

DELIVERABLE 3.3

Demonstration of metabolomic methods and services for the identification of metabolites relevant for plant performance and food/feed quality, such as nutritional/antinutritional/toxic metabolites in CWR/WFP material and CWR introgressions

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Promoting a plant genetic resource community for Europe

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Authors	Esra Karakas, Alisdair R. Fernie, Yury Tikunov, Arnaud Bovy
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Contents

1	Executive Summary	4
2	Introduction.....	5
2.1	Liquid chromatography mass spectrometry (LC-MS).....	7
2.2	Gas chromatography mass spectrometry (GC-MS).....	7
2.3	Bioinformatics Strategies for Metabolomics Analysis and Computational Metabolite Annotation .	8
3	Description of Activities.....	9
3.1	Refinement of Metabolomics Methods and Dataset Integration	9
3.2	Description of metabolomic data in rice, Citrus and pepper	10
3.3	Materials and Methods	11
4	Results	12
4.1	Rice	12
4.2	Citrus.....	15
4.3	Pepper	17
5	Conclusions.....	22
6	Deviations	22
7	References	24

1 Executive Summary

This report summarizes all the activities performed in deliverable 3.3: “*Demonstration of metabolomic methods and services for the identification of metabolites relevant for plant performance and food/feed quality, such as nutritional/antinutritional/toxic metabolites in CWR/WFP material and CWR introgressions.*” D3.3 aimed to refine, demonstrate, and apply advanced metabolomic techniques across a diverse range of crop species and germplasm types to identify metabolites of functional importance for agriculture, biodiversity conservation, and sustainable food systems.

In line with this objective, we carried out several key activities focused on methodological development and data integration. A major focus was the optimization of standardized protocols for liquid chromatography mass spectrometry (LC-MS), gas chromatography mass spectrometry (GC-MS), and headspace solid-phase microextraction coupled with gas chromatography-mass spectrometry (HS-SPME/GC-MS) to enable robust, reproducible, and high-throughput metabolite profiling across both model and non-model plant species. These efforts supported both targeted and untargeted metabolomics approaches, with particular attention to key metabolite classes such as alkaloids, terpenoids, glucosinolates, polyphenols, and volatile organic compounds (VOCs).

A major achievement in D3.3 was the generation and integration of high-quality metabolomic datasets from a range of plant species, including underrepresented taxa in public metabolomics repositories. Curated datasets encompassed model species (*Arabidopsis thaliana*), economically important crops (*Solanum lycopersicum*, *Oryza sativa*, *Triticum aestivum*, *Citrus sp*, *Camellia sinensis*), and less-studied species (*Pinus nigra*, *Picea abies*), among others (Table 1). These datasets represent a valuable resource for the broader scientific community and support the discovery of metabolite–trait associations across a wide phylogenetic and ecological range.

State-of-the-art analytical platforms, including LC-MS, GC-MS and HS-SPME/GC-MS, were optimized and applied to generate high-quality metabolomic datasets in rice, citrus and pepper. Each dataset captured distinct aspects of metabolic diversity:

- **Rice** lipidomic profiling of 761 accessions revealed extensive variability in 139 lipid traits, enabling a deeper understanding of metabolic regulation and adaptation. Additionally, lipidomics data from wild type and KO lines in *GPAT* (glycerol-3-phosphate acyltransferase) and *GDSL* (Gly-Asp-Ser-Leu esterase/lipase) genes, demonstrated a link between lipid content and plant height in rice.
- **Citrus** primary metabolites were monitored under postharvest treatments using targeted metabolomics, demonstrating treatment-specific metabolic shifts, relevant for fruit preservation and quality.
- **Pepper** metabolomic analysis was conducted on 350 *Capsicum annuum* accessions from the G2P-SOL (<http://www.g2p-sol.eu/>) core collection using LC-MS, revealing distinct metabolic clusters enriched in flavonoids and unknown compounds potentially linked to stress tolerance and quality traits. In addition, volatile profiles were characterized in a set of 32 pepper accessions, providing complementary insights into aroma-related compounds.

D3.3 presents the outcomes of WP3 activities focused on refining and demonstrating metabolomic methods and services for the identification of metabolites relevant to plant performance and food/feed quality. While the deliverable originally targeted nutritional, antinutritional, and toxic compounds in crop wild relatives (CWR), wild food plants (WFP), and their introgressions, the current report primarily focuses on cultivated accessions. Due to limited access to well-characterized CWR introgression material during the reporting period, these were not comprehensively profiled. The integration of metabolomic data with genotype, environment, and trait performance metadata enables genome-wide association studies (GWAS), multivariate analyses, and trait–metabolite mapping. The refined workflows developed and demonstrated here provide scalable tools for crop improvement, biodiversity valorisation, and the development of high-quality, resilient food crops.

2 Introduction

D3.3 aims to provide a comprehensive demonstration of metabolic methods and services showcasing the analytical capabilities, workflows and applications of metabolomics. As a powerful tool in systems biology, metabolomics enables the global analysis of small molecules within biological systems, offering deep insights into metabolic pathways. By illustrating both targeted and untargeted approaches, this report highlights the value of metabolomic technologies in research and emphasizes the importance of robust service platforms in supporting scientific discovery and translational outcomes.

Metabolomics, the comprehensive study of small molecules (metabolites) within biological systems, plays a critical role in advancing our understanding of plant physiology, biochemistry, and interactions with the environment. In the context of plant science, metabolomics facilitates the identification of nutritional, antinutritional, and potentially toxic compounds that directly influence plant performance and the quality of derived food and feed products. Moreover, metabolomics enables the discovery of biomarkers for stress responses, disease resistance, and developmental stages, offering valuable insights for crop improvement and breeding programs. By integrating metabolomics with other omics technologies such as genomics, transcriptomics, and proteomics, researchers can achieve a more holistic understanding of complex metabolic networks and regulatory pathways. This integrative approach is essential for elucidating genotype–phenotype relationships and for developing strategies to enhance crop yield, nutritional value, and resilience to environmental stresses.

Primary metabolites are compounds involved in fundamental cellular processes, including growth and energy metabolism. These include basic sugars, amino acids, nucleotides and small organic acids. They play a direct role in an organism’s normal growth, development and reproduction, making them essential for survival under all conditions. Because these core biological functions are evolutionarily conserved, primary metabolites are typically ubiquitous and widely distributed across diverse organisms.

Phytonutrients are plant-derived compounds with potent biological activities that offer extensive health benefits. These include polyphenols, terpenoids, flavonoids, isoflavonoids, carotenoids, glucosinolates, phytoestrogens, phytosterols, anthocyanins, fatty acids, and probiotics. In humans, phytonutrients function as antioxidants, anti-bacterial, anti-fungal, anti-inflammatory and anti-allergic agents. In plants these compounds—classified as secondary metabolites—play essential roles in stress response, development, and

overall performance. Secondary metabolites contribute significantly to agronomic traits such as nutritional quality, yield, disease resistance, and tolerance to abiotic stress (Chen et al., 2016; Hall et al., 2008). For example, flavonoids are not only beneficial for human health but also serve as critical defense molecules in plants. Other metabolites like lignin and cutin, composed of fatty acids, phenolic acids, and glycerol, strengthen plant structures and help prevent pathogen invasion and excessive water loss (Vanholme et al., 2019). Phytohormones, another class of secondary metabolites, regulate vital processes such as seed germination, fruit development, and adaptive responses to environmental pressures (Ciura & Kruk, 2018; Kusano et al., 2015; Ullah et al., 2018). Understanding and characterizing these metabolites is central for improving both the nutritional value of crops for human consumption and their performance in diverse environmental conditions. This dual role underscores the importance of metabolomics in identifying phytonutrients and leveraging them for sustainable crop improvement and human health promotion.

Two primary analytical platforms dominate metabolomics workflows: Liquid Chromatography–Mass Spectrometry (LC-MS) and Gas Chromatography–Mass Spectrometry (GC-MS). LC-MS is highly effective for profiling semi-polar to non-polar secondary metabolites, including flavonoids, alkaloids, and phenolic acids, offering high sensitivity and broad coverage (Roessner et al., 2001). GC-MS, on the other hand, is particularly powerful for volatile organic compounds (VOCs) and primary metabolites such as sugars and amino acids, after derivatization. These techniques allow both targeted quantification and untargeted discovery of metabolites, providing deep insight into metabolic networks and phenotypic traits.

Plants release volatile organic compounds (VOCs) from various organs such as leaves, flowers, and fruits. These compounds play essential roles in plant defense against herbivores, pathogens, and parasites, as well as in attracting pollinators (Holopainen & Gershenzon, 2010). One of the most effective techniques for VOC analysis is solid-phase microextraction (SPME) combined with GC-MS, which offers high sensitivity, reproducibility, and robustness for metabolomics studies (Augusto et al., 2000).

To meet the growing demand for increased food production in the face of a changing and unpredictable climate, while also delivering high-quality food with enhanced nutritional and health benefits, plant breeders need access to new sources of genetic diversity. Crop wild relatives (CWR), the close relatives of domesticated plants, offer a valuable and practical gene pool that can be harnessed to support these breeding efforts (Brozynska et al., 2016). In parallel, wild food plants (WFPs) have long been part of human diets, offering essential nutrients and bioactive compounds. WFPs often contain higher levels of micronutrients than cultivated crops, making them valuable for addressing nutrient deficiencies (Hunter et al., 2019). They also act as functional foods that can support immunity and overall health.

Metabolomics is a powerful approach for advancing our understanding of metabolic processes and their regulation across diverse biological systems. It involves systematic collection, identification and quantification of metabolites from biological samples using high-throughput analytical platforms such as GC-MS and LC-MS (Figure 1). The protocols for sample collection are detailed in Deliverable D3.1 and published in (Karakas et al., 2023). Metabolomics has been widely applied to explore the biochemical diversity of crop wild relatives and wild food plants, helping to reveal key metabolic pathways and their roles in plant adaptation, development and nutritional value. These insights are essential for supporting crop improvement and conservation strategies.

D3.3 focuses on the identification of metabolites relevant to plant performance and food/feed quality, with particular emphasis on nutritional, antinutritional, and toxic compounds in CWRs, WFPs, and their introgressed lines. These underutilized genetic resources offer valuable traits for sustainable crop improvement but remain largely uncharacterized at the metabolic level. By addressing this gap, D3.3 contributes to the development of resilient, high-quality crops and supports the broader goals of food security and biodiversity valorisation.

2.1 Liquid chromatography mass spectrometry (LC-MS)

LC-MS has become the most widely used separation method in metabolomics, surpassing gas chromatography and capillary electrophoresis due to its ability to analyze a broader range of compounds without the need for derivatization. LC enables the separation of metabolites based on chemical properties using various column types, including reversed-phase, ion-exchange, and hydrophobic interaction columns. The development of ultra-performance liquid chromatography (UPLC) has further enhanced the resolution, sensitivity, and speed of analysis compared to traditional high-performance liquid chromatography (HPLC) (Rogachev & Aharoni, 2012).

In LC-MS systems, different ionization sources—such as electrospray ionization (Katajamaa & Orešič), atmospheric pressure chemical ionization (APCI), and atmospheric pressure photo-ionization (APPI)—are used based on metabolite characteristics. A variety of mass analyzers are available, including quadrupole, time-of-flight (TOF), qTOF, triple quadrupole (QqQ), ion trap (IT), linear trap quadrupole (LTQ), and Orbitrap, each offering different levels of resolution and sensitivity.

2.2 Gas chromatography mass spectrometry (GC-MS)

Mass spectrometry is typically combined with chromatographic techniques such as gas chromatography and HPLC to analyse complex plant metabolite mixtures. Among these, GC-MS, especially when using electron impact ionization, has been widely used in plant metabolomics due to its high sensitivity, reproducible fragmentation patterns, and strong separation capabilities. This method is particularly suitable for volatile compounds and polar metabolites that have been chemically derivatized to enhance volatility. Electron impact generates consistent and interpretable fragmentation, allowing for effective compound identification using established spectral libraries (Kopka, 2006; Santos & Galceran, 2003).

GC-MS was one of the first and most commonly used techniques in early plant metabolomics research (Fiehn et al., 2001; Roessner et al., 2001). The adoption of time-of-flight (TOF) detectors has further improved performance, offering fast scan rates, better resolution of overlapping peaks, and in some cases, high mass accuracy (Lu et al., 2017; Taylor et al., 2002). This has led to the development of well-established workflows for instrument handling, data acquisition, and interpretation (Lisec et al., 2006).

2.3 Bioinformatics Strategies for Metabolomics Analysis and Computational Metabolite Annotation

Plant metabolomics relies on a multi-step computational and bioinformatic workflow to analyse and interpret datasets (Figure 1). Yet metabolite annotation remains a major bottleneck: the structural complexity and vast chemical diversity of metabolites, together with the still-limited coverage of spectral databases, make confident identification difficult. High-resolution, accurate mass MS coupled with chromatographic separation has revolutionized high-throughput profiling, allowing ever-broader metabolite coverage at lower detection limits. Compared with other platforms, MS-based metabolomics offers lower cost, higher sensitivity, high-throughput and rich structural information.

Among computational approaches, matching MS/MS spectra against reference libraries is considered the gold standard for annotation because fragment patterns provide compound-specific fingerprints. Nonetheless, incomplete libraries and scarce chemical reference standards continue to hamper biological interpretation.

Recently, machine learning and deep learning methods, together with improved LC-MS workflows, have markedly advanced computational annotation. Classic peak-pricking and processing tools such as XCMS Online (Tautenhahn et al., 2012), MZmine (Katajamaa & Orešič, 2005), MS-DIAL (Tsugawa et al., 2015), MetAlign (De Vos et al., 2007) and xcms (Smith et al., 2006) laid the groundwork for automated data handling. Building on these, deep learning frameworks like SIRIUS 4 improve structural elucidation by combining fragmentation trees with retention time and ion mobility information. MS2Query (de Jonge et al., 2023) and DeepMass:Prism (Tiwarý et al., 2019) further extend coverage through accurate spectral matching and *in-silico* fragmentation prediction, while CANOPUS (Dührkop et al., 2021) assigns chemical classes and offers structural insight even when exact identification is not possible.

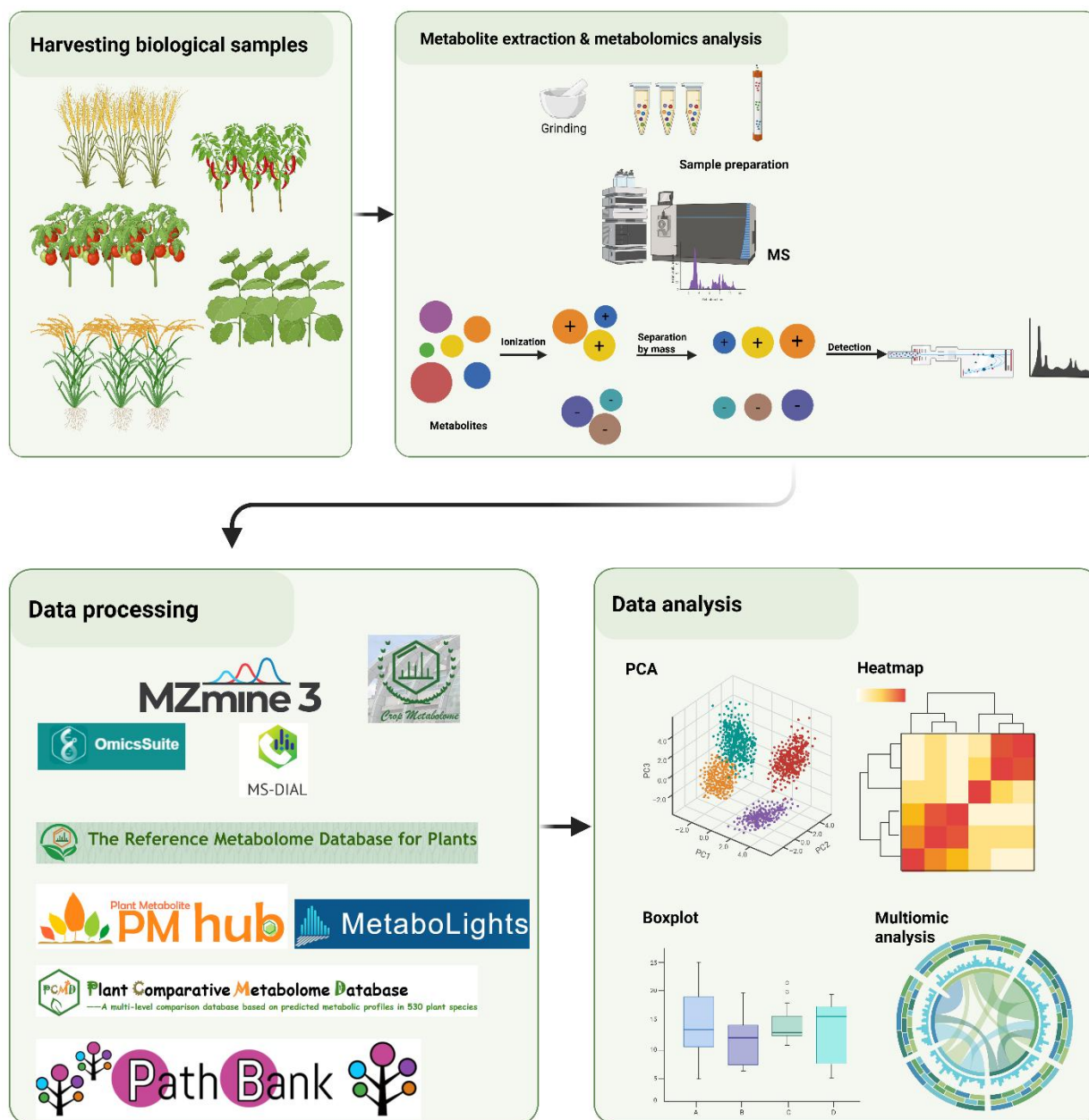


Figure 1: Workflow of metabolomics analysis, highlighting key steps from sample preparation through analytical techniques (e.g., LC-MS, GC-MS) to data processing. The process includes statistical analysis and metabolite identification using online databases. (Created in BioRender. Karakas, E. (2025) <https://BioRender.com/ex0kciv>).

3 Description of Activities

3.1 Refinement of Metabolomics Methods and Dataset Integration

In line with D3.3's objective to refine and promote advanced metabolomics methods and services, we focused on applying and adapting existing standardized protocols for LC-MS and GC-MS platforms to ensure robust, reproducible, and high-throughput metabolite profiling across diverse plant species. These activities supported both targeted and untargeted metabolomics approaches, with particular emphasis on key compound classes such as alkaloids, terpenoids, glycosides, polyphenols, and volatile organic compounds (VOCs).

A major achievement in D3.3 was the curation and integration of plant metabolomics datasets representing a diverse set of species. These included model organisms and economically important crops such as *Arabidopsis thaliana*, *Nicotiana tabacum*, *Solanum lycopersicum*, *Saccharum officinarum*, *Oryza sativa*, *Triticum aestivum*, *Pinus nigra*, *Picea abies*, *Citrus unshiu*, and *Camellia sinensis*. Many of these species remain underrepresented in public metabolomics repositories, making this a valuable contribution to the wider research community. Details of the curated datasets are provided in Table 1.

Table 1: List of plant species, number of metabolites with their target organ/tissue studied in D3.3

Species	Organ/Tissue	No of Metabolites	Target metabolites
<i>Arabidopsis thaliana</i>	leaves	29	secondary metabolites
<i>Camellia sinensis</i> O.	leaves	2837	secondary metabolites
<i>Capsicum annuum</i>	fruit	82	secondary metabolites
<i>Capsicum annuum</i>	fruit	189	volatile
<i>Citrus sp</i>	leaves	35	volatile
<i>Nicotiana benthamiana</i>	leaves	31	secondary metabolites
<i>Oryza sativa</i> L	mature grain	191	secondary metabolites
<i>Picea abies</i>	needles, seedlings, bark	28	volatile
<i>Pinus nigra</i>	needles	25	volatile
<i>Saccharum spp.</i>	sugarcane cells	36	secondary metabolites
<i>Solanum lycopersicum</i>	fruit	213	secondary metabolites
<i>Solanum lycopersicum</i>	fruit	82	volatile
<i>Triticum aestivum</i>	kernel	625	secondary metabolites

3.2 Description of metabolomic data in rice, Citrus and pepper

Additionally, metabolomic datasets have been generated and integrated from multiple crop species through collaboration among leading research institutions. The rice metabolomics data were produced by the Max Planck Institute of Molecular Plant Physiology (MPI-MPP), focusing on grain lipid profiles across diverse accessions. Citrus metabolic data were obtained through a collaborative partnership between MPI-MPP and a research institute in China (National Key Laboratory of Crop Genetic Improvement, Huazhong Agricultural University, Wuhan), contributing valuable insights into the metabolic diversity of this important fruit crop. Leaf metabolic data for pepper (*Capsicum annuum*) were generated by Wageningen University & Research (WUR) based on samples collected from 350 accessions of the G2P-SOL core collection grown in the Netherlands during the summer of 2023. In parallel, VOCs was performed on a subset of 32 pepper accessions, providing complementary insights into aroma-related traits. Together, these diverse datasets offer a comprehensive resource for studying the genetic and environmental regulation of plant metabolism across species, including crop wild relatives and wild food plants. They provide a valuable foundation for downstream analyses such as GWAS, multivariate statistics and the identification of metabolite trait associations that can inform the conservation and use of underutilized plant genetic resources in breeding and adaptation strategies.

3.3 Materials and Methods

Rice: a total of 761 rice accessions were selected from the 3000 Rice Genome Project (RGP), representing diverse natural populations across major global rice-growing regions. These accessions were cultivated under field conditions in Hainan Province (18.09°N, 109.48°E) in the year 2015. The experimental layout followed a randomized complete block design, with each accession grown in two rows containing eight plants per row. Plants were spaced at 20x10 cm and managed according to standard agronomic practices appropriate for each location. The main objective of this project was to identify genes associated with plant height. To support this, plant height was measured using a ruler, recording the distance from the ground to the top of the panicle at seed maturity. In each row, four to six centrally positioned plants were selected for height measurement. Additionally, sgRNAs targeting *GPAT* (glycerol-3-phosphate acyltransferase) and *GDSL* (Gly-Asp-Ser-Leu esterase/lipase), two genes identified through a genome-wide association study (GWAS) on lipid-related traits characterized by lipidomics, were cloned into a CRISPR/Cas9 binary vector and introduced into *Agrobacterium* strain EHA105 by electroporation. The construct was then used to transform the japonica variety *Nipponbare* via *Agrobacterium*-mediated transformation and KO lines were selected. The plants were grown in two different fields in Shanghai during the year of 2019. The GWAS primarily focused on lipid composition as the candidate genes involved in lipid biosynthesis and metabolism.

High-resolution mass spectrometry was performed using an ultraperformance liquid chromatography (UPLC) system and a BEH C8 column (100 x 2.1 mm, 1.7 μ m) at 60°C. A 20-minute gradient elution at 0.4 mL/min was applied using water + 0.1% acetic acid (A) and acetonitrile:isopropanol (7:3)+0.1% acetic acid + 1% ammonium acetate (B). The gradient progressed from 55% to 100% B and back, with specific timing steps. Mass spectra were recorded from m/z 150 to 1500 using ESI (3 kV, 200°C), with drying gas at 350°C and gas flows of 60 and 20 U. Skimmer and tube lens voltages were set to 25 and 130 V. Data were processed with XCalibur (Thermo) and Genedata.

Citrus: Satsuma mandarin (*Citrus unshiu*) was selected to evaluate the efficacy of postharvest treatments aimed at preserving fruit quality. Commercially mature fruits were harvested in 2023 from an orchard in Yichang, Hubei Province, China. Only fruits of uniform size and coloration, free of visible damage, were selected. The fruit was divided into three groups: (1) control (water-treated), (2) treatment with 200 mg kg⁻¹ indole-3-acetamide (IAM; treatment y) and (3) treatment with 200 mg kg⁻¹ 2,4-dichlorophenoxyacetic acid (2,4-D; treatment d). All fruits underwent a 2-minute immersion and were then stored under ambient conditions in a ventilated warehouse.

The flavedo was sampled at -80°C for further biochemical analysis. Metabolite profiling was performed using a TRACE™ GC Ultra gas chromatography coupled with an ISQ™ single quadrupole mass spectrometer (Thermo Fisher Scientific, Waltham, MA, USA). Prior to injection, samples were derivatized using methoxyamine hydrochloride and N-methyl-N-(trimethylsilyl) trifluoroacetamide (MSTFA) following standard protocols. One μ L of each derivatized sample was injected into the capillary column. The injector temperature was set to 250°C. The carrier gas was helium, maintained at a constant flow rate of 1.0 mL/min. The oven temperature program was as follows: initial temperature of 70°C held for 2 min, followed by a ramp of 5°C/min to 300°C, with a final hold on 5 min. Mass spectra were acquired in electron ionization (EI) mode at 70eV over a scan range of m/z 50-600. Data acquisition and processing were performed using Thermo Xcalibur™ software.

***Capsicum annuum*:** as part of the PRO-GRACE project, metabolomic profiling was conducted to investigate the diversity of leaf metabolites in *Capsicum annuum* and their potential roles in plant defense and environmental adaptation. Leaf material was collected from mature plants of ~350 accessions belonging to the pepper G2P-SOL core collection, cultivated under field conditions in Wageningen, the Netherlands, during the summer of 2023. Additionally, volatile organic compounds (VOCs) were analyzed in 32 *Capsicum* accessions representing four species: *Capsicum annuum*, *Capsicum frutescens*, *Capsicum chinense*, and *Capsicum baccatum*. These accessions were selected based on their morphological diversity, and plant growth conditions, experimental design, and sampling protocols followed the methodology described by (Wahyuni et al., 2011). Metabolites were extracted and analyzed using liquid chromatography-mass spectrometry (LC-MS), following the protocol established by Wahyuni et al. (2011). This newly generated dataset (~350 accessions) supports GWAS and multivariate statistical analyses to identify metabolic features associated with key agronomic traits, including resistance to biotic and abiotic stresses. Compounds showing significant associations may be selected for further structural characterization via LC-MS/MS.

4 Results

We assembled comprehensive datasets that provide species-specific, compound-level information on a wide range of secondary metabolites and volatile organic compounds. These datasets encompass diverse horticulturally relevant species. The inclusion of detailed metabolite profiles enables the exploration of intra and interspecies variation, supporting the identification of key metabolic signatures associated with traits such as flavour, aroma, nutritional value and stress response. These data serve as a valuable foundation for future analysis aimed at uncovering metabolic pathways, trait-marker associations and genetic basis of metabolic diversity. In the future studies these datasets could undergo in depth statistical and integrative analysis to extract biologically meaningful insights and support applications in crop improvement, biodiversity and food quality enhancement. Plans are in place to make the datasets accessible to the broader research community, facilitating further exploration and application.

4.1 Rice

Comprehensive lipidomic profiling was performed on a diverse panel of 761 rice (*Oryza sativa*) accessions representing a wide range of genetic diversity. This analysis led to the accurate quantification of 139 distinct lipid species spanning major lipid classes. These included lysophospholipids such as lysophosphatidylcholines (Lyso-PC) and lysophosphatidylethanolamines (Lyso-PE), diacylglycerols (DAG), triacylglycerols (TAG), phosphatidylcholines (PC), and other classes integral to plant lipid metabolism. Normalized lipid abundance data were visualized using a heatmap, revealing pronounced variation in lipid accumulation both within and across different lipid classes (Figure 2). This variation indicated a complex landscape of lipid metabolism shaped by underlying genetic diversity.

To dissect the genetic basis underlying these lipid traits, a genome-wide association study (GWAS) was performed. This analysis identified several significant *loci* associated with lipid abundance and plant architecture traits, particularly plant height. Among the candidate genes identified, two were prioritized for further functional validation: *GPAT* (glycerol-3-phosphate acyltransferase), a key enzyme involved in the initial step of glycerolipid biosynthesis, and *GDSL*, a member of the *GDSL* family (Gly-Asp-Ser-Leu esterase/lipase), potentially involved in lipid remodeling or degradation. These genes were selected based on both their strong statistical association with lipid and plant height traits and their functional annotations.

To validate the roles of these genes in lipid metabolism and plant development, targeted gene knockouts (KOs) were generated using CRISPR/Cas9 technology in the *japonica* rice cultivar Nipponbare. Mutant lines for both *GPAT* and *GDSL* were successfully produced and propagated. Specifically, two independent *gdsI* KO lines (*gdsI_1* and *gdsI_2*) and one *gpat* KO line (*gpat_1*) were obtained, each carrying distinct CRISPR-induced mutations confirmed by sequencing. Lipid profiling of these CRISPR KO lines was subsequently conducted using LC-MS, allowing precise quantification of lipid species and assessment of metabolic shifts induced by gene disruption.

A heatmap displaying fold changes in lipid levels relative to wild-type controls was generated for each mutant line across two independent field trials. In the first trial, a consistent and significant reduction in TAG content was observed in the mutant lines, most notably in the *gdsI_1* line (Figure 3A). This decrease in TAG levels supports the hypothesis that *GDSL* contributes to TAG biosynthesis or turnover. In the second trial, while a trend toward reduced TAG levels remained, the effect was less pronounced, suggesting possible environmental or developmental modulation of gene function.

In addition to lipid profiling, plant height was measured as a proxy for growth and biomass accumulation. All three mutant lines demonstrated a consistent decrease in plant height in the first field trial. Notably, this decrease was observed in the same trial where a significant reduction in TAG levels was reported. Specifically, *GDSL* KO lines showed an average reduction of approximately 8%, while the *GPAT* line showed a more modest reduction of about 4% compared to the wild type (Figure 3B). These phenotypic changes suggest that both *GPAT* and *GDSL* are not only involved in lipid biosynthesis but may also play broader roles in regulating growth and development, potentially through lipid-mediated signalling or energy provisioning.

These findings are biologically significant, as lipids play critical roles in plant physiology. Phospholipids and lysophospholipids are essential components of cellular membranes, contributing to membrane structure, fluidity, and integrity. They are crucial for maintaining organelle function, enabling efficient nutrient transport, and facilitating signal transduction. Lysophospholipids, in particular, are known to be dynamic mediators of membrane remodeling and act as signalling molecules in processes such as cell expansion, stress response, and development. On the other hand, TAGs serve as major energy reserves, particularly during metabolically demanding stages such as seed germination and early seedling establishment.

The observed variation in TAG accumulation across natural genotypes and the altered lipid profiles in gene-edited lines underscore the importance of genotype-dependent regulation of lipid metabolism. Collectively, these results provide new insights into the metabolic roles of *GPAT* and *GDSL* in rice and suggest that manipulating these genes could modulate lipid profiles with implications for plant vigor and resilience. This work lays the foundation for future efforts to exploit lipid-related traits in rice breeding programs aimed at improving growth, biomass, and stress tolerance.

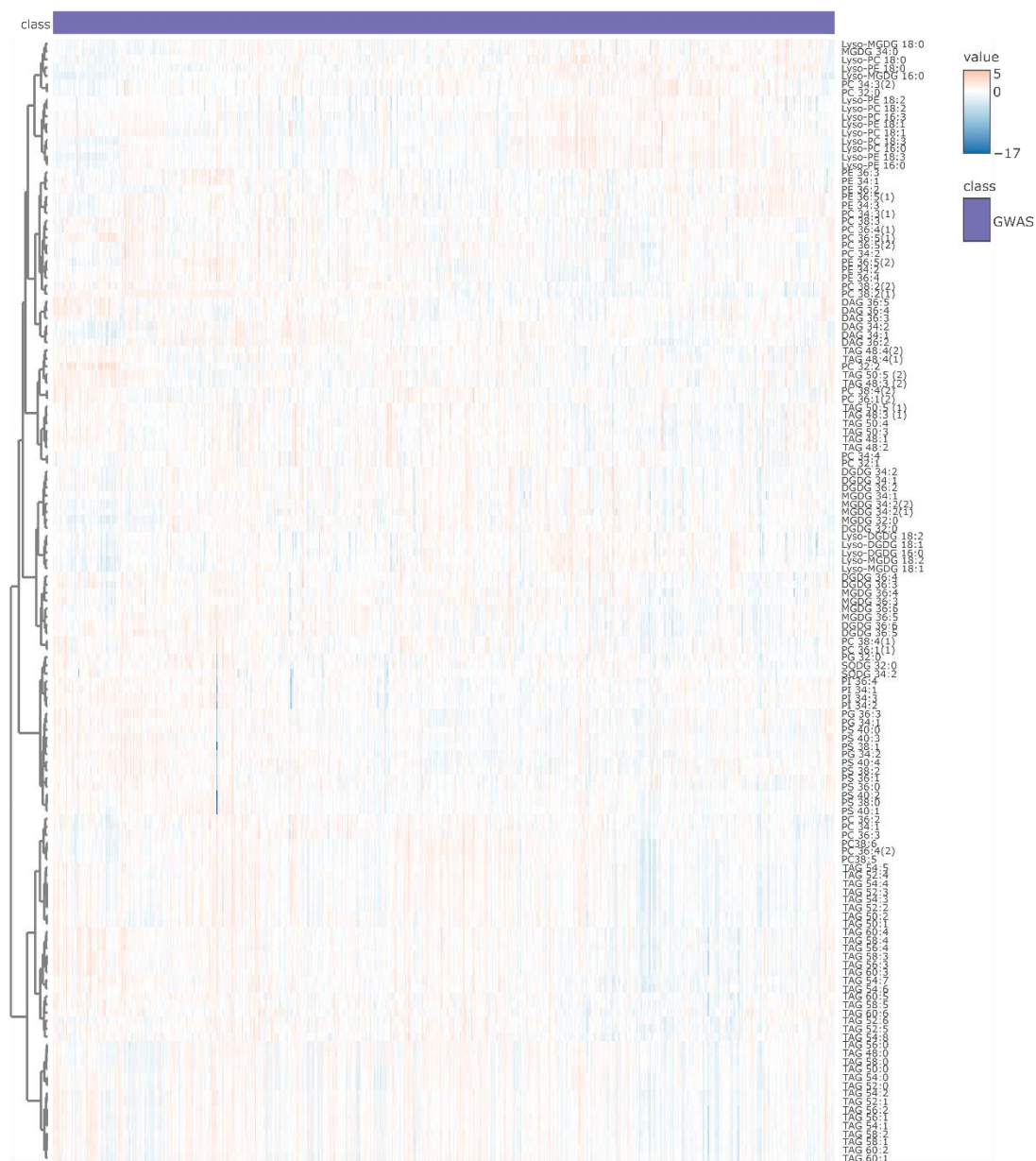


Figure 2: Heatmap representing the normalized abundance of 139 lipid species across 761 rice accessions. Lipid classes include lysophospholipids (PC and PE), phosphatidylcholines (PC), triacylglycerols (TAG) and others. Rows correspond to lipid traits and columns represent individual rice accessions. The color gradient reflects the median normalized $\log_{10}$ transformed values from lower to higher abundance.

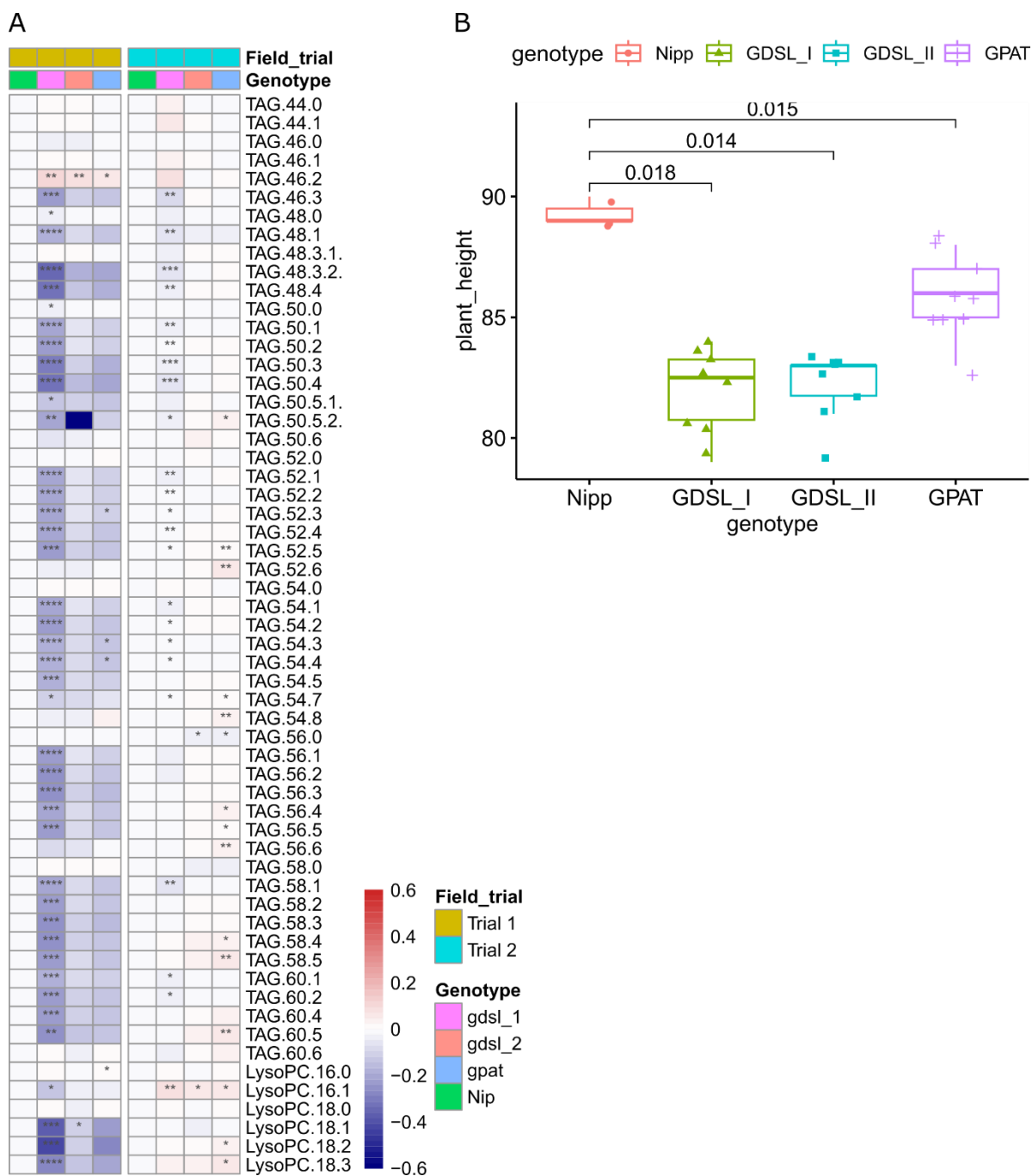


Figure 3: Characterization of CRISPR KO lines of *GDSL* and *GPAT* genes compared to wild type in rice. Lipid profiling in two field trials (A) and plant height in one field trial (B) in mutant and wild-type lines. Gdls_1, gds1_2, gpat correspond to KO lines, Nip is the wild type japonica rice cultivar Nipponbare. The lines are represented in different colours. The two field trials are indicated with yellow and pale blue. All CRISPR mutant lines and corresponding wild-type lines were grown in a paddy field in Shanghai in 2019 during the summer season. Asterix represents (*<0.05, **<0.01, ***<0.001, ****<0.0001) and Welch's and Wilcoxon tests were used for generating the heatmap and boxplot, respectively.

4.2 Citrus

To assess the effects of postharvest treatments on citrus metabolite profiles, metabolomics analysis was conducted for primary metabolites of flavedo tissue from Satsuma mandarin subjected to two treatments, indole-3-acetamide and 2,4-dichlorophenoxyacetic acid (2,4-D) and a control (water-treated). Sugars, organic acids, and amino acids are major primary metabolites in citrus juice vesicles and are key determinants of

internal fruit quality. Amino acids in citrus serve various functional roles. For example, certain amino acids from the serine family have been linked to resistance against huanglongbing (HLB), a devastating bacterial disease affecting citrus (Sadka et al., 2019). In humans, functional amino acids play crucial roles in regulating key metabolic pathways that support health, growth, development, reproduction, and overall physiological function (Wu et al., 2013). They also show promise in the prevention and treatment of metabolic syndromes such as diabetes, cardiovascular disease, infertility, gastrointestinal and neurological disorders, and infectious diseases, including viral infections (Cholewa et al., 2017). Several amino acids, such as proline, asparagine, and threonine, have been reported to mitigate postharvest physiological deterioration and enhance resistance against biotrophic pathogens (Yun et al., 2013). The observed ability of IAM to maintain fruit quality and reduce decay incidence may be partially attributed to the accumulation of these amino acids. Additionally, IAM treatment markedly elevated ornithine levels, a key precursor for polyamines, which are known to be eco-friendly postharvest compounds that contribute to fruit preservation. As a synthetic auxin, 2,4-D is hypothesized to function by modulating the primary metabolite accumulation and delaying senescence through the regulation of hormonal and metabolic pathways. This could help maintain internal fruit quality and reduce postharvest decay. The heatmap (Figure 4A) displays ribitol (internal standard) and median normalized $\log^{10}$ transformed metabolite abundances across all samples, revealing distinct changes in specific metabolite levels in response to the treatments. Several compounds, sugars (e.g., maltose, sucrose and fructose) and organic acids (alanine, homoserine and leucine), showed differential accumulation between treatment groups. Clustering analysis indicated a clear separation of samples based on treatment, with control, treatment d (2,4-dichlorophenoxyacetic acid) and treatment y (indole-3-acetamide) forming distinct clusters, reflecting treatment-specific metabolic responses.

Principal Least Squares-Discriminant Analysis (PLS-DA) further supported these findings (Figure 4B), showing a clear separation between the control and two treatment groups along the first two components, which together explained ~45% of the total variance. Samples treated with 2,4-dichlorophenoxyacetic acid and indole-3-acetamide clustered distinctly from controls, suggesting a strong effect of the treatments on citrus peel metabolism. These results demonstrated that both treatments significantly alter the metabolite composition of citrus flavedo, potentially contributing to differences in postharvest quality and stress responses.

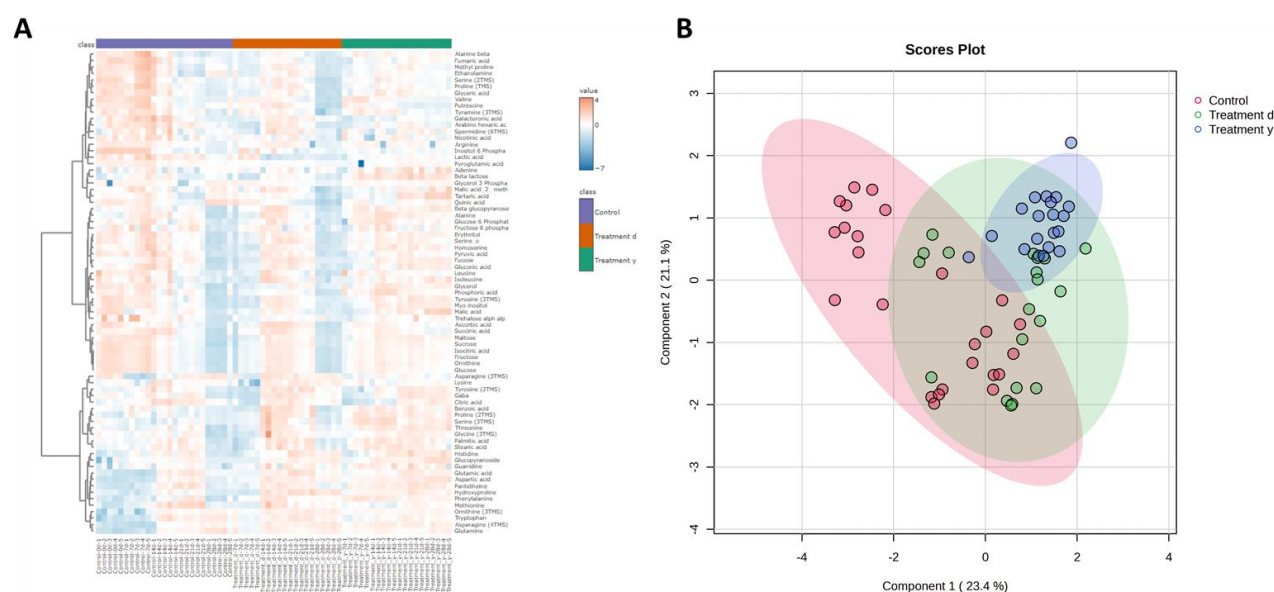


Figure 4: A) Heatmap indicating the relative abundance of some of the primary metabolites in Satsuma mandarin flavedo tissue across three postharvest treatments: control (water), treatment y (200 mg/kg indole-3-acetamide) and treatment d (200 mg/kg 2,4-dichlorophenoxyacetic acid). Each row represents a metabolite and each column a sample. B) PLS-DA scores of the plot of metabolite profiles from the same samples, indicating separation among treatment groups along the first two components.

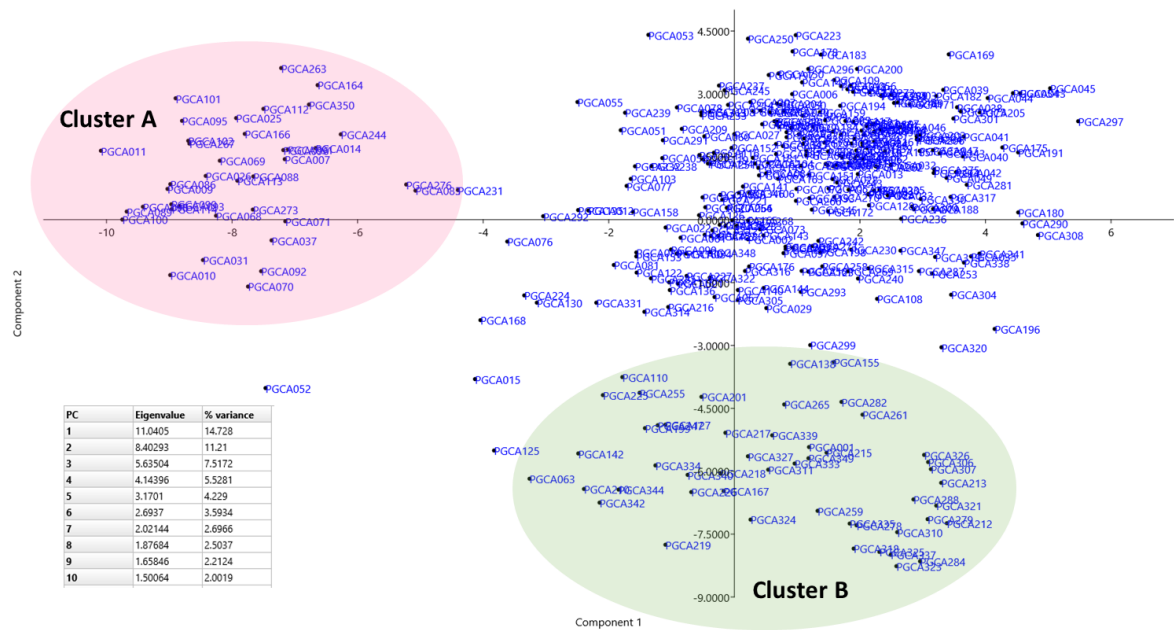
4.3 Pepper

LC-MS profiling of leaf tissues from 350 *Capsicum annuum* accessions revealed substantial variation in the composition and abundance of phytonutrients, particularly secondary metabolites such as flavonoids and other phenolic compounds. Principal Component Analysis (PCA) demonstrated clear separation among accessions along the first two components, indicating significant metabolic diversity likely driven by both genetic and environmental factors (Figure 5). PCA indicated clear clustering for flavonoids and some of the unknown compounds. Flavonoids are a diverse and functionally significant class of secondary metabolites abundantly present in pepper (*Capsicum* spp.), where they serve multiple roles in plant physiology, stress adaptation, and nutritional quality (Rosa-Martínez et al., 2023). These compounds, which include flavonols, flavones, and flavanones, are synthesized via the phenylpropanoid pathway and accumulate in various plant tissues, especially in fruits and leaves. Their biosynthesis is tightly regulated by genetic and environmental factors, reflecting their adaptive significance in response to biotic and abiotic stressors. Flavonoids act as antioxidants, protecting cells from oxidative damage caused by drought, high light intensity, or pathogen attack. They also modulate auxin transport and signaling pathways, influencing plant growth, root development, and reproductive success. Pepper flavonoids are highly valued for their health-promoting properties (Liu et al., 2018). Compounds such as quercetin, luteolin, and apigenin have demonstrated potent antioxidant, anti-inflammatory, and cardioprotective effects, contributing to the prevention of chronic diseases, including cardiovascular disorders, cancer, and neurodegenerative conditions. Flavonoids also influence key quality traits of pepper fruits, including flavor, bitterness, and astringency. They contribute to the color intensity of the pericarp, especially in yellow and purple varieties, by interacting with carotenoids and anthocyanins. Additionally, their antimicrobial and antioxidant properties help extend postharvest shelf-life by delaying spoilage and oxidative degradation. This multifaceted impact on both sensory attributes and nutritional content enhances consumer appeal and supports the marketability of pepper varieties with enriched flavonoid profiles. Overall, flavonoids in pepper represent valuable metabolic traits for breeding

programs targeting both improved stress tolerance and enhanced nutritional value. Their dual role in promoting plant resilience and human health makes them critical targets for metabolomic studies and functional genomics in crop improvement efforts.

Heatmap clustering further illustrated the presence of distinct chemical profiles among subsets of accessions, suggesting diversity in metabolic pathways associated with defense mechanisms and environmental adaptation (Figure 6). Given the central role of these metabolites in both plant performance and human health, functioning as antioxidants, anti-inflammatory agents, and contributors to nutritional quality, this variation provides a strong foundation for genome-wide association studies (GWAS). These data will facilitate the identification of candidate genes and key regulatory networks involved in phytonutrient biosynthesis and stress resilience in *C. annuum*.

A LC-MS analysis of the EU G2P-SOL Capsicum annum core collection



B

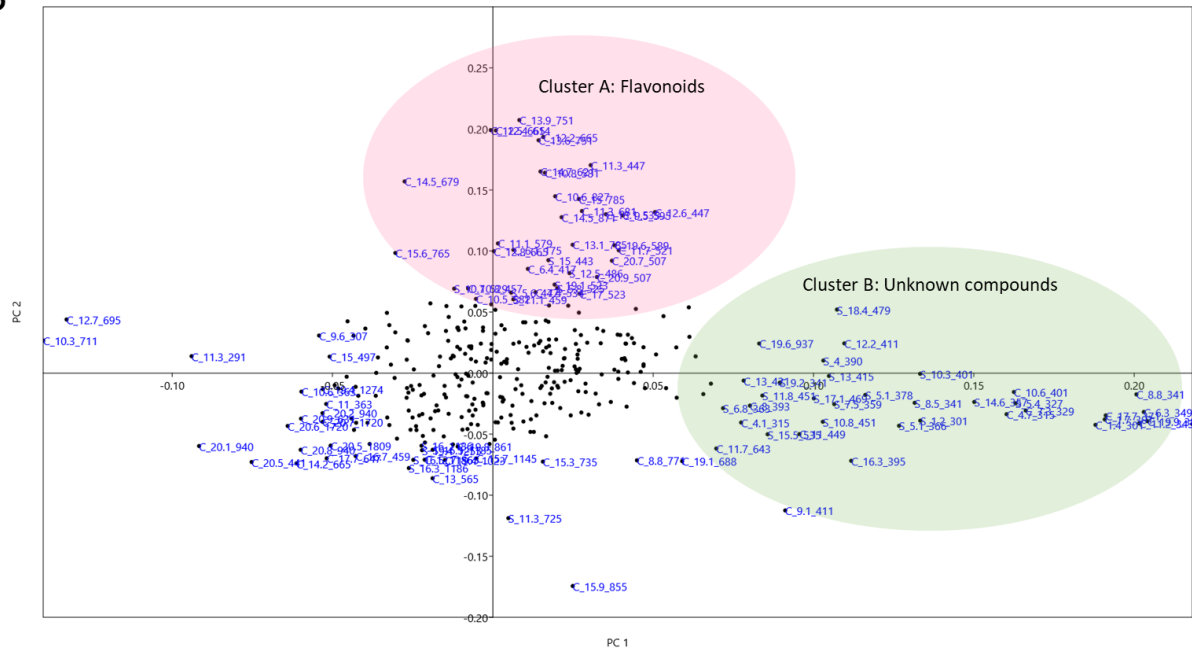


Figure 5: Principal Components Analysis (PCA) of the *C. annum* G2PSOL core collection based on ~350 putative semi-polar secondary metabolites extracted from leaves of mature pepper plants. A) The entire collection divides into three main groups of accession based on the phytochemical composition of their leaves, which accounts for ~25% of the total phytochemical diversity assayed using LC-MS. B) Cluster A consists of accessions that accumulate a lower amount of mainly flavonoids; accessions in Cluster B accumulate low amounts that have not been annotated in Capsicum yet.

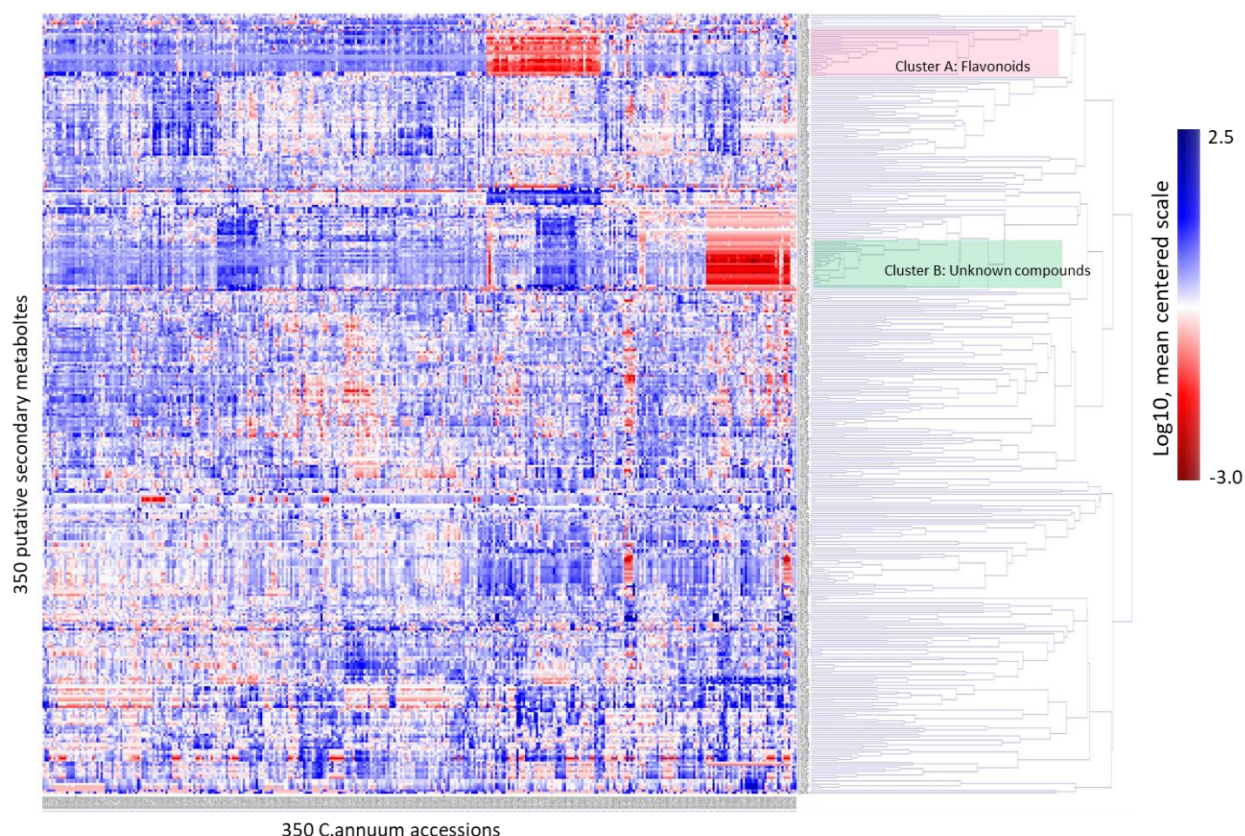


Figure 6: Heatmap of metabolite abundance ($\log_{10}$, mean centered) of the *C. annuum* core collection based on ~350 putative semi-polar secondary metabolites extracted from leaves of mature pepper plants.

Additionally, the VOC profiles of 32 *Capsicum* accessions were analyzed and visualized using a heatmap to illustrate the relative abundance of each compound across the accessions (Figure 7). The heatmap revealed distinct clustering patterns, indicating variability in VOC composition among the different accessions. Several VOCs, for instance, hexyl 2 and 3 methylbutanoate, isopentyl 2-methylbutanoate and pentanoic acid, 4 methyl-, pentyl ester, exhibited particularly high variability and contributed significantly to the differentiation among accessions.

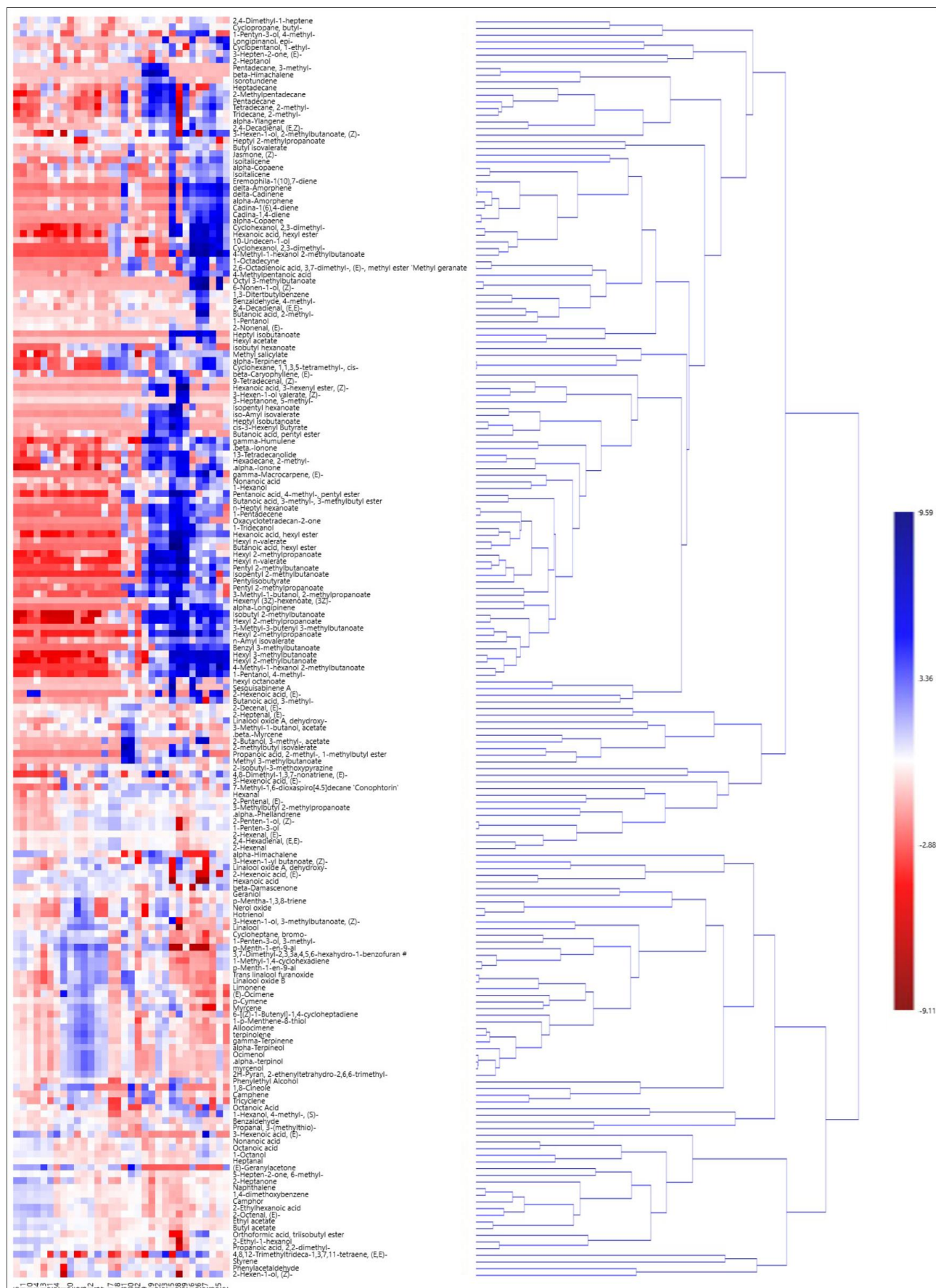


Figure 7: Heatmap of metabolite abundance ($\log_2$, mean-centered) in 32 *C. annuum* accessions based on 32 volatile organic compounds (VOCs) extracted from leaves of mature pepper plants.

5 Conclusions

In D3.3 we successfully established and applied robust metabolomic workflows across multiple plant systems like rice, citrus, tomato, and pepper. These workflows, based on GC-MS, LC-MS, and HS-SPME/GC-MS platforms, enabled the generation of high-resolution metabolite profiles under diverse genetic and environmental conditions.

In rice, lipidomic analysis of 761 accessions revealed extensive natural variation across 139 lipid traits, supporting the identification of metabolite patterns associated with adaptation, grain quality, and growth-related traits. Further lipidomic profiling of CRISPR/Cas9 knockout lines targeting lipid-related genes (*GPAT* and *GDSL*) revealed a functional link between lipid metabolism, particularly triacylglycerol (TAG) accumulation and plant height, highlighting the role of lipids in regulating plant biomass and vigor.

In citrus, metabolomic profiling of *Satsuma mandarin* flavedo revealed that postharvest treatments with indole-3-acetamide and 2,4-dichlorophenoxyacetic acid induced distinct metabolic shifts in sugars, organic acids, and amino acids. IAM notably increased levels of amino acids linked to stress resistance and elevated ornithine, a precursor of polyamines associated with fruit preservation. Clustering and PLS-DA analyses showed clear treatment-specific separation, underscoring the impact of these compounds on peel metabolism and postharvest quality.

In pepper, LC-MS profiling of 350 *Capsicum annuum* accessions revealed extensive diversity in secondary metabolites, particularly flavonoids and other phenolic compounds. Principal Component and heatmap clustering analyses uncovered distinct metabolic signatures among accessions, highlighting variation likely driven by genetic and environmental factors. Flavonoids, known for their roles in stress adaptation, plant development, and human health, emerged as key contributors to both plant resilience and fruit quality. Their diverse functions, from antioxidant activity to modulation of flavor and shelf life, underscore their value as breeding targets. This metabolic variation provides a strong basis for GWAS aimed at identifying genes and pathways involved in phytonutrient biosynthesis and stress tolerance in *C. annuum*.

Together, these efforts underscore the value of refined metabolomic pipelines in identifying key compounds relevant for plant resilience, nutrition, and food quality. Importantly, the inclusion of diverse germplasm, including CWR and traditional varieties, reinforces the role of metabolomics in tapping underutilized biodiversity for sustainable agriculture and breeding innovation.

6 Deviations

We focused primarily on genome-scale association panels rather than traditional biparental crosses, as these panels offer significantly enhanced mapping power and higher resolution for detecting marker-trait associations. GWAS conducted on such panels enable the identification of a broader spectrum of natural genetic variation across diverse germplasm, much of which is typically absent in biparental populations due to their limited allelic diversity.

Looking ahead, we plan to extend these studies by incorporating CWRs which represent a rich and largely untapped reservoir of genetic diversity. Including these wild accessions will facilitate the discovery of adaptive traits and alleles that may have been lost or underutilized during the process of domestication and modern breeding. The resulting data will be integrated with our existing datasets to provide a more comprehensive resource for dissecting complex traits and to enable direct comparison with CWRs and introgression lines derived from them, thereby guiding future breeding strategies.

While both CWR and WFP materials fall within the broader scope of WP3, comprehensive metabolomic profiling of specific CWR introgression lines was not included in the current reporting due to the limited availability of well-characterized and phenotyped introgression populations during this period. This constitutes a partial deviation from the original deliverable.

In addition to the large-scale metabolomic and phenotypic characterization of natural variation with cultivated accessions, we incorporated CRISPR-Cas9 KO lines in rice to functionally validate candidate genes identified through GWAS. Although the generation and reporting of edited lines were not originally included in D3.3, KO lines targeting *GPAT* and *GDSL* genes were developed to confirm their causal role in regulating plant height. While this represents a deviation from the original plan, it provided valuable mechanistic insights and significantly strengthened the interpretation of the genetic associations observed in the natural diversity panel.

7 References

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Rice Lipid Raw Data	GW1	GW2	GW3	GW4	GW5	GW6	GW7
DGDG 32:0	42190	20484	44052	61440	23724	38326	59892
DGDG 34:1	38602	38271	97593	75881	27050	47320	90937
DGDG 34:2	230058	230720	480955	530027	178686	322255	400010
DGDG 36:2	28797	26091	107164	28073	40206	36419	97814
DGDG 36:3	60490	91414	147271	67736	71172	79006	132470
DGDG 36:4	193808	279732	381135	248159	194640	254000	334580
DGDG 36:5	67512	118090	105991	87476	41794	81021	107179
DGDG 36:6	103237	98857	98367	76273	21400	87319	79842
MGDG 32:0	7637	8897	22537	24951	12100	21236	27618
MGDG 34:0	19946	13344	49335	19851	51521	25097	48054
MGDG 34:1	7507	10808	38807	26530	12974	12315	35697
MGDG 34:2(1)	56784	57040	98223	177955	115891	132956	107981
MGDG 34:2(2)	32263	53562	117480	186760	87941	101533	161741
MGDG 36:3	26976	44928	65187	55131	54827	47608	92992
MGDG 36:4	68924	115572	135178	185080	117088	113517	205012
MGDG 36:5	39613	59457	48291	77494	38461	48241	77440
MGDG 36:6	73339	68638	57478	72260	25228	57188	78219
PC 32:0	169425	189543	321867	299227	352000	204532	237645
PC 32:1	318758	457948	382671	496728	369924	267064	585094
PC 32:2	167557	310425	240215	227933	294602	146927	303169
PC 34:1	7988390	8711747	11100000	10700000	9004594	8954556	9086198
PC 34:2	4937776	6071027	6762177	6555513	6730393	5548727	5024851
PC 34:3(1)	85163	169052	144888	116781	74641	141999	52945
PC 34:3(2)	26849	24023	55742	49717	62865	34480	41513
PC 34:4	49140	77206	62495	84489	61141	43281	101737
PC 36:1(1)	56911	79149	74490	72805	62534	51485	40228
PC 36:1(2)	469611	696438	971756	480373	655193	471593	785412
PC 36:2	6616725	7031353	11700000	9210816	8541132	6981204	9437774
PC 36:3	8089940	9962391	13000000	9382976	10100000	8606018	9307967
PC 36:4(1)	2976376	5021956	5374627	3738396	5244992	3851786	3707736
PC 36:4(2)	1118985	1125310	1225265	1199246	1218285	1208623	1185123
PC 36:5(1)	280532	687232	623975	343972	306921	295631	243737
PC 36:5(2)	821994	1053207	1035334	1023515	1111755	975892	920090
PC 38:2(1)	39555	70529	87544	59461	77907	41197	72054
PC 38:2(2)	24824	43503	49366	20581	127245	31053	42900
PC 38:3	27459	60740	66200	46158	66316	29259	47161
PC 38:4(1)	30494	46587	43225	41240	34238	29287	23749
PC 38:4(2)	75671	116551	164872	85096	115054	82246	137638
PC38:5	986090	1028971	1128898	1090643	1192882	1008271	1069473
PC38:6	1080656	1185038	1313418	1213409	1206781	1171237	1235873
PE 34:1	500153	791404	1057010	940728	811332	682094	831266
PE 34:2	935249	1204026	1140774	1395482	1214076	997693	883817
PE 34:3	11716	24404	21679	19222	11487	20272	7622
PE 36:2	219007	348650	752720	417433	522237	308753	536863
PE 36:3	623553	928925	1281352	893522	1193360	706474	930724
PE 36:4	759035	1114779	946416	920884	1109179	883486	851291
PE 36:5(1)	12706	33205	32220	19222	25056	24126	13904
PE 36:5(2)	163243	198987	177813	211020	209357	173928	154140
TAG 48:0	6553200	2793425	5704527	6282447	5353335	7021525	7187735

Rice Lipid Raw Data	GW1	GW2	GW3	GW4	GW5	GW6	GW7
TAG 48:1	3731633	4046600	3871667	4525673	3179605	3063015	5819078
TAG 48:2	7542385	7670259	5370974	9119987	6460425	5657041	9701406
TAG 48:3 (1)	388187	705583	337702	592840	323392	303483	616946
TAG 48:3 (2)	37721	144569	71786	121198	129488	123896	107326
TAG 48:4(1)	100901	331536	109028	160854	113840	112039	156153
TAG 48:4(2)	27011	87965	27763	51898	43663	47588	37867
TAG 50:0	3168997	1852484	3583552	2645183	2721087	3230191	4202445
TAG 50:1	61800000	51900000	71500000	58200000	55500000	68500000	65000000
TAG 50:2	102000000	85900000	96600000	93700000	96000000	104000000	105000000
TAG 50:3	19300000	22400000	17900000	20400000	17100000	16100000	24100000
TAG 50:4	7527577	14100000	5659530	9599598	6002936	5653702	8263464
TAG 50:5 (1)	383026	1019930	270797	541700	318155	261147	494148
TAG 50:5 (2)	26997	164209	33435	40831	62516	51537	41382
TAG 52:0	1983753	1620269	2579568	1900223	1848206	1965955	2551928
TAG 52:1	26400000	25400000	36700000	20700000	19900000	29500000	32100000
TAG 52:2	105000000	94000000	109000000	96400000	94500000	100000000	113000000
TAG 52:3	134000000	134000000	137000000	134000000	127000000	134000000	139000000
TAG 52:4	124000000	142000000	123000000	123000000	124000000	124000000	128000000
TAG 52:5	22900000	31800000	21700000	22500000	22700000	23500000	22300000
TAG 52:6	944930	1197026	770590	800133	620653	730664	688895
TAG 54:0	774736	783103	986950	721321	741260	776442	1002437
TAG 54:1	13500000	13300000	16400000	11400000	11900000	14500000	16900000
TAG 54:2	42800000	48900000	55600000	39400000	38000000	45600000	53900000
TAG 54:3	97400000	96500000	105000000	99700000	89700000	93600000	99400000
TAG 54:4	117000000	132000000	134000000	126000000	121000000	126000000	126000000
TAG 54:5	115000000	149000000	132000000	124000000	124000000	122000000	125000000
TAG 54:6	63800000	110000000	68500000	65900000	70500000	69900000	62100000
TAG 54:7	9902930	23000000	9599169	9928293	10600000	9067118	8882878
TAG 54:8	519138	1284687	485797	439422	455470	425089	415875
TAG 56:0	359804	187558	358810	336170	429906	439519	434867
TAG 56:1	4516193	4206977	4429030	3391875	4019762	4639612	5529681
TAG 56:2	21200000	20400000	20100000	19800000	20600000	21400000	26300000
TAG 56:3	22000000	26300000	21800000	23400000	24200000	21800000	27200000
TAG 56:4	13100000	19000000	10300000	12800000	16700000	13600000	12800000
TAG 58:0	82347	46292	102306	80120	110256	108396	113100
TAG 58:1	3936612	3585080	3910101	3162602	4156735	4371178	4012618
TAG 58:2	11300000	9806774	10400000	9293224	12300000	11800000	12300000
TAG 58:3	5831819	7002223	5872198	5638417	7245613	6304849	7535626
TAG 58:4	5711728	7878712	4998490	4995859	6768531	5783061	6012648
TAG 58:5	713791	943840	787811	856550	678655	675596	620813
TAG 60:1	967785	933574	1202708	753308	1228056	1121939	1049091
TAG 60:2	7331033	7725069	8685758	6109352	8379072	7516200	8399083
TAG 60:3	6528711	8383024	7700158	6154478	9214215	6799107	7681239
TAG 60:4	6368459	9232839	5966103	5090800	8180345	6565737	5905434
TAG 60:5	675428	947166	536125	526803	856891	659800	573870
TAG 60:6	41526	60967	101536	49867	36831	37780	27943
DAG 34:1	35911	71364	138754	62827	121896	61679	87237
DAG 34:2	142587	213911	267326	182709	311613	197817	258342
DAG 36:2	72417	219749	347022	175131	258959	174198	296967

Rice Lipid Raw Data	GW1	GW2	GW3	GW4	GW5	GW6	GW7
DAG 36:3	278437	591559	731828	366008	720973	341341	568714
DAG 36:4	577909	1238051	914656	750488	1108597	743301	834784
DAG 36:5	89350	186485	128566	109701	187641	88093	107683
Lyso-MGDG 16:0	152815	151442	263203	235229	174314	218988	198060
Lyso-MGDG 18:0	16295	14216	36953	14429	17527	16345	32117
Lyso-MGDG 18:1	5516	10359	26035	12718	6385	7306	27212
Lyso-MGDG 18:2	29585	66374	78851	77607	35867	48915	126725
Lyso-DGDG 16:0	60375	48826	127910	114824	31426	83022	99522
Lyso-DGDG 18:1	20318	34143	50533	14507	12065	18299	26695
Lyso-DGDG 18:2	86995	137953	180814	65166	47122	96942	140754
Lyso-PC 16:0	5259377	5367108	6727692	6175531	6653815	6881576	6493442
Lyso-PC 16:3	65096	130905	78822	95820	52249	66943	126384
Lyso-PC 18:0	325100	336707	572277	228432	472969	383714	596648
Lyso-PC 18:1	1101396	1826635	1872127	1005553	1217885	1336431	1907592
Lyso-PC 18:2	3112253	3549269	3123402	2528339	2895942	3560524	3070250
Lyso-PC 18:3	1001088	1028100	1205416	1149450	1209132	1219234	1190841
Lyso-PE 16:0	354307	364967	464776	432093	372580	471963	466039
Lyso-PE 18:0	3072	9602	9561	12796	5511	4145	10318
Lyso-PE 18:1	45672	74589	97743	49733	50523	57490	96585
Lyso-PE 18:2	281288	319811	324229	258576	229259	328832	359307
Lyso-PE 18:3	67077	71615	86609	81243	69073	87366	86831
SQDG 32:0	256500	116899	221130	188517	107998	127063	264149
SQDG 34:2	59486	15994	66197	87443	31907	40646	38672
PG 32:0	130664	91080	116595	174503	169206	120401	227587
PG 34:1	107553	170538	256623	153058	126452	149319	147913
PG 34:2	181048	177285	198410	192191	163922	183755	133160
PG 36:3	21131	42182	89225	31711	37938	31726	43862
PS 36:0	82666	122022	100272	124789	98030	66554	150773
PS 36:1	28691	52254	33856	36319	45230	23835	42189
PS 38:0	1457948	1505688	1755089	1681677	1544704	1474576	1534615
PS 38:1	955994	1103209	1192098	1138630	1180777	1046645	952696
PS 38:2	20255	40826	36152	27995	17436	33012	11070
PS 40:0	66410	133203	202640	69412	124268	70550	158928
PS 40:1	1040961	1070390	1405690	1275279	1101592	1131985	1268246
PS 40:2	1372923	1517948	1642973	1473422	1575722	1428432	1481287
PS 40:3	623805	921328	953780	728000	979984	740710	711584
PS 40:4	24233	55335	59870	35207	38940	45304	26489
PI 34:1	582426	892239	1233700	977236	842390	661247	517958
PI 34:2	1601287	1747773	1618340	2107100	1747255	1615422	1214912
PI 34:3	63000	100809	60191	89114	40143	71091	27629
PI 36:4	112293	184185	203119	146616	191167	104993	159521

Rice Lipid Raw Data	GW8	GW9	GW10	GW11	GW12	GW13	GW14
DGDG 32:0	19211	19300	23707	30910	27194	8883	48400
DGDG 34:1	32704	31348	32456	60686	71509	16916	53842
DGDG 34:2	139840	135561	220095	307907	355572	99652	320328
DGDG 36:2	31648	33119	36992	79355	47645	12746	41270
DGDG 36:3	103894	106386	59135	132012	109308	36926	64835
DGDG 36:4	243490	233089	243227	296481	271112	130613	196398
DGDG 36:5	74839	74129	71211	73046	72300	33912	63948
DGDG 36:6	44866	43078	72892	55696	61645	19118	56919
MGDG 32:0	12301	12538	10516	15466	16674	7165	16103
MGDG 34:0	13388	14162	27236	29977	100020	21397	36541
MGDG 34:1	9476	6541	11006	25341	93722	19925	24162
MGDG 34:2(1)	27969	23536	64393	55306	208713	88984	270844
MGDG 34:2(2)	41009	40977	67534	93733	186183	38075	87405
MGDG 36:3	61520	57943	55814	116395	79989	26971	50356
MGDG 36:4	108110	100152	143140	164414	114534	74709	127165
MGDG 36:5	32814	33574	50444	59791	33044	29682	66809
MGDG 36:6	43970	37489	80143	53142	43689	34689	87966
PC 32:0	252970	221277	354558	298525	359837	366596	280718
PC 32:1	429333	403545	354916	417508	544238	589466	529697
PC 32:2	248362	215172	247981	272927	488053	772958	317037
PC 34:1	8968924	8795750	11800000	12100000	9653581	9753959	8981053
PC 34:2	5066684	4359124	7819256	7634619	8495333	7228262	5386274
PC 34:3(1)	88303	74727	104954	153336	178797	86120	86838
PC 34:3(2)	38103	32739	65137	51850	65015	63693	46318
PC 34:4	73779	68072	56708	68589	90722	103093	92448
PC 36:1(1)	58252	54613	86232	121106	55600	99895	56750
PC 36:1(2)	973927	907050	772815	1027489	620254	845166	596931
PC 36:2	10700000	10500000	8328040	11300000	7250014	10200000	8182676
PC 36:3	9651778	9324972	11300000	12500000	11700000	13100000	9138216
PC 36:4(1)	3772748	3514324	5054066	5427561	7393208	6725808	3478342
PC 36:4(2)	1196426	1219554	1359739	1280701	1182397	1268783	1223264
PC 36:5(1)	330186	317571	328028	587213	813349	422743	248631
PC 36:5(2)	951363	820222	1189408	1177089	1254195	1171598	939393
PC 38:2(1)	101106	93137	76304	83963	82358	93031	63316
PC 38:2(2)	45798	44646	52596	67000	57828	80110	49662
PC 38:3	62464	57592	60995	67842	82425	75402	42633
PC 38:4(1)	33416	31626	47107	66621	30272	56135	31478
PC 38:4(2)	169908	162719	137286	187758	111649	150776	106093
PC38:5	1167349	1152728	1104499	1107284	933645	1179461	1104289
PC38:6	1217801	1201739	1292288	1272981	1227317	1307170	1213588
PE 34:1	890052	830990	935210	1074151	799904	674854	730316
PE 34:2	787291	748351	1098392	1324413	1286222	963319	976422
PE 34:3	10756	9604	13786	20515	23648	12568	13813
PE 36:2	675554	621688	424410	669983	305973	475556	370914
PE 36:3	1005345	868981	1018499	1249871	916316	1153131	913508
PE 36:4	798425	755319	998900	1033025	1141596	1064760	977954
PE 36:5(1)	20133	17919	22463	28141	36955	25965	23222
PE 36:5(2)	137181	133594	180815	190221	207892	172848	164364
TAG 48:0	3851442	3970681	3170719	4833308	4513036	2455336	7129478

Rice Lipid Raw Data	GW8	GW9	GW10	GW11	GW12	GW13	GW14
TAG 48:1	3853191	3274393	3467013	3552384	7192581	5361521	5153122
TAG 48:2	4447940	3984929	5543277	4629772	15600000	10100000	10500000
TAG 48:3 (1)	379906	334520	423243	377530	837724	789672	596520
TAG 48:3 (2)	170089	147501	156825	185222	121079	190399	75941
TAG 48:4(1)	126401	110664	175057	150012	274438	271204	176293
TAG 48:4(2)	52080	46469	45448	73353	86790	70485	43693
TAG 50:0	3000468	2781288	1837009	2835477	2334037	1758305	3413161
TAG 50:1	59600000	58100000	55000000	62100000	57800000	52400000	65100000
TAG 50:2	85000000	80600000	89800000	90700000	101000000	85200000	102000000
TAG 50:3	17300000	15300000	19000000	17800000	26500000	23500000	23900000
TAG 50:4	5091510	4443458	7048061	5595318	13400000	12400000	11600000
TAG 50:5 (1)	309810	257773	330393	284000	726774	921867	677015
TAG 50:5 (2)	103878	90355	105832	99361	75409	142446	34341
TAG 52:0	2576832	2349387	1495054	2011802	1569290	1547509	2213474
TAG 52:1	32200000	35300000	25800000	28900000	24200000	24500000	27200000
TAG 52:2	106000000	100000000	101000000	106000000	97700000	103000000	101000000
TAG 52:3	135000000	137000000	139000000	135000000	139000000	134000000	141000000
TAG 52:4	117000000	108000000	139000000	123000000	129000000	122000000	126000000
TAG 52:5	21300000	18300000	23900000	24300000	28100000	25500000	28700000
TAG 52:6	583783	501843	657662	796811	981050	768801	963805
TAG 54:0	1176690	1088404	572706	843495	626879	598122	809405
TAG 54:1	19900000	20500000	13900000	14800000	10800000	12200000	14000000
TAG 54:2	57500000	57500000	44900000	49200000	43400000	45300000	46400000
TAG 54:3	107000000	102000000	98000000	95100000	94200000	97000000	99400000
TAG 54:4	125000000	130000000	128000000	130000000	120000000	120000000	123000000
TAG 54:5	130000000	135000000	138000000	139000000	136000000	132000000	120000000
TAG 54:6	71300000	66400000	92200000	78000000	84200000	79400000	73600000
TAG 54:7	11100000	9594201	13300000	12300000	14200000	14900000	11700000
TAG 54:8	512041	395960	538946	609803	845124	707612	594650
TAG 56:0	335465	330288	185740	322293	197741	169704	469286
TAG 56:1	6760877	6890809	4316074	4775665	3273409	3606272	4655543
TAG 56:2	32700000	31400000	20600000	21200000	15800000	20100000	22200000
TAG 56:3	34000000	33600000	25600000	27100000	22100000	25400000	22300000
TAG 56:4	15600000	14800000	19300000	14700000	17000000	18100000	14100000
TAG 58:0	93751	91536	47154	99676	43106	38186	109414
TAG 58:1	5031165	5059260	4178757	4152013	2948998	2723468	4527287
TAG 58:2	14600000	13800000	10700000	11200000	9479159	9389303	11200000
TAG 58:3	9442122	9283866	7350237	7096558	6055687	6624836	6387523
TAG 58:4	7778317	6963265	7926318	6040217	6573908	7491324	5752821
TAG 58:5	754102	681669	828522	654012	811911	748606	794238
TAG 60:1	1444787	1373016	1033120	1331962	696455	677012	1325634
TAG 60:2	11500000	11300000	7244410	8023267	5326544	5949292	8911555
TAG 60:3	9905973	9488900	8799766	8924636	6849758	7247749	7242435
TAG 60:4	8091029	7538735	8754560	7488497	7543124	7225398	6540756
TAG 60:5	786064	684907	728734	753388	620589	742098	751276
TAG 60:6	37966	34720	46691	37654	84052	41185	39954
DAG 34:1	66703	85886	55265	190136	41996	44393	68477
DAG 34:2	94925	130584	194599	354481	157851	146078	214562
DAG 36:2	247744	282974	162589	346319	114509	145608	194486

Rice Lipid Raw Data	GW8	GW9	GW10	GW11	GW12	GW13	GW14
DAG 36:3	423718	541714	449755	872899	283954	348004	324018
DAG 36:4	605542	652499	965786	1129480	672347	683141	845637
DAG 36:5	74543	89130	122322	201318	101867	93345	98577
Lyso-MGDG 16:0	85857	100768	222021	154952	766764	279569	291626
Lyso-MGDG 18:0	10501	13069	28352	39603	45021	27197	28310
Lyso-MGDG 18:1	6583	8904	9811	22248	31941	6194	8827
Lyso-MGDG 18:2	35530	47005	56034	77587	68045	24435	58358
Lyso-DGDG 16:0	20855	32957	69821	71981	89274	21979	81255
Lyso-DGDG 18:1	13731	20016	19683	32496	14681	7427	20251
Lyso-DGDG 18:2	63257	93980	124630	150483	38888	37345	108048
Lyso-PC 16:0	3252290	5204422	6233385	6779206	4828382	8580482	7421584
Lyso-PC 16:3	51649	68741	78790	57018	59386	286977	182642
Lyso-PC 18:0	360988	510440	484844	1038073	497900	516720	420563
Lyso-PC 18:1	1444734	2094006	1361323	2151430	1046119	3027517	1218099
Lyso-PC 18:2	2712124	3870691	2969953	4551042	540649	4810416	3912860
Lyso-PC 18:3	736345	1062132	1157639	1252161	1006934	1369231	1247357
Lyso-PE 16:0	245887	334669	404767	425043	284796	486307	485695
Lyso-PE 18:0	8153	11334	6034	6806	26053	20616	15728
Lyso-PE 18:1	68330	88774	64851	105673	36689	114577	73223
Lyso-PE 18:2	248083	345966	307176	373802	31484	285275	342391
Lyso-PE 18:3	49435	65918	74549	80139	56134	90146	89271
SQDG 32:0	125857	135596	145487	254725	155814	100597	150096
SQDG 34:2	24233	22351	97607	73494	25430	36350	44050
PG 32:0	96724	96979	118960	172721	89812	65575	179976
PG 34:1	208505	188737	209497	227356	171704	134941	127020
PG 34:2	135256	129838	223867	221370	201670	147071	172114
PG 36:3	64953	66051	61626	68851	47482	61958	32445
PS 36:0	113089	102659	89659	105451	136564	140018	138464
PS 36:1	34505	29471	34163	30870	72103	80305	50093
PS 38:0	1544121	1528156	1811449	1794738	1499854	1530688	1514569
PS 38:1	957280	918886	1352728	1331845	1410768	1277382	1058001
PS 38:2	21278	18258	26036	24725	36074	21905	19137
PS 40:0	192822	189581	115246	156676	91540	180597	90212
PS 40:1	1389837	1438311	1196784	1295111	1026955	1358636	1146082
PS 40:2	1523620	1493856	1595061	1654555	1479887	1620921	1473259
PS 40:3	731470	669377	966953	992904	1290774	1215097	695516
PS 40:4	33886	32669	41259	50503	76698	47072	31174
PI 34:1	1109396	957139	1084940	1335602	899479	530127	942589
PI 34:2	1491469	1283858	1979489	2107719	1551913	1379292	1960396
PI 34:3	47466	40319	71717	79546	60342	44458	78358
PI 36:4	166005	142680	201105	223918	176959	223429	156246

Rice Lipid Raw Data	GW16	GW18	GW19	GW20	GW21	GW22	GW23
DGDG 32:0	27565	31074	22932	26989	16927	29700	38450
DGDG 34:1	42518	40343	43116	31075	33916	42367	47566
DGDG 34:2	247284	188676	198854	184502	178538	242625	234396
DGDG 36:2	46367	32957	57049	27828	38836	43391	52150
DGDG 36:3	76359	90722	79502	66002	64416	82557	56661
DGDG 36:4	229770	250656	220581	172761	165860	176178	165630
DGDG 36:5	84521	79854	54418	66955	33939	90798	65552
DGDG 36:6	98844	46146	54218	53246	13038	109867	62053
MGDG 32:0	7819	17811	13203	15628	13403	10141	20898
MGDG 34:0	20098	21128	29458	39636	75248	24137	60696
MGDG 34:1	12730	9141	13934	14949	11190	8951	24529
MGDG 34:2(1)	54120	37768	40202	98158	125816	90631	148552
MGDG 34:2(2)	46597	60882	52295	44340	60770	46563	81859
MGDG 36:3	38465	58764	38079	46321	34696	41678	43683
MGDG 36:4	100533	154445	81268	103751	98334	77664	109978
MGDG 36:5	51101	68681	29290	56242	24180	42074	50161
MGDG 36:6	68219	51746	33481	59391	12448	73473	66274
PC 32:0	155533	341724	251868	257872	318455	235950	307848
PC 32:1	569858	391024	378002	372285	296962	427572	364686
PC 32:2	380687	206842	279009	267248	199891	363418	210701
PC 34:1	8723690	10400000	7620708	8456051	7693463	8515944	7652727
PC 34:2	4840184	5913973	5466178	5677406	5054759	6350787	5038923
PC 34:3(1)	73081	124696	178220	81630	77869	196973	132519
PC 34:3(2)	26212	61025	45096	47545	57177	40441	53834
PC 34:4	98741	63203	60337	64386	48488	71740	60593
PC 36:1(1)	78631	97554	60223	54183	54658	60716	61483
PC 36:1(2)	847607	722263	875832	620413	650205	745370	625434
PC 36:2	10400000	9517650	8459697	7623398	7658592	5982343	6928692
PC 36:3	10400000	8445256	9738810	9588664	8835958	8876650	8406796
PC 36:4(1)	3617516	3085285	4562721	4179544	3816849	4437801	3397951
PC 36:4(2)	1199118	1236644	1090993	1184938	1131155	1193914	1122126
PC 36:5(1)	268272	250328	416120	299227	231719	528528	241682
PC 36:5(2)	879802	1019737	964692	997346	929806	1064475	892294
PC 38:2(1)	43155	64693	68683	53094	49062	52881	62005
PC 38:2(2)	18542	22063	49850	63419	44744	49239	46391
PC 38:3	32179	35876	51410	50887	34730	50031	40074
PC 38:4(1)	44957	56165	34347	29629	29407	33106	33383
PC 38:4(2)	151917	130594	158377	113413	113189	136968	107851
PC38:5	1181641	1163609	1110327	1072236	1016130	1026418	1033369
PC38:6	1279688	1174012	1226973	1228335	1189303	1110563	1150002
PE 34:1	713042	1052262	835259	646900	621060	597470	645681
PE 34:2	1065730	1026774	915381	975843	767854	1156090	889115
PE 34:3	13371	24587	20205	9977	9418	17045	12542
PE 36:2	357203	589993	496289	361701	375914	207690	307833
PE 36:3	789062	1005519	948247	789491	776267	656472	734295
PE 36:4	899001	808743	857782	891188	706304	919492	795439
PE 36:5(1)	13960	19065	28630	14332	12789	16649	16946
PE 36:5(2)	177934	178403	164562	174197	148706	193440	161984
TAG 48:0	3489896	4916198	3094019	7382471	4095240	3666248	6204625

Rice Lipid Raw Data	GW16	GW18	GW19	GW20	GW21	GW22	GW23
TAG 48:1	3801421	3697256	3736757	3609083	2595135	3700784	3516229
TAG 48:2	6305209	4479491	5978697	8467099	5501893	8992746	6779383
TAG 48:3 (1)	443556	329982	451650	396834	268708	462400	334022
TAG 48:3 (2)	96306	99312	80830	44191	34048	69199	59230
TAG 48:4(1)	185511	104518	182158	106297	77495	166703	116761
TAG 48:4(2)	49598	31008	40100	20807	14005	47642	29803
TAG 50:0	2932955	2508387	2402967	3994622	2380984	2313451	3549613
TAG 50:1	49400000	59100000	48400000	62500000	52700000	54000000	59700000
TAG 50:2	74200000	84000000	77200000	99500000	86800000	94400000	93600000
TAG 50:3	18500000	17100000	17800000	19400000	14100000	20000000	17400000
TAG 50:4	9407052	5291408	8713316	9647299	6543220	10700000	7304439
TAG 50:5 (1)	509028	307977	503427	497342	351421	651566	395048
TAG 50:5 (2)	61982	36881	64995	28508	24876	44970	30110
TAG 52:0	2666649	1986389	1968596	2465261	1646999	1715269	2165140
TAG 52:1	30100000	24300000	28000000	27300000	23900000	24600000	28400000
TAG 52:2	95800000	99600000	97200000	106000000	98400000	100000000	99900000
TAG 52:3	134000000	127000000	131000000	139000000	124000000	133000000	132000000
TAG 52:4	121000000	109000000	119000000	129000000	118000000	126000000	128000000
TAG 52:5	20000000	20000000	22400000	25100000	20400000	25400000	21900000
TAG 52:6	702910	729227	799593	994168	706522	975646	841707
TAG 54:0	1215156	778165	867120	846964	606470	619987	832073
TAG 54:1	16900000	13500000	14100000	13300000	10900000	12300000	13300000
TAG 54:2	55800000	43100000	50200000	44600000	43100000	42700000	43900000
TAG 54:3	108000000	97100000	95900000	94100000	96500000	91400000	94400000
TAG 54:4	125000000	121000000	124000000	120000000	118000000	118000000	117000000
TAG 54:5	127000000	123000000	133000000	121000000	112000000	123000000	115000000
TAG 54:6	72600000	67700000	76900000	73400000	64000000	78100000	71200000
TAG 54:7	11000000	9864626	12800000	11200000	10600000	12600000	9838080
TAG 54:8	607055	503436	737003	536700	520647	627289	465256
TAG 56:0	336869	295236	228643	450439	290724	275849	429223
TAG 56:1	4772481	4431535	4509503	4157743	3552154	3975765	4556416
TAG 56:2	23200000	20900000	21300000	19600000	19200000	18500000	21600000
TAG 56:3	23400000	22500000	24400000	20400000	20600000	22600000	22100000
TAG 56:4	11900000	13000000	15500000	12200000	13400000	18100000	14700000
TAG 58:0	108831	84895	72919	121090	74493	74538	116301
TAG 58:1	3997190	3989508	3278008	3683958	2848750	3357348	4314342
TAG 58:2	11300000	10500000	9913755	10400000	9361151	9738094	11300000
TAG 58:3	5841405	6159015	6414235	5294164	5483480	6292269	6357688
TAG 58:4	5427265	4975151	6407109	4873346	5264655	6653370	5540199
TAG 58:5	529286	560674	746390	592360	602145	791702	686656
TAG 60:1	1306528	1047384	977127	1096060	770880	1050374	1207210
TAG 60:2	9864784	7754934	7360228	7121075	6463656	6821169	8454495
TAG 60:3	8141538	7234342	7161671	6213183	5927127	7045199	6863576
TAG 60:4	6787457	6057009	6942000	5454550	6142327	8031722	6576606
TAG 60:5	607603	627068	707599	592698	664412	899213	733227
TAG 60:6	28827	29209	47334	31670	34586	44749	41769
DAG 34:1	29636	64331	52569	77967	42513	25475	60198
DAG 34:2	40552	139222	80179	234021	91108	116689	178975
DAG 36:2	127547	180739	179394	221856	143865	75146	172467

Rice Lipid Raw Data	GW16	GW18	GW19	GW20	GW21	GW22	GW23
DAG 36:3	112495	358149	334769	390375	188043	195738	426461
DAG 36:4	249054	659955	699586	817836	520571	607698	738630
DAG 36:5	40982	95243	92415	111702	70686	83568	105119
Lyso-MGDG 16:0	176808	135489	176476	234844	229118	235518	236910
Lyso-MGDG 18:0	24521	17854	28987	27186	33629	21648	32639
Lyso-MGDG 18:1	9046	7850	11003	6406	1935	8540	7216
Lyso-MGDG 18:2	41927	39744	47635	35240	14349	48532	35490
Lyso-DGDG 16:0	45603	44957	55508	49190	22674	66383	39149
Lyso-DGDG 18:1	23609	16956	27733	13687	4531	18104	12389
Lyso-DGDG 18:2	114438	79567	132673	60554	21780	120384	40890
Lyso-PC 16:0	5072575	5744188	5990672	7575190	4849116	7005971	5457206
Lyso-PC 16:3	104525	75699	108334	111242	60098	124428	60004
Lyso-PC 18:0	428573	474023	552692	550245	419936	450653	494360
Lyso-PC 18:1	1716217	1621809	1794298	1419679	772089	1307057	1083410
Lyso-PC 18:2	3304514	3240883	3364066	3259143	2196296	3958361	2602753
Lyso-PC 18:3	1029399	1117949	1162790	1300834	1009721	1257549	1067596
Lyso-PE 16:0	344832	427185	405886	485285	313077	451233	359298
Lyso-PE 18:0	8171	4606	7855	5838	5728	10125	5173
Lyso-PE 18:1	87936	108917	123007	86073	40942	80771	63061
Lyso-PE 18:2	256856	312275	304421	300320	182727	320720	196267
Lyso-PE 18:3	67651	80445	80652	87649	58381	82806	68764
SQDG 32:0	256570	210246	156364	193263	113160	198304	202548
SQDG 34:2	61139	32682	26877	43921	31475	41365	38685
PG 32:0	85318	143298	123920	144938	91105	160485	152464
PG 34:1	159519	176556	147772	130803	121177	149273	123352
PG 34:2	190446	179192	154309	172356	127167	206076	157773
PG 36:3	40147	42576	56363	33054	42360	29547	31450
PS 36:0	143606	100876	95116	96632	74979	108987	100706
PS 36:1	49748	24564	44378	39986	34638	56228	40028
PS 38:0	1520346	1701650	1389089	1479685	1399933	1505809	1443820
PS 38:1	948362	1049800	1100709	1115487	1019905	1181667	1028346
PS 38:2	14126	25017	33634	14081	12182	35161	27152
PS 40:0	160479	127020	170949	115191	125180	138696	116206
PS 40:1	1293431	1265682	1204059	1039074	1173914	928620	1065677
PS 40:2	1568366	1417618	1484894	1507628	1476649	1467622	1431681
PS 40:3	728012	627295	915661	817902	766981	860341	702799
PS 40:4	28618	28767	50490	29712	26673	40292	31204
PI 34:1	983268	1208904	1146779	831017	910677	780283	1006649
PI 34:2	1835008	1866954	1774155	1737499	1489720	1807868	1944365
PI 34:3	67481	66027	85105	49524	34028	80943	76446
PI 36:4	163704	180362	250937	177307	210891	143615	168992

Rice Lipid Raw Data	GW24	GW25	GW26	GW27	GW28	GW29	GW30
DGDG 32:0	26631	110225	35473	20902	23397	20521	53908
DGDG 34:1	28664	112314	35912	24178	39773	19821	35573
DGDG 34:2	179349	534425	226902	141726	196526	172093	250353
DGDG 36:2	32684	56183	17505	25724	25121	31193	46878
DGDG 36:3	46768	77662	59349	56175	66815	47689	42895
DGDG 36:4	136331	221506	174096	148043	161030	203468	163668
DGDG 36:5	27737	53403	57215	51895	55244	55174	58899
DGDG 36:6	14881	50242	57647	32138	36489	29118	61280
MGDG 32:0	16202	30287	8655	20221	20789	11494	13479
MGDG 34:0	58890	60818	32508	60263	31648	29482	68237
MGDG 34:1	10054	63352	13729	18936	29234	11318	23667
MGDG 34:2(1)	99081	195746	94505	111681	147693	97282	112331
MGDG 34:2(2)	46524	123082	33786	47088	72789	45669	62188
MGDG 36:3	27986	49252	29892	41362	45249	31477	29469
MGDG 36:4	67009	108592	63933	78041	107192	109152	73571
MGDG 36:5	16621	50478	37259	35278	50288	40402	44054
MGDG 36:6	11110	46939	34742	27614	45096	16396	41060
PC 32:0	359317	197166	208433	276068	285984	256361	306030
PC 32:1	198817	649960	251730	278671	463171	242896	330634
PC 32:2	174982	339388	153328	183022	176894	155277	216774
PC 34:1	6269816	8810767	7118355	8262335	9971820	7714829	7689486
PC 34:2	5344900	5023932	4995930	5105142	4654829	4912619	5243024
PC 34:3(1)	102501	94302	103439	85567	104365	33800	131720
PC 34:3(2)	65215	30889	35110	45232	50606	46786	53280
PC 34:4	30981	111109	40514	45942	80457	38308	52727
PC 36:1(1)	63252	70108	53712	53539	57098	42150	50725
PC 36:1(2)	502347	573376	373782	691228	515190	506675	528724
PC 36:2	6140012	8461868	5241680	7884458	8506011	6466340	5296297
PC 36:3	8325544	9474895	7223641	9209940	8267560	8619863	7591629
PC 36:4(1)	4499489	3357051	2915580	3931147	2609030	3562847	3470321
PC 36:4(2)	1035770	1182602	1056645	1137808	1244884	1104387	1145430
PC 36:5(1)	297675	207844	204005	230282	189784	173992	271055
PC 36:5(2)	928461	866806	857951	892793	860176	908578	939274
PC 38:2(1)	48417	58299	38913	55866	62144	42351	54039
PC 38:2(2)	47237	42933	22385	48786	25745	25940	45897
PC 38:3	54557	41533	43409	43844	34786	31793	39788
PC 38:4(1)	34457	40733	31413	29081	32589	24785	29466
PC 38:4(2)	86000	102120	63852	120716	92187	87486	92527
PC38:5	989863	1082668	914603	1082129	1160170	1014800	901598
PC38:6	1132936	1248267	1063645	1217594	1182989	1189663	1084992
PE 34:1	633863	682186	357405	780650	825414	644893	572478
PE 34:2	869950	1087014	915020	923793	892822	937644	980441
PE 34:3	12752	11501	9492	8921	9487	6095	22632
PE 36:2	335839	363704	173518	435802	382043	304710	238254
PE 36:3	813421	845374	329995	945115	822237	744747	735810
PE 36:4	875361	891345	696921	863061	759739	868727	895284
PE 36:5(1)	15477	18095	7979	15309	10800	8466	24489
PE 36:5(2)	160196	187907	162861	170608	160009	170143	179165
TAG 48:0	6759431	9772320	4658234	5355264	4045295	6099562	5575164

Rice Lipid Raw Data	GW24	GW25	GW26	GW27	GW28	GW29	GW30
TAG 48:1	2390772	6160727	2186189	2634297	3689839	2269475	2617747
TAG 48:2	5545899	13600000	3775634	4381541	6110684	5444671	6324544
TAG 48:3 (1)	270607	698770	210631	249603	340119	210425	400717
TAG 48:3 (2)	29317	69660	33510	62399	48729	79059	91668
TAG 48:4(1)	94323	144019	72906	81395	105451	86255	118111
TAG 48:4(2)	17152	35343	15549	25880	16432	41274	52582
TAG 50:0	3339420	4473437	2400392	3290322	2262666	3217127	3086490
TAG 50:1	61700000	71400000	51100000	59500000	48700000	61200000	53400000
TAG 50:2	101000000	104000000	77000000	94800000	74400000	95900000	85100000
TAG 50:3	16000000	25700000	11700000	14700000	16600000	14500000	16800000
TAG 50:4	6277773	10700000	3836475	4333836	8023701	5695637	6520843
TAG 50:5 (1)	365430	684288	161579	201680	338428	218670	486705
TAG 50:5 (2)	23892	29766	19807	33362	22369	33257	51296
TAG 52:0	2232837	2592806	1710538	2338252	1799841	2122523	1940554
TAG 52:1	26000000	30100000	18300000	25400000	21900000	24900000	20400000
TAG 52:2	99100000	102000000	98200000	103000000	94400000	96700000	96200000
TAG 52:3	132000000	134000000	115000000	127000000	123000000	125000000	122000000
TAG 52:4	131000000	122000000	98800000	123000000	109000000	124000000	112000000
TAG 52:5	25300000	24400000	14800000	18900000	15900000	21300000	27400000
TAG 52:6	759413	906636	440546	503557	579364	540073	1140622
TAG 54:0	839745	940666	644365	864463	658857	692223	684684
TAG 54:1	12400000	15300000	8639644	12600000	12500000	12500000	11000000
TAG 54:2	41400000	45900000	33600000	44200000	42500000	42000000	36900000
TAG 54:3	87100000	96800000	87700000	96000000	100000000	99700000	83100000
TAG 54:4	119000000	113000000	104000000	121000000	117000000	119000000	104000000
TAG 54:5	112000000	120000000	87800000	117000000	112000000	122000000	112000000
TAG 54:6	73300000	61300000	47300000	62700000	60700000	75700000	63900000
TAG 54:7	11600000	8972602	5862273	8232043	7442750	9725115	12400000
TAG 54:8	527247	534996	227356	332743	275981	311412	878073
TAG 56:0	364327	518456	281681	337428	223744	396662	390799
TAG 56:1	3956158	5171764	2769701	3876582	4079109	3611445	3558139
TAG 56:2	19400000	25300000	15200000	19600000	23100000	19100000	16600000
TAG 56:3	20700000	24100000	16500000	20900000	24100000	20200000	18700000
TAG 56:4	14600000	14600000	9296950	11800000	14600000	14000000	14900000
TAG 58:0	76953	124942	67132	82573	49278	95903	107861
TAG 58:1	3155625	4264020	2556929	2932851	2666662	3429606	3407223
TAG 58:2	9109544	12000000	7465538	8760368	9048219	10400000	9784193
TAG 58:3	5950371	6853916	3825630	5238208	6270320	5670344	5986527
TAG 58:4	5629290	5879943	3190718	4510802	5427750	5671699	5089829
TAG 58:5	655629	648618	344751	425520	571405	551899	757706
TAG 60:1	777333	1088705	689290	762530	566521	930843	942157
TAG 60:2	6217433	8058221	5562281	6285910	5795594	6813681	6782881
TAG 60:3	5470087	7138754	4552502	5302005	5282279	6030736	6429209
TAG 60:4	5499822	5990777	3682981	4517048	4366984	6235175	6564306
TAG 60:5	549644	635415	330360	364540	371809	485631	940788
TAG 60:6	23485	39298	13910	16323	22290	20567	47655
DAG 34:1	48494	40520	29163	54381	40546	55301	41449
DAG 34:2	118926	141396	48458	133358	93721	126533	76907
DAG 36:2	128973	146688	43914	188636	163275	166415	90378

Rice Lipid Raw Data	GW24	GW25	GW26	GW27	GW28	GW29	GW30
DAG 36:3	177158	286262	104677	368386	201319	274013	194932
DAG 36:4	633861	578673	238802	618441	483051	735825	665132
DAG 36:5	69877	79874	39962	77648	56859	60776	114808
Lyso-MGDG 16:0	264111	279554	306307	298913	279840	174729	233670
Lyso-MGDG 18:0	42795	16765	31715	46010	19785	24449	30697
Lyso-MGDG 18:1	1394	15732	7742	6650	6483	4280	7664
Lyso-MGDG 18:2	14818	55646	35476	28902	35076	35537	47527
Lyso-DGDG 16:0	34193	149048	59964	43201	56271	47952	72605
Lyso-DGDG 18:1	5581	30636	17643	11641	14313	8969	14060
Lyso-DGDG 18:2	27632	104596	70112	47427	57674	58952	80984
Lyso-PC 16:0	5265082	5850822	5059699	8249038	7293754	6248431	9238223
Lyso-PC 16:3	50976	128686	38187	60484	164864	49871	98419
Lyso-PC 18:0	416649	325131	302300	766731	332743	414598	596385
Lyso-PC 18:1	782755	996796	905291	1803091	1405792	997832	1144782
Lyso-PC 18:2	2436297	2321340	2294738	3988951	3016384	2976304	4238596
Lyso-PC 18:3	1073074	1100578	1027026	1368039	1336806	1164289	1471283
Lyso-PE 16:0	415266	344907	315483	572129	468147	379368	501861
Lyso-PE 18:0	5669	14589	3141	9059	17617	4809	6465
Lyso-PE 18:1	56240	63553	49030	118243	102201	58309	66371
Lyso-PE 18:2	223933	201230	175425	353652	305426	240821	326776
Lyso-PE 18:3	78191	65715	62388	103208	86734	73081	91756
SQDG 32:0	222759	226242	177514	240337	139910	163893	123855
SQDG 34:2	38492	72024	52457	52379	34224	24518	31254
PG 32:0	107051	99781	161757	110186	102086	110674	116742
PG 34:1	107218	126972	92375	161068	150954	122408	105496
PG 34:2	148582	161779	164179	172438	156866	178879	155886
PG 36:3	41128	28459	19294	41278	25828	30450	20592
PS 36:0	48671	149882	63506	73071	117008	61002	82103
PS 36:1	26255	49301	28657	27699	35108	23633	37171
PS 38:0	1251719	1514111	1335049	1538140	1561731	1472912	1401372
PS 38:1	1081496	1027921	963289	1062239	957910	999656	1012048
PS 38:2	20518	16732	22386	13111	20312	6288	27235
PS 40:0	88674	93242	56066	102929	75523	71625	70018
PS 40:1	1003180	1180783	881759	1182884	1235835	1063491	887300
PS 40:2	1426707	1501375	1263067	1509658	1293829	1429212	1271278
PS 40:3	899989	708048	624912	792556	400032	682842	714466
PS 40:4	31207	28901	15526	24506	15632	18188	38870
PI 34:1	976833	703350	619798	671209	1292976	519278	534008
PI 34:2	1927779	1810594	1795713	1557618	2016911	1554884	1601038
PI 34:3	58210	65935	60178	36074	61185	26861	71195
PI 36:4	331383	175751	128576	187942	115807	126731	123478

Rice Lipid Raw Data	GW31	GW32	GW33	GW34	GW36	GW37	GW38
DGDG 32:0	55675	22482	71048	37345	56776	28845	57461
DGDG 34:1	52062	22122	36666	45350	70709	23777	55897
DGDG 34:2	331567	133804	232286	242518	473007	131305	275655
DGDG 36:2	37792	18343	33365	37252	72745	15518	47721
DGDG 36:3	63028	46639	58476	53988	80732	67138	82040
DGDG 36:4	211808	141199	175844	149595	241259	170640	266424
DGDG 36:5	40332	59975	45999	40963	50590	62228	101612
DGDG 36:6	32654	53336	40880	36919	35536	34471	85316
MGDG 32:0	15251	10998	21016	22548	18691	13082	15880
MGDG 34:0	42483	35170	56537	39600	40337	45914	77670
MGDG 34:1	28000	17483	21728	17715	44661	7257	53908
MGDG 34:2(1)	126876	141787	86875	140932	207261	49522	124676
MGDG 34:2(2)	71568	47613	71413	87305	132988	32838	69681
MGDG 36:3	43876	32298	49780	38002	57852	43546	50978
MGDG 36:4	101415	75361	72205	95173	154047	72950	106210
MGDG 36:5	39901	34458	25491	31605	42879	35040	58585
MGDG 36:6	41519	44197	45527	32020	21242	27419	51608
PC 32:0	285202	387646	365913	290909	257699	382041	284368
PC 32:1	449127	277365	396364	332061	318674	326547	533390
PC 32:2	346096	213602	261278	193241	198715	249996	336030
PC 34:1	8881072	9461976	10400000	7582294	5921137	8858016	8319903
PC 34:2	5685097	6659181	6668657	5285467	4652268	6259894	5525794
PC 34:3(1)	112126	168488	250133	78570	49555	109464	179915
PC 34:3(2)	50832	73327	65520	51142	45030	69945	48826
PC 34:4	77115	43303	62476	54829	50164	53885	89969
PC 36:1(1)	66157	71946	71273	73951	30776	60556	62625
PC 36:1(2)	586140	651892	714269	495335	373420	595058	607038
PC 36:2	8834574	7692866	9693365	6441714	4688932	8392967	7095842
PC 36:3	10500000	9401348	11800000	7923676	6108022	10200000	8812587
PC 36:4(1)	4091541	4373102	4760637	3351328	3005450	5041919	4049975
PC 36:4(2)	1193805	1164117	1184393	1081829	968163	1158033	1195604
PC 36:5(1)	254047	332768	538550	168521	213435	305627	523888
PC 36:5(2)	979014	1115855	1103146	935097	834025	1060497	949790
PC 38:2(1)	76912	46924	78484	42163	36474	65358	66910
PC 38:2(2)	69167	24770	66210	25828	19143	33784	26675
PC 38:3	55690	40756	53778	32083	29761	51505	51266
PC 38:4(1)	37634	39052	40151	41618	16886	35597	34592
PC 38:4(2)	103007	118144	128631	86621	63931	104032	106199
PC38:5	1121870	1061180	1070730	971806	852654	1021130	1019532
PC38:6	1237558	1172055	1299194	1136075	989884	1148302	1167661
PE 34:1	635038	918290	1087355	614453	429735	795472	822371
PE 34:2	1036623	1170976	1176310	737291	600246	1023993	1011517
PE 34:3	11757	17683	33714	6901	6593	10319	23064
PE 36:2	318765	422748	740429	292548	224296	441588	394836
PE 36:3	906856	937851	1289986	660153	394317	951961	784332
PE 36:4	899874	892558	1015986	689470	639950	925164	892475
PE 36:5(1)	17875	18719	42945	8784	9960	16225	25796
PE 36:5(2)	185980	204433	206900	133823	112027	181723	171718
TAG 48:0	8417076	5853242	6497381	6667975	8258183	8036105	6464246

Rice Lipid Raw Data	GW31	GW32	GW33	GW34	GW36	GW37	GW38
TAG 48:1	4085679	2639740	4095708	3569787	4042726	3497026	5686617
TAG 48:2	9234689	5648295	6633763	10200000	10100000	7548230	11900000
TAG 48:3 (1)	502029	222619	420670	324279	422663	399906	862309
TAG 48:3 (2)	79647	96791	120416	35052	29005	104103	192070
TAG 48:4(1)	143235	99178	132540	106064	137528	119055	289435
TAG 48:4(2)	59316	25724	44950	16681	15836	40962	85165
TAG 50:0	3668548	2820014	3492025	3112926	3171376	3685796	3911477
TAG 50:1	65000000	59500000	66800000	60000000	64100000	66600000	59900000
TAG 50:2	105000000	95300000	96200000	98100000	116000000	106000000	99100000
TAG 50:3	22100000	13000000	19800000	17200000	21200000	19300000	25500000
TAG 50:4	8231120	6023786	6190974	9768385	12000000	6686242	14700000
TAG 50:5 (1)	599063	179173	368260	364044	530167	388369	996307
TAG 50:5 (2)	40956	44287	55508	19976	21716	47883	137198
TAG 52:0	2322559	1735773	2212887	2003380	1943132	2230249	2704549
TAG 52:1	26900000	24800000	27100000	23200000	23400000	28100000	29900000
TAG 52:2	99900000	99800000	108000000	104000000	102000000	103000000	101000000
TAG 52:3	129000000	130000000	138000000	129000000	137000000	132000000	133000000
TAG 52:4	126000000	121000000	119000000	132000000	131000000	131000000	132000000
TAG 52:5	30300000	15900000	25800000	19100000	23300000	25700000	30700000
TAG 52:6	1373229	311109	1058789	575439	764875	852445	1189948
TAG 54:0	858068	638305	848906	738374	699534	882450	1148026
TAG 54:1	14600000	10300000	15100000	10600000	11100000	12900000	15900000
TAG 54:2	46700000	43100000	47700000	38700000	39300000	43300000	50200000
TAG 54:3	96800000	93400000	100000000	89400000	90500000	98000000	105000000
TAG 54:4	112000000	115000000	124000000	110000000	120000000	126000000	135000000
TAG 54:5	117000000	119000000	132000000	111000000	120000000	128000000	135000000
TAG 54:6	69700000	74200000	66800000	66400000	81800000	75800000	90100000
TAG 54:7	13200000	7462799	11700000	8045224	10200000	11800000	16200000
TAG 54:8	842746	193808	723909	282321	432157	583383	1012972
TAG 56:0	498372	301212	408744	379106	377810	416949	456395
TAG 56:1	4927332	3377115	5269018	3559559	3478793	4253482	4971465
TAG 56:2	23700000	16400000	27700000	17300000	16900000	21200000	24100000
TAG 56:3	24500000	17900000	26100000	19500000	18300000	23500000	27200000
TAG 56:4	15600000	11300000	13300000	12100000	12700000	12700000	15300000
TAG 58:0	122765	74951	91874	89834	88902	84436	133277
TAG 58:1	4332887	2725438	4809972	3054802	3136315	3416535	4736497
TAG 58:2	12000000	8371212	12200000	9103731	9635163	10400000	12700000
TAG 58:3	6898037	4753115	7599222	5251429	5276421	6439215	7651983
TAG 58:4	6056578	4712598	7018277	4850657	5332839	6091154	7532509
TAG 58:5	824344	504175	910393	538606	569634	746583	970712
TAG 60:1	1257879	816449	1255145	773760	865513	808571	1447915
TAG 60:2	8971769	5891486	9779990	6454610	6765404	7025983	11300000
TAG 60:3	7233171	5418183	8481258	5266065	5376782	6142294	8863993
TAG 60:4	7038144	4998235	7369057	5119502	5809491	5500304	8408672
TAG 60:5	875631	292426	872462	366104	486303	560739	1002207
TAG 60:6	56412	21372	77163	24593	25756	31601	60654
DAG 34:1	49991	50056	98784	40150	50233	78412	63162
DAG 34:2	176123	117650	289111	88719	115865	178911	116909
DAG 36:2	166831	142064	329883	129284	128970	247938	219467

Rice Lipid Raw Data	GW31	GW32	GW33	GW34	GW36	GW37	GW38
DAG 36:3	303272	276235	818173	135902	151219	540596	351011
DAG 36:4	705542	784684	902461	495705	622839	822493	795478
DAG 36:5	121637	62458	162473	52454	57991	112975	102343
Lyso-MGDG 16:0	344090	276813	232002	235554	276967	236461	280180
Lyso-MGDG 18:0	23936	31416	28617	21420	23475	29898	42199
Lyso-MGDG 18:1	12333	2390	9644	3998	12177	2614	15260
Lyso-MGDG 18:2	63898	20631	59247	27523	76720	19312	54004
Lyso-DGDG 16:0	140998	27417	80016	48691	147701	38477	82483
Lyso-DGDG 18:1	25404	5706	24764	8189	24745	9540	36393
Lyso-DGDG 18:2	165926	35824	128769	43423	129164	45560	100395
Lyso-PC 16:0	10300000	9652513	6330192	5526791	8282253	7631651	6879152
Lyso-PC 16:3	132375	104516	69172	85462	195737	88678	152239
Lyso-PC 18:0	537801	552837	426738	360966	409611	543429	651280
Lyso-PC 18:1	1459823	1758545	1052004	655064	1204170	1327619	1831111
Lyso-PC 18:2	5678133	5511579	3128212	2661459	3529342	3742202	2997660
Lyso-PC 18:3	1425582	1419853	1157372	1082536	1343568	1257775	1206218
Lyso-PE 16:0	560463	953032	442818	384820	502890	451897	626100
Lyso-PE 18:0	15006	5011	5753	6221	11820	3576	13245
Lyso-PE 18:1	74487	123787	84965	53169	79512	68949	129903
Lyso-PE 18:2	356877	566624	312520	219279	301153	308255	300721
Lyso-PE 18:3	96435	161733	84025	71915	90198	82655	109316
SQDG 32:0	170401	194708	162314	212448	118113	193560	189674
SQDG 34:2	43097	47179	34861	45908	39074	40670	28847
PG 32:0	106816	102032	145897	89778	107779	129285	125500
PG 34:1	96985	203754	216145	104965	107996	194861	204925
PG 34:2	138052	212479	156866	130565	165877	183935	234227
PG 36:3	23601	42480	51498	29022	26291	52286	43915
PS 36:0	115624	72237	102128	87906	80204	84109	137689
PS 36:1	48315	30167	40392	38715	36001	33704	46142
PS 38:0	1494732	1645095	1693641	1408870	1189779	1472776	1462813
PS 38:1	1100567	1215770	1159061	961573	935258	1163293	1025981
PS 38:2	15987	31439	52982	14130	10200	21443	36817
PS 40:0	84512	88705	101787	69786	51898	80129	87120
PS 40:1	1165543	1126927	1274803	974105	811501	1186197	1015933
PS 40:2	1561254	1458413	1606539	1364848	1100774	1533619	1352127
PS 40:3	750111	833312	895807	630766	500555	926929	784367
PS 40:4	32109	38490	59389	18388	21004	31460	42727
PI 34:1	642911	1019051	1025439	984539	437464	1082925	1000857
PI 34:2	1804477	1845911	1336784	1801754	1649564	1943525	1860433
PI 34:3	63066	56165	70995	36024	47585	56328	104246
PI 36:4	167778	164909	170349	180444	164433	297155	184081

Rice Lipid Raw Data	GW39	GW40	GW41	GW42	GW43	GW44	GW45
DGDG 32:0	53563	36926	23102	38694	25883	22250	70438
DGDG 34:1	65322	47927	24060	31693	32154	32149	50917
DGDG 34:2	451660	249245	193559	195543	206819	181090	322222
DGDG 36:2	57798	40684	22126	46052	27357	24695	31537
DGDG 36:3	67908	69281	35029	68760	63102	85666	70855
DGDG 36:4	278493	227537	176609	171362	184584	211347	261004
DGDG 36:5	79879	69718	43680	48088	50112	49995	69709
DGDG 36:6	86823	48617	67778	32216	38028	22060	67098
MGDG 32:0	35655	15537	7097	20011	13518	14752	23943
MGDG 34:0	27546	39536	7998	85645	50415	35570	14087
MGDG 34:1	19060	22751	7140	29626	31655	20320	22245
MGDG 34:2(1)	106530	87844	83814	189135	150861	115699	111652
MGDG 34:2(2)	160250	65906	36424	59646	59483	60377	88741
MGDG 36:3	42545	49947	17003	40159	34520	57619	46776
MGDG 36:4	120383	93860	80614	90800	93224	130948	116008
MGDG 36:5	47703	40754	42933	28919	37492	38964	44886
MGDG 36:6	45192	33311	81949	14346	32059	16315	45017
PC 32:0	219193	264794	181409	290191	261712	292057	223003
PC 32:1	338384	326122	445440	362391	240259	344607	524722
PC 32:2	261798	220886	321066	271981	175696	239080	379644
PC 34:1	8433866	9137903	7796579	7316195	8029513	7590093	9019736
PC 34:2	5766599	5843430	5858716	5448333	4790100	4729979	5460038
PC 34:3(1)	190041	182625	107126	90292	87848	83131	212664
PC 34:3(2)	38032	47622	31260	52467	46373	53839	35374
PC 34:4	54736	54238	75799	61337	35458	56445	90024
PC 36:1(1)	58383	48012	58066	64308	57507	62795	63571
PC 36:1(2)	503632	609052	392738	706279	549611	431022	478725
PC 36:2	6063618	8334658	6888820	7188104	7380154	6784040	7373009
PC 36:3	8186098	9889761	8939258	8915260	8416225	8030168	9065675
PC 36:4(1)	3800509	4065877	3824192	4324433	3640970	3479296	4055698
PC 36:4(2)	1149216	1223070	1136314	1066542	1182037	1137922	1158673
PC 36:5(1)	333155	347052	207009	260878	286091	221350	355142
PC 36:5(2)	984068	1009490	1035471	952369	869774	878734	951314
PC 38:2(1)	41837	64324	56713	46462	49135	50744	67342
PC 38:2(2)	29107	34215	29447	41659	25259	21872	33809
PC 38:3	31747	47924	50863	50828	45425	41427	47735
PC 38:4(1)	32889	26424	33580	34798	31098	35932	36606
PC 38:4(2)	87714	108683	68256	123629	97485	74337	85054
PC38:5	957424	1094312	1134026	983818	1019858	1057196	1079425
PC38:6	1130661	1185573	1160246	1201179	1126596	1107054	1154459
PE 34:1	623629	856399	485731	595569	648393	596560	823268
PE 34:2	965396	995002	1007160	832030	873263	724043	1083428
PE 34:3	23168	22545	7267	8230	8992	7120	26053
PE 36:2	257063	469940	202819	363815	373759	305094	397757
PE 36:3	745430	1019768	615900	760779	788765	641361	941672
PE 36:4	873311	931981	825245	786152	804624	692864	989073
PE 36:5(1)	22852	28926	8480	12781	13145	9367	28188
PE 36:5(2)	166906	172538	184574	153405	154285	133007	192908
TAG 48:0	10200000	6704128	6230695	6218490	5785962	5790218	7632941

Rice Lipid Raw Data	GW39	GW40	GW41	GW42	GW43	GW44	GW45
TAG 48:1	5203512	3394305	3457841	3662987	2261280	3444708	4828416
TAG 48:2	11700000	6683890	8010586	9036392	4242186	7442956	11500000
TAG 48:3 (1)	587779	434290	395523	350480	228618	323287	601328
TAG 48:3 (2)	109560	103635	55515	31923	73481	33647	121538
TAG 48:4(1)	170287	135147	136197	121864	88141	92730	217895
TAG 48:4(2)	68577	57026	67865	17790	21805	15926	54394
TAG 50:0	4577861	3165170	3060726	3695979	2942121	2607269	3077445
TAG 50:1	65800000	67100000	58100000	55900000	65500000	63600000	57600000
TAG 50:2	103000000	99400000	101000000	92300000	103000000	103000000	99800000
TAG 50:3	23400000	20600000	19600000	17300000	15600000	17700000	24400000
TAG 50:4	11500000	6311659	8457128	10100000	5017187	7282637	14900000
TAG 50:5 (1)	661328	475331	428154	416879	220266	344178	759599
TAG 50:5 (2)	47398	52216	36744	21362	37463	17932	58598
TAG 52:0	2752918	2015548	2065745	2326391	2093552	1812419	2004312
TAG 52:1	31500000	26500000	24000000	28600000	27300000	24000000	22900000
TAG 52:2	103000000	109000000	100000000	105000000	105000000	101000000	102000000
TAG 52:3	136000000	130000000	128000000	129000000	132000000	129000000	140000000
TAG 52:4	130000000	127000000	129000000	112000000	134000000	127000000	125000000
TAG 52:5	28300000	31600000	24200000	19000000	22800000	20500000	27800000
TAG 52:6	1124626	1353495	853942	536026	735465	679068	943067
TAG 54:0	1019495	728992	716942	836064	802863	709001	776163
TAG 54:1	16600000	12000000	12100000	11100000	12900000	11200000	12400000
TAG 54:2	49800000	43300000	42700000	45100000	45300000	42400000	41800000
TAG 54:3	92900000	100000000	90000000	97800000	103000000	92200000	96400000
TAG 54:4	119000000	120000000	115000000	118000000	122000000	118000000	118000000
TAG 54:5	127000000	127000000	113000000	115000000	124000000	116000000	125000000
TAG 54:6	72500000	73400000	78400000	68800000	70200000	62800000	74300000
TAG 54:7	11200000	14600000	9817624	8647953	9986252	8100074	12300000
TAG 54:8	595233	1019432	452457	352038	459762	355772	646655
TAG 56:0	534830	395545	400697	351478	340578	374350	450945
TAG 56:1	5485830	3946259	4115137	3214308	4145111	3962241	4208042
TAG 56:2	27000000	20300000	21100000	17200000	21000000	19000000	21300000
TAG 56:3	21900000	22300000	23900000	17500000	21800000	21600000	25500000
TAG 56:4	16600000	12800000	13900000	10700000	12100000	12500000	15200000
TAG 58:0	126356	97729	98957	84817	83510	79014	104030
TAG 58:1	4616949	3865121	4107502	2607199	3511980	3252073	3745183
TAG 58:2	12500000	10300000	12200000	8046771	10800000	10000000	11900000
TAG 58:3	7127596	5875045	5726110	4363270	6300873	6049571	7048529
TAG 58:4	7092529	5221534	5513882	3894903	5832388	5232741	6824875
TAG 58:5	975233	713483	524439	459531	666714	600244	727341
TAG 60:1	1155706	1061067	1364411	729263	977485	859974	943104
TAG 60:2	8089181	7405206	8831934	6141602	7934116	6715769	8118235
TAG 60:3	6995793	6982847	7134359	4639109	6894566	5948520	7761830
TAG 60:4	7135711	6685559	7361938	4346767	6233567	5120759	7697632
TAG 60:5	819467	871874	639974	371762	564537	521139	798764
TAG 60:6	46135	50553	30912	24356	27137	28319	40734
DAG 34:1	54385	55469	47363	44599	67789	54664	54231
DAG 34:2	103733	104783	102519	77319	249247	104427	111504
DAG 36:2	136932	160031	137425	142127	226706	152884	141302

Rice Lipid Raw Data	GW39	GW40	GW41	GW42	GW43	GW44	GW45
DAG 36:3	176332	304437	268308	173815	455887	342048	300819
DAG 36:4	544966	610835	664597	515769	916016	649692	663364
DAG 36:5	75382	112552	76323	59087	99579	69915	100924
Lyso-MGDG 16:0	178573	253111	217436	326950	298462	278063	230135
Lyso-MGDG 18:0	7847	27679	10810	44182	45390	27831	6567
Lyso-MGDG 18:1	8591	11603	7335	4144	3483	3986	23284
Lyso-MGDG 18:2	55105	44736	75831	40868	24001	33176	131511
Lyso-DGDG 16:0	118662	77985	82615	46326	54448	38317	146791
Lyso-DGDG 18:1	18168	22045	23447	9920	13170	6932	46268
Lyso-DGDG 18:2	97920	102983	233600	46244	66377	34880	289962
Lyso-PC 16:0	5333038	6941357	9005617	7056171	7545522	7596459	6886859
Lyso-PC 16:3	103959	65218	121808	118991	57834	99526	283327
Lyso-PC 18:0	280503	427046	298409	567190	588324	407893	199071
Lyso-PC 18:1	559541	1335060	1143549	959000	1461851	1349895	1061722
Lyso-PC 18:2	2778281	4464269	6581805	3246556	4019262	3508196	4190311
Lyso-PC 18:3	1073771	1243146	1410859	1246806	1289999	1294426	1223309
Lyso-PE 16:0	368386	350599	367819	430225	519774	496316	354115
Lyso-PE 18:0	6135	5151	6353	11559	4021	14466	12341
Lyso-PE 18:1	53620	73759	59686	60628	91106	83891	73882
Lyso-PE 18:2	235540	287979	455948	253029	311680	282990	347899
Lyso-PE 18:3	72661	67051	70932	81003	96075	91451	70996
SQDG 32:0	247158	182702	178351	238870	210871	229822	135760
SQDG 34:2	49499	56968	30682	35494	36470	47759	26519
PG 32:0	95395	117216	82089	118662	118634	110146	120753
PG 34:1	136342	163736	96601	124736	154248	120548	172279
PG 34:2	186790	137917	176227	153195	164101	155153	169357
PG 36:3	24452	32703	17850	40255	33433	28047	28654
PS 36:0	87826	82316	114317	101153	59388	84299	135758
PS 36:1	38361	31233	46582	50522	21358	34067	52686
PS 38:0	1469192	1552778	1446129	1352568	1431608	1393499	1509498
PS 38:1	1040403	1070844	1087862	1083004	911200	934032	1092132
PS 38:2	33127	37935	14918	18975	11601	16255	35170
PS 40:0	72437	87109	56973	97825	78647	59694	67737
PS 40:1	988582	1140463	1020893	1063064	1102253	1059477	1107634
PS 40:2	1409931	1485511	1438849	1468575	1418314	1362199	1471895
PS 40:3	745613	778275	761806	873546	706257	680278	768574
PS 40:4	40420	38618	23629	29076	24900	23468	46152
PI 34:1	517650	1019379	505911	938893	618456	893859	648888
PI 34:2	1534599	1869572	2015754	1533257	1571287	1710094	1695857
PI 34:3	77299	92239	71200	35024	41968	40021	72560
PI 36:4	108013	195807	143113	219137	174980	186089	146124

Rice Lipid Raw Data	GW46	GW47	GW48	GW49	GW50	GW51	GW52
DGDG 32:0	51426	85629	32279	17294	30488	27738	17797
DGDG 34:1	60594	85235	51236	23366	36927	38742	28786
DGDG 34:2	462471	498718	223330	147601	172912	255141	179465
DGDG 36:2	70394	57594	42451	28509	18432	39274	28953
DGDG 36:3	79379	136436	88673	53327	61240	71429	59242
DGDG 36:4	344841	295585	206117	178457	156211	271163	197664
DGDG 36:5	80642	67674	81942	40691	55000	114668	71612
DGDG 36:6	72029	87885	55290	19355	45819	101929	75205
MGDG 32:0	15105	21829	16641	13243	10222	9100	6084
MGDG 34:0	29166	35800	42236	38387	19257	34625	21600
MGDG 34:1	40702	23358	28927	8215	21103	35459	22704
MGDG 34:2(1)	157067	125326	108894	79278	62524	115701	47516
MGDG 34:2(2)	110079	107930	60801	42528	28131	59167	45346
MGDG 36:3	51917	72784	63673	30345	36565	37544	34042
MGDG 36:4	160241	84529	98974	86670	79115	106657	80194
MGDG 36:5	68445	51004	51050	26155	43996	55117	44436
MGDG 36:6	66690	96057	32058	11132	32694	79944	49515
PC 32:0	179407	233691	271460	260274	275607	285475	213512
PC 32:1	339069	394534	401393	269571	430680	397280	371054
PC 32:2	283582	307231	224700	185285	266142	401648	257826
PC 34:1	7744232	11200000	8116840	7311421	8726628	8764808	6854347
PC 34:2	5616661	7222038	4665784	4589204	5533318	8242052	5809346
PC 34:3(1)	122832	156151	89825	79938	107863	329621	293103
PC 34:3(2)	30727	40102	46612	44902	49161	48497	36268
PC 34:4	57196	64766	66578	42428	72795	66920	59950
PC 36:1(1)	57150	60923	90410	62852	48060	69041	36143
PC 36:1(2)	486841	577903	589061	548294	529051	607332	440820
PC 36:2	5534692	10100000	7692599	7067050	8505784	5948862	5720584
PC 36:3	8898621	11200000	8025047	8330506	9673196	10800000	8512690
PC 36:4(1)	4567723	4987003	3161301	3592642	3592180	6372960	4551520
PC 36:4(2)	1115806	1225680	1127633	1105324	1209488	1174812	1052876
PC 36:5(1)	315718	348459	216863	226715	196638	841621	419363
PC 36:5(2)	953577	1124844	852103	840624	976059	1216391	1020852
PC 38:2(1)	55826	66024	45430	53779	72221	65151	51072
PC 38:2(2)	69855	35951	21421	38767	40983	29443	22091
PC 38:3	54612	58987	34560	40690	54504	72236	51766
PC 38:4(1)	33075	33439	53203	35189	28052	40727	19366
PC 38:4(2)	85581	102059	106784	95457	92704	113082	78807
PC38:5	830381	1135423	996967	1037635	1093003	895643	1023601
PC38:6	1197392	1252666	1106269	1193464	1225524	1266044	1159835
PE 34:1	568555	789784	682699	710331	590304	771306	521045
PE 34:2	1004446	1355591	790408	778199	874961	1452851	961003
PE 34:3	7432	13628	9298	7649	6894	39514	32502
PE 36:2	193019	350337	365318	375616	326481	261719	210221
PE 36:3	683503	1000840	736679	760764	753238	873200	502134
PE 36:4	972152	1132507	767260	748397	905962	1198366	905864
PE 36:5(1)	16527	20617	12326	11343	13193	40911	36327
PE 36:5(2)	173289	228280	139437	142414	161609	235623	175951
TAG 48:0	4031269	8719895	7583552	4587612	7843234	3447929	2074094

Rice Lipid Raw Data	GW46	GW47	GW48	GW49	GW50	GW51	GW52
TAG 48:1	2831825	4233950	4875091	2410987	4310350	3976816	3531362
TAG 48:2	6026015	8419758	9387095	5448725	7137850	9857756	6834739
TAG 48:3 (1)	405578	454472	420725	234347	406966	518732	459663
TAG 48:3 (2)	69540	57771	101047	37427	73735	111302	131369
TAG 48:4(1)	162076	153634	123927	84572	128089	259554	201138
TAG 48:4(2)	50288	47290	30482	17585	51585	74625	68156
TAG 50:0	2089981	3680558	4218227	2546551	3613728	2024623	1370600
TAG 50:1	52000000	69900000	64900000	56000000	70800000	53000000	39800000
TAG 50:2	84600000	110000000	94700000	90200000	99000000	101000000	77800000
TAG 50:3	17300000	22300000	19500000	13700000	19700000	21300000	17600000
TAG 50:4	8742195	7847416	9460123	7436366	7026638	12600000	8290407
TAG 50:5 (1)	514912	372468	394192	318924	400694	555592	466711
TAG 50:5 (2)	44840	31637	46171	32347	36967	90110	78966
TAG 52:0	1636871	2012955	2537206	1824791	2205727	1483821	1230083
TAG 52:1	19900000	29300000	30200000	25100000	29400000	24200000	16100000
TAG 52:2	92400000	104000000	104000000	99500000	101000000	95100000	89500000
TAG 52:3	126000000	138000000	129000000	130000000	135000000	137000000	121000000
TAG 52:4	125000000	139000000	121000000	117000000	130000000	141000000	117000000
TAG 52:5	29300000	27100000	19700000	20300000	25600000	28500000	21500000
TAG 52:6	925703	960836	622712	599961	915609	1080997	890871
TAG 54:0	601831	750995	869311	748541	812899	583993	487704
TAG 54:1	9799406	14200000	14700000	12900000	14000000	11000000	7984843
TAG 54:2	38400000	47300000	49600000	42700000	44300000	41800000	32100000
TAG 54:3	82800000	101000000	105000000	93000000	92500000	91400000	86300000
TAG 54:4	119000000	120000000	130000000	126000000	122000000	125000000	111000000
TAG 54:5	126000000	129000000	124000000	122000000	123000000	142000000	124000000
TAG 54:6	87700000	80000000	68700000	70200000	68300000	93400000	78500000
TAG 54:7	16700000	10900000	8315445	10500000	10100000	15200000	13100000
TAG 54:8	826305	543295	303027	453555	494230	937243	847226
TAG 56:0	258935	478449	434330	347149	422892	211232	121842
TAG 56:1	3168687	4631955	4712371	4395633	4746711	3273901	2413022
TAG 56:2	15900000	22400000	25200000	22800000	24000000	16200000	12300000
TAG 56:3	21100000	25800000	24500000	25300000	23300000	22500000	18300000
TAG 56:4	18200000	14600000	11800000	16000000	11700000	18800000	13800000
TAG 58:0	70271	109687	102727	82948	105291	46341	26114
TAG 58:1	3098301	4757456	3771511	3625872	4846588	3228520	1990094
TAG 58:2	9207063	12400000	10600000	10600000	11200000	9622504	6668995
TAG 58:3	6382387	7086881	5839464	6656625	5788073	6800108	4900225
TAG 58:4	6601042	6872531	5353665	6177883	5006376	7154405	4887499
TAG 58:5	718027	706438	525888	619914	578917	919874	514682
TAG 60:1	890932	1372312	947908	896869	1476319	765223	475395
TAG 60:2	6179573	9465547	7698066	7567279	9482595	6396090	4210122
TAG 60:3	7676092	8020890	6488150	6718133	7199124	7504480	5458388
TAG 60:4	8233109	8083004	4866162	6416905	6077450	9722157	5547793
TAG 60:5	840253	661955	421406	558729	613964	743570	490304
TAG 60:6	32124	39681	20752	22725	34511	82685	44708
DAG 34:1	77128	68737	52409	37782	53698	31672	25357
DAG 34:2	314938	135210	81199	66131	91328	74574	39845
DAG 36:2	191414	199622	177513	128967	154120	86680	65444

Rice Lipid Raw Data	GW46	GW47	GW48	GW49	GW50	GW51	GW52
DAG 36:3	565313	335481	328315	165632	181498	182571	143836
DAG 36:4	1325482	774919	607649	509831	611608	652642	567986
DAG 36:5	190361	81326	59544	47522	55859	66242	60205
Lyso-MGDG 16:0	226538	230352	233772	195714	298269	331262	192216
Lyso-MGDG 18:0	15825	15037	23341	22983	24149	23066	15385
Lyso-MGDG 18:1	18447	13362	7401	3321	12477	16509	11835
Lyso-MGDG 18:2	103280	76188	38420	31208	53957	74485	44549
Lyso-DGDG 16:0	152264	164315	49909	30054	92897	88238	49919
Lyso-DGDG 18:1	37246	33966	16022	5853	33731	32405	26372
Lyso-DGDG 18:2	196882	208069	60806	37967	162337	196060	106785
Lyso-PC 16:0	6554152	6163802	7494739	4803671	9239751	11700000	6905650
Lyso-PC 16:3	75429	47649	105284	75238	77806	300927	134288
Lyso-PC 18:0	383993	298423	530009	339278	513333	730359	408104
Lyso-PC 18:1	818299	619410	1634704	563932	2363538	2484137	1776834
Lyso-PC 18:2	2878662	2928564	3574790	2639804	5576033	6294990	3201716
Lyso-PC 18:3	1162258	1162504	1244580	976114	1403489	1467847	1220004
Lyso-PE 16:0	436068	349236	516067	359585	384502	1015056	382958
Lyso-PE 18:0	4961	3987	6547	6520	5303	14342	7842
Lyso-PE 18:1	78945	58474	101536	58402	133749	174151	108979
Lyso-PE 18:2	317145	271550	265570	236019	393849	708434	277497
Lyso-PE 18:3	83628	69059	94098	70453	70491	164674	74165
SQDG 32:0	219513	222760	247035	188089	160985	176367	95336
SQDG 34:2	30710	73175	60314	45600	31242	45488	24007
PG 32:0	123379	137860	134936	86146	103304	100158	81671
PG 34:1	121008	225891	143687	121283	125382	203278	129115
PG 34:2	156483	227444	160054	153412	133423	219648	163480
PG 36:3	19497	33884	33422	32696	20168	32375	31639
PS 36:0	92482	108211	106856	69236	113498	106165	101721
PS 36:1	39812	36250	32235	27964	34825	56913	49607
PS 38:0	1340876	1707664	1422504	1322732	1486137	1500951	1287290
PS 38:1	1102309	1150448	936128	930007	1107603	1397387	1083538
PS 38:2	17955	30376	18632	15332	14276	71037	47614
PS 40:0	71796	84540	83617	76915	77029	88590	63898
PS 40:1	928813	1325317	1168920	1058671	1238581	966115	939487
PS 40:2	1439486	1661578	1370695	1428843	1541073	1567304	1430210
PS 40:3	881544	885081	560516	633505	694575	1157238	870061
PS 40:4	37932	31201	20576	24073	25499	69711	61761
PI 34:1	596065	1047269	1031558	988077	653177	977806	654543
PI 34:2	1781581	2162457	1975344	1847984	1598273	1949977	1532176
PI 34:3	69190	84197	58985	46070	59740	115979	102825
PI 36:4	185667	202511	211158	243352	152601	193518	163162

Rice Lipid Raw Data	GW53	GW54	GW55	GW56	GW57	GW58	GW60
DGDG 32:0	38839	16062	81046	70113	62617	14140	30481
DGDG 34:1	41978	20823	86637	64913	34847	21390	39116
DGDG 34:2	253803	131939	399315	333017	272037	122901	212889
DGDG 36:2	37854	18199	42170	42833	26795	18884	33729
DGDG 36:3	70472	44318	109872	79715	55895	50240	53645
DGDG 36:4	225354	282435	179351	193400	209789	213107	191527
DGDG 36:5	64515	143654	55645	81421	62258	104366	65720
DGDG 36:6	52374	62695	82001	99563	44465	78121	58805
MGDG 32:0	19611	9499	16437	27493	23536	6636	22917
MGDG 34:0	46341	28451	35743	62430	31042	14920	62735
MGDG 34:1	20399	18534	76366	72482	15703	8793	45827
MGDG 34:2(1)	108766	65408	127159	158739	111620	26774	164613
MGDG 34:2(2)	88765	44828	57331	94543	75255	22170	63444
MGDG 36:3	50566	37213	68842	46070	42793	31971	41356
MGDG 36:4	122444	140033	61911	92298	118334	100985	116489
MGDG 36:5	48148	78782	34142	60477	58317	63971	61907
MGDG 36:6	44141	68962	43804	64630	42381	79412	52511
PC 32:0	338895	818165	237630	364836	181753	219039	299868
PC 32:1	488102	1202618	591991	312834	534850	492565	325553
PC 32:2	544698	1325924	441942	214376	363111	391146	196930
PC 34:1	10100000	12000000	7828178	7217040	7769698	9654726	9444040
PC 34:2	6983111	10300000	4594708	5014097	4780818	7351280	6671334
PC 34:3(1)	149409	336459	69938	169478	61770	372913	156814
PC 34:3(2)	57761	155844	42141	66524	30523	34948	54703
PC 34:4	81169	210647	102671	49496	92136	83664	51918
PC 36:1(1)	60692	65431	67045	52150	46208	39826	75036
PC 36:1(2)	618183	829336	421558	436881	399613	537438	521333
PC 36:2	9012176	10500000	7363131	6200540	7338175	6819305	7556088
PC 36:3	11300000	14300000	8795876	7195789	9100956	10700000	8350164
PC 36:4(1)	5612724	8958634	3311717	3408465	3542126	6243070	4135027
PC 36:4(2)	1297987	1212713	1098171	1021690	1124307	1192872	1142538
PC 36:5(1)	651338	1135091	259746	314563	229383	883051	327377
PC 36:5(2)	1100523	1269652	816286	899331	878341	1121547	1090766
PC 38:2(1)	73462	81692	44745	38071	68018	77929	48776
PC 38:2(2)	57153	66874	23577	19755	32379	41259	31481
PC 38:3	68436	77654	33960	36396	49821	68512	39963
PC 38:4(1)	32794	37173	39413	29187	26400	22311	41145
PC 38:4(2)	111312	146918	76153	78316	71289	98624	92533
PC38:5	1126423	1083034	1027635	893126	1072374	1065433	1006453
PC38:6	1192646	1205913	1159571	1066279	1177718	1196424	1127314
PE 34:1	628488	1078923	490574	492724	527343	1025615	832600
PE 34:2	929150	1553778	806834	819172	914765	1446114	987986
PE 34:3	14378	34273	8881	25352	11039	45960	14003
PE 36:2	394884	490227	225639	190252	265317	369759	365386
PE 36:3	831190	1336375	510617	350309	669872	1079423	877042
PE 36:4	859254	1398390	699377	715678	814319	1211783	839161
PE 36:5(1)	22348	52021	9798	24774	17278	57169	17074
PE 36:5(2)	171687	240421	140891	150625	164590	237995	167633
TAG 48:0	6142939	2835485	10800000	8150534	6731763	2519002	6495647

Rice Lipid Raw Data	GW53	GW54	GW55	GW56	GW57	GW58	GW60
TAG 48:1	5380194	6257217	7429498	3770118	4187435	5131097	3748678
TAG 48:2	10400000	13900000	16200000	7038410	11300000	8917618	7143375
TAG 48:3 (1)	633510	967957	1017629	310009	563409	667277	358429
TAG 48:3 (2)	121867	193308	136364	93434	76650	169509	54018
TAG 48:4(1)	221932	383136	275680	87904	184323	252861	104824
TAG 48:4(2)	74733	118146	67475	26759	43553	65297	20299
TAG 50:0	2800026	1579449	4507881	3956987	2836181	1482524	3235752
TAG 50:1	65700000	50000000	59400000	62500000	54400000	50500000	61900000
TAG 50:2	98900000	92100000	99800000	101000000	99000000	86900000	93000000
TAG 50:3	24300000	29100000	27600000	16500000	22700000	23800000	17300000
TAG 50:4	11700000	16600000	16700000	6795918	11600000	11200000	7127938
TAG 50:5 (1)	673642	1078473	1105783	319511	622418	674953	339309
TAG 50:5 (2)	95061	190664	75276	31996	45298	139636	22459
TAG 52:0	1683056	1382290	2280066	2267947	1854727	1143539	2251916
TAG 52:1	29500000	21800000	25200000	31400000	22900000	20100000	27800000
TAG 52:2	103000000	91600000	95800000	104000000	100000000	94400000	94800000
TAG 52:3	139000000	133000000	134000000	131000000	131000000	132000000	125000000
TAG 52:4	131000000	127000000	126000000	116000000	130000000	121000000	119000000
TAG 52:5	28300000	33200000	25300000	20000000	25700000	27400000	20400000
TAG 52:6	1088714	1458416	879819	707480	903104	980232	642601
TAG 54:0	685178	540772	818985	799777	683112	482041	880126
TAG 54:1	14300000	10300000	11300000	12800000	11300000	9615248	16800000
TAG 54:2	47000000	39500000	43000000	47700000	42700000	37600000	46500000
TAG 54:3	96600000	91900000	101000000	99400000	93900000	90100000	93700000
TAG 54:4	132000000	123000000	119000000	114000000	121000000	116000000	110000000
TAG 54:5	133000000	144000000	132000000	116000000	125000000	137000000	121000000
TAG 54:6	88500000	95000000	75700000	67400000	79900000	82200000	69100000
TAG 54:7	14100000	21000000	11700000	8967880	12500000	17100000	9150355
TAG 54:8	797882	1574841	628371	537243	650032	1011918	400621
TAG 56:0	371529	176994	512823	465312	440684	147349	296440
TAG 56:1	4927189	2858334	3502121	4274033	3976081	2713942	5121363
TAG 56:2	24300000	17100000	18900000	18500000	21400000	15200000	21900000
TAG 56:3	27200000	25000000	21400000	20500000	25500000	23400000	24500000
TAG 56:4	16500000	18900000	12500000	10200000	14200000	17900000	15000000
TAG 58:0	94055	42848	125331	127092	96913	37495	66165
TAG 58:1	4414394	2333652	3348288	3884038	3708958	2369427	3330661
TAG 58:2	12400000	8708506	9287184	9726584	12300000	7411506	9633511
TAG 58:3	7765232	6153915	5467650	4876973	6933694	5811118	6209908
TAG 58:4	7140178	6788339	5001484	4149937	6107784	5963417	5901022
TAG 58:5	834400	859604	579491	436043	693438	723853	591607
TAG 60:1	1227490	695149	859815	1085069	1018516	641573	727757
TAG 60:2	8933164	5165844	7118119	7632772	9261050	4751558	5782971
TAG 60:3	9089995	6457277	6275608	5960920	8601935	6650857	5144693
TAG 60:4	8637440	8298988	5777675	5310580	7276305	7433007	4983771
TAG 60:5	838318	860864	597430	482155	803053	694092	458084
TAG 60:6	53897	68275	30284	25424	54724	89764	29222
DAG 34:1	89760	56314	75300	114259	49873	75912	63968
DAG 34:2	289346	99401	220951	192458	102774	156237	113152
DAG 36:2	285038	154464	248480	279102	161019	210196	157387

Rice Lipid Raw Data	GW53	GW54	GW55	GW56	GW57	GW58	GW60
DAG 36:3	744873	568965	602769	504888	253364	579004	216702
DAG 36:4	1068651	1184712	1005781	871934	577738	1286570	648192
DAG 36:5	164161	215673	120754	110279	72191	169935	83626
Lyso-MGDG 16:0	272081	324806	326696	266675	209580	141041	325360
Lyso-MGDG 18:0	24524	23817	18242	33349	10121	9540	52421
Lyso-MGDG 18:1	13206	6532	19017	17368	10122	4578	7631
Lyso-MGDG 18:2	54913	18745	44088	42907	94093	34767	33831
Lyso-DGDG 16:0	62921	17687	125878	74518	82401	20193	44662
Lyso-DGDG 18:1	17846	7419	40561	37058	16508	10084	14876
Lyso-DGDG 18:2	87179	26739	131764	81362	137737	49253	56341
Lyso-PC 16:0	6195231	10800000	6162839	6688463	5392884	4540051	6613878
Lyso-PC 16:3	105285	329299	246338	64155	103441	140230	72735
Lyso-PC 18:0	410095	639793	251768	481892	202741	257873	517859
Lyso-PC 18:1	1346529	2307640	1290065	1505303	488615	1223970	1240909
Lyso-PC 18:2	3379959	6203675	2989147	2707303	3212186	2982157	3033827
Lyso-PC 18:3	1139090	1392493	1136680	1198324	1043590	970631	1197243
Lyso-PE 16:0	357182	736692	350003	350593	249416	324647	442010
Lyso-PE 18:0	10576	22259	22760	3395	9738	9679	4901
Lyso-PE 18:1	76809	107500	79665	95880	33795	93257	97687
Lyso-PE 18:2	239748	302610	251530	226322	214737	315796	299927
Lyso-PE 18:3	70620	135655	69767	66820	49823	64884	77754
SQDG 32:0	154673	177784	170214	184908	113877	177871	279731
SQDG 34:2	68006	54996	27234	46683	35564	49176	75498
PG 32:0	92090	104576	145621	116282	75673	118884	106897
PG 34:1	233374	174009	165432	96589	248875	185810	339564
PG 34:2	203793	182823	184250	151690	210059	215912	215116
PG 36:3	42724	23104	20882	21530	40904	28458	75435
PS 36:0	210348	157169	79770	143117	138040	85163	107375
PS 36:1	105984	59429	31293	47249	60946	28163	34309
PS 38:0	1731458	1356259	1369678	1426812	1585986	1620798	1740941
PS 38:1	1552820	888689	997526	960446	1268892	1237857	1297995
PS 38:2	70368	16483	38907	14440	78011	31342	43310
PS 40:0	123067	66625	67883	66320	85891	77088	127735
PS 40:1	1269772	1075441	1023663	1042347	953427	1089568	1417509
PS 40:2	1723338	1415329	1324562	1470403	1505995	1441662	1680991
PS 40:3	1434653	669048	632998	683710	1099342	785679	975324
PS 40:4	80695	26804	47217	28697	82793	28063	57235
PI 34:1	997216	333901	403147	424097	1240137	1091301	1128820
PI 34:2	1664790	1193186	1200405	1381237	1836704	2134052	1406386
PI 34:3	81115	48834	68123	53105	108995	84693	60775
PI 36:4	214868	105577	79446	134230	195147	180776	211057

Rice Lipid Raw Data	GW61	GW62	GW63	GW64	GW65	GW67	GW68
DGDG 32:0	52970	22174	39825	45899	39934	52985	13996
DGDG 34:1	63199	33566	34451	40702	50930	61293	24655
DGDG 34:2	262152	207663	194639	223675	352246	352310	160565
DGDG 36:2	59619	25156	29614	46320	54998	51813	18650
DGDG 36:3	97084	53266	51371	65705	86576	84776	56564
DGDG 36:4	267525	248837	151934	161181	292086	207707	217145
DGDG 36:5	75282	108325	60745	38224	86888	49839	80484
DGDG 36:6	60006	100605	46862	30304	76966	35533	57707
MGDG 32:0	20449	6450	13593	15876	16372	18447	4219
MGDG 34:0	38417	25556	26397	61840	13238	57361	8417
MGDG 34:1	32175	20848	11273	31481	15974	49274	25666
MGDG 34:2(1)	36795	60511	85374	136639	49012	226498	60216
MGDG 34:2(2)	74613	40271	45313	65983	79411	90921	33205
MGDG 36:3	55552	34569	29221	45097	59238	47195	41225
MGDG 36:4	103096	109870	75162	76196	155720	92703	93335
MGDG 36:5	34568	61538	37418	24251	79409	33594	48332
MGDG 36:6	34648	51174	26529	17992	62231	19383	30759
PC 32:0	358324	232472	272715	243462	212004	226751	163483
PC 32:1	401268	398880	320337	236106	390532	281012	313912
PC 32:2	336709	488643	258597	151954	263627	152847	213150
PC 34:1	10800000	7852224	7478187	6843984	8863610	6784293	6397067
PC 34:2	6752151	7729008	5383109	4422137	5692476	3788115	5248282
PC 34:3(1)	214097	196134	68661	94733	98235	47344	86814
PC 34:3(2)	66121	41616	47153	41672	35617	39057	27842
PC 34:4	64901	67642	53197	39455	65668	45221	51821
PC 36:1(1)	38902	59070	49883	50836	48596	64217	36042
PC 36:1(2)	818677	423580	400016	467365	436659	490568	360192
PC 36:2	11000000	5354955	7387839	6087412	7096187	6718224	4713856
PC 36:3	12100000	9892136	8869216	7593309	7678251	6561556	8111523
PC 36:4(1)	5324370	6482717	4005144	3063609	3343007	2119477	4361728
PC 36:4(2)	1213665	1118371	1080843	1046028	1143204	995770	1006505
PC 36:5(1)	596438	745643	261202	225725	221336	134438	269609
PC 36:5(2)	1033171	1157392	949909	809413	959219	713501	912609
PC 38:2(1)	87687	56520	39305	55529	41418	39115	54434
PC 38:2(2)	27325	30430	21253	34752	15393	20259	23492
PC 38:3	67860	69897	35117	40526	35092	27406	54374
PC 38:4(1)	22042	34390	28269	27019	27489	35551	19910
PC 38:4(2)	145510	76192	73411	82472	78614	86112	63661
PC38:5	1106993	905437	1058699	902255	1023062	968629	930428
PC38:6	1342534	1157254	1123050	1082541	1077351	959691	1126510
PE 34:1	1165870	490324	615645	545787	488097	565378	490880
PE 34:2	1203959	1273108	740484	646288	761191	622158	912493
PE 34:3	25175	26434	9454	10753	10316	8605	15418
PE 36:2	762097	164912	311741	294642	191707	294093	179923
PE 36:3	1236179	643885	734379	752346	378715	525205	569132
PE 36:4	956011	1074077	748821	735769	678564	618351	842954
PE 36:5(1)	33961	31038	13457	15407	13495	8516	18560
PE 36:5(2)	198932	212805	133469	122754	135192	117373	162936
TAG 48:0	6811749	2786395	7509418	5551811	5217465	6862784	1922149

Rice Lipid Raw Data	GW61	GW62	GW63	GW64	GW65	GW67	GW68
TAG 48:1	4210776	3796034	3717726	2895110	3916378	3551866	2664302
TAG 48:2	6330863	8965448	8115545	4981548	6774587	8126608	4670966
TAG 48:3 (1)	418545	544153	374680	307293	382868	354262	340932
TAG 48:3 (2)	75394	149163	29506	63177	93882	48138	81997
TAG 48:4(1)	116837	278943	102824	109855	128682	108071	149534
TAG 48:4(2)	21045	90586	19871	27198	42148	20879	50376
TAG 50:0	3889631	1543182	3293902	3020694	2770698	3594344	1337960
TAG 50:1	71400000	45400000	62100000	58600000	52400000	57600000	41400000
TAG 50:2	109000000	89200000	102000000	92300000	83600000	98500000	74300000
TAG 50:3	21200000	19800000	19700000	16300000	17600000	16100000	14000000
TAG 50:4	6119134	11900000	7976632	5144456	7174210	7542348	6612184
TAG 50:5 (1)	369501	535288	440501	298372	392182	372873	363469
TAG 50:5 (2)	32406	122068	30227	31145	38727	21872	65238
TAG 52:0	2575558	1291300	1823473	1816307	1792197	2154808	1114559
TAG 52:1	34300000	16600000	24600000	24400000	21800000	26700000	14200000
TAG 52:2	110000000	88100000	99300000	94900000	92300000	94600000	80200000
TAG 52:3	142000000	132000000	132000000	131000000	123000000	120000000	124000000
TAG 52:4	124000000	135000000	126000000	121000000	117000000	115000000	118000000
TAG 52:5	25700000	27300000	22900000	21400000	18800000	18200000	20300000
TAG 52:6	909393	766341	732343	704324	601775	574063	605314
TAG 54:0	1034840	460387	677573	731739	660522	792740	461857
TAG 54:1	15900000	8485387	10600000	12900000	11500000	10800000	7051831
TAG 54:2	55700000	33200000	41900000	43800000	36700000	43600000	29100000
TAG 54:3	105000000	94400000	96300000	94700000	87700000	88600000	85900000
TAG 54:4	121000000	119000000	120000000	114000000	112000000	112000000	110000000
TAG 54:5	129000000	130000000	113000000	115000000	115000000	108000000	123000000
TAG 54:6	72400000	94100000	62700000	65600000	65100000	60300000	73800000
TAG 54:7	11300000	16100000	9878718	9143503	9154402	7837217	12200000
TAG 54:8	603137	835189	472985	445178	452031	358948	583177
TAG 56:0	402361	168395	398099	406922	338151	347974	119628
TAG 56:1	5253327	2672791	3426897	4499250	3410258	3547261	2091610
TAG 56:2	24500000	14700000	17500000	20800000	16800000	18100000	11700000
TAG 56:3	27500000	20600000	19200000	23600000	19600000	18900000	17900000
TAG 56:4	10900000	17300000	11200000	14300000	12600000	10200000	13800000
TAG 58:0	104723	39343	86789	94582	89822	79120	25741
TAG 58:1	4558730	2859294	3052231	4216782	3566682	2830394	2102164
TAG 58:2	11200000	9384193	8743397	10500000	9225512	8096501	6346240
TAG 58:3	7079656	5651995	5294851	6635231	5345190	4931907	4836596
TAG 58:4	6051650	6600453	4697582	6031153	4676957	3984919	4811784
TAG 58:5	842115	818371	524120	659655	619774	416305	557305
TAG 60:1	1472360	722074	796597	1119566	917023	700479	495019
TAG 60:2	10400000	5698845	6335486	8496242	6328160	5379853	4364165
TAG 60:3	8803854	7960765	5470971	7246489	6334545	4728189	5654770
TAG 60:4	6726912	8544374	4906547	6496347	5344945	3914058	5626137
TAG 60:5	689065	695518	553376	727200	618106	354404	494388
TAG 60:6	109627	69302	35445	38237	42352	13789	36071
DAG 34:1	85833	37562	61588	59331	49946	51694	26209
DAG 34:2	169558	89599	134917	101010	85575	85606	54624
DAG 36:2	271927	101116	187125	154327	125145	142802	73818

Rice Lipid Raw Data	GW61	GW62	GW63	GW64	GW65	GW67	GW68
DAG 36:3	542901	274220	365449	268790	142043	170760	162626
DAG 36:4	764361	779670	698456	599132	399451	576080	564446
DAG 36:5	108339	66016	85112	70683	52794	53108	53810
Lyso-MGDG 16:0	207910	244437	227947	250841	114207	301255	194659
Lyso-MGDG 18:0	41578	18751	18092	48090	9371	34952	11601
Lyso-MGDG 18:1	22855	10032	4088	8395	18352	8403	13684
Lyso-MGDG 18:2	52440	40407	33213	42829	89498	42223	57182
Lyso-DGDG 16:0	90510	43970	45729	45070	62220	79987	49094
Lyso-DGDG 18:1	36126	16271	9805	20976	24409	18069	21408
Lyso-DGDG 18:2	131968	73180	55235	73021	109736	73917	115856
Lyso-PC 16:0	6884854	8255163	6137659	5331589	4415505	6351073	7715371
Lyso-PC 16:3	102009	141034	94651	47643	97049	104932	126882
Lyso-PC 18:0	614510	434759	303645	481546	230984	386458	337370
Lyso-PC 18:1	2289765	1787500	618541	825779	747010	708209	2249240
Lyso-PC 18:2	3687384	3903509	3046641	2911674	2714308	2757567	4395511
Lyso-PC 18:3	1202477	1391126	1172665	1059447	940189	1154576	1267470
Lyso-PE 16:0	539748	403333	370471	353438	190633	391552	480423
Lyso-PE 18:0	7255	10681	5226	3074	5276	12217	8835
Lyso-PE 18:1	192375	91709	53476	69060	46758	60254	129516
Lyso-PE 18:2	354713	267985	264351	228910	178513	217798	330781
Lyso-PE 18:3	99303	78478	71361	69063	40258	73062	89341
SQDG 32:0	143573	289910	121495	212914	98456	109262	78566
SQDG 34:2	39811	48128	29102	64236	46267	29250	24829
PG 32:0	102943	121771	118130	110542	103936	75798	68744
PG 34:1	168324	159803	151502	169422	108145	163889	223404
PG 34:2	225554	174598	147995	242237	126773	166960	179968
PG 36:3	34170	34909	28738	32432	24331	29961	50808
PS 36:0	107580	87373	62562	105284	74679	83652	141464
PS 36:1	62263	32987	22846	33132	24951	38176	72815
PS 38:0	1429204	1378236	1292410	1511336	1312037	1246645	1522172
PS 38:1	1366465	1082928	923826	1137818	795260	1084550	1301264
PS 38:2	35211	14573	16757	22991	10277	20909	35057
PS 40:0	68275	66894	74196	68565	76334	57381	88486
PS 40:1	890972	1054876	1015806	1082894	985852	835571	1122031
PS 40:2	1541273	1474033	1363280	1320547	1227580	1365986	1536644
PS 40:3	1183890	767449	589162	676781	353035	830975	1174488
PS 40:4	64515	26721	29768	29719	18468	39663	56200
PI 34:1	485411	488331	655850	414213	636098	487324	1184726
PI 34:2	1589461	1492632	1431764	1307636	1600888	1399305	1591614
PI 34:3	78962	46834	57342	53014	49392	57195	57678
PI 36:4	174604	186361	142505	125605	159704	152266	228809

Rice Lipid Raw Data	GW69	GW70	GW71	GW72	GW73	GW74	GW78
DGDG 32:0	11121	15315	15865	23809	24180	14943	22648
DGDG 34:1	21453	29675	16292	28027	34742	24612	38871
DGDG 34:2	142098	146888	137186	172109	198805	163467	235332
DGDG 36:2	20387	23383	17197	23968	29576	22668	29469
DGDG 36:3	63660	78877	46721	95927	106998	74005	114108
DGDG 36:4	234377	221318	230202	187553	292452	266523	246673
DGDG 36:5	64331	72098	71405	62147	86093	79261	83992
DGDG 36:6	46322	59970	61824	31630	44360	48001	84956
MGDG 32:0	4893	6160	8204	13347	12102	12146	6985
MGDG 34:0	12210	15018	7068	11042	20147	22718	14603
MGDG 34:1	30679	29914	20853	12063	27880	31531	29165
MGDG 34:2(1)	83348	61950	75909	71102	95102	96693	64195
MGDG 34:2(2)	39970	36281	40439	60315	55509	66135	46886
MGDG 36:3	41225	41143	26785	68330	73540	56598	44973
MGDG 36:4	96930	94760	81345	99647	134883	129215	95730
MGDG 36:5	34063	37913	40084	56623	63313	62155	56786
MGDG 36:6	29868	34375	30860	28005	29364	35630	48223
PC 32:0	326057	245861	156079	152358	265735	264095	174972
PC 32:1	518869	468409	411998	229455	491864	555100	631908
PC 32:2	495865	388151	297944	188894	289778	400215	359455
PC 34:1	8711639	8786539	6710125	6311057	9001300	8387024	8961206
PC 34:2	7801994	6644120	5430409	4202151	5439660	5779421	4558043
PC 34:3(1)	170777	161636	136093	52209	81339	70689	70583
PC 34:3(2)	57606	43496	25464	24941	47172	46181	30324
PC 34:4	90066	75239	71088	37101	84074	95668	104692
PC 36:1(1)	57966	53370	52717	73885	60694	81385	70354
PC 36:1(2)	563897	614420	351791	232844	623070	682489	632212
PC 36:2	7389287	8667779	5342484	5472020	8776944	7527624	10100000
PC 36:3	10900000	10400000	8473312	7378242	10100000	10900000	10500000
PC 36:4(1)	6591946	5569848	4908504	3361196	4453260	5284927	3401873
PC 36:4(2)	1180903	1172198	1001634	1055533	1175648	1169521	1154604
PC 36:5(1)	643216	521163	490959	182513	362930	367557	206789
PC 36:5(2)	1159285	1093406	941698	767344	934480	985897	833532
PC 38:2(1)	83352	85907	55178	56002	72857	63679	63277
PC 38:2(2)	41110	39859	22014	14327	28855	42993	19410
PC 38:3	74393	70369	51288	49527	50384	64010	45799
PC 38:4(1)	29357	27311	29418	41710	33231	44446	38799
PC 38:4(2)	98036	113233	62439	41342	113003	125717	114966
PC38:5	1009540	1119415	907813	906274	1102613	1038423	1150512
PC38:6	1205072	1153627	1135884	1045601	1214185	1295730	1192487
PE 34:1	858322	850521	517457	587662	653759	590953	613335
PE 34:2	1181798	1163918	857830	812545	943434	970224	996103
PE 34:3	16335	15845	20550	10447	13368	10068	10617
PE 36:2	383399	456876	208444	321343	295568	254463	376539
PE 36:3	1050264	987052	663584	759120	762376	847633	819955
PE 36:4	1075448	998741	848988	794833	937252	1006215	801663
PE 36:5(1)	31686	27005	26607	14128	23255	18069	12098
PE 36:5(2)	197909	203311	151396	143315	167020	169602	184532
TAG 48:0	1699553	2560554	1504466	4072553	4640227	2371493	3224012

Rice Lipid Raw Data	GW69	GW70	GW71	GW72	GW73	GW74	GW78
TAG 48:1	3187813	3361750	2778212	1918480	3413493	3844739	4153981
TAG 48:2	5117319	5322931	4977666	3234175	6135797	6866368	6092682
TAG 48:3 (1)	425529	428008	424756	181367	387867	461516	393027
TAG 48:3 (2)	103333	105469	88395	92147	120059	84970	111955
TAG 48:4(1)	185392	176838	222647	71553	161611	209128	148274
TAG 48:4(2)	47424	48263	51738	31423	42921	48897	46538
TAG 50:0	1148979	1538392	1062704	1646392	2428924	1563680	2248578
TAG 50:1	40600000	48500000	37400000	49800000	57900000	45000000	50600000
TAG 50:2	70900000	76000000	65700000	74600000	91200000	76300000	76300000
TAG 50:3	16700000	17000000	17000000	11400000	17700000	19000000	18000000
TAG 50:4	7451071	8085925	10200000	3358526	7522566	10200000	8898136
TAG 50:5 (1)	429604	423029	521081	165061	356430	550347	384423
TAG 50:5 (2)	84118	89055	84443	47164	82131	83351	68503
TAG 52:0	1003720	1280460	983466	1198143	1855073	1422603	1749913
TAG 52:1	14500000	19300000	13600000	14100000	28000000	23200000	28000000
TAG 52:2	82800000	93600000	84000000	87800000	99400000	98100000	103000000
TAG 52:3	124000000	130000000	123000000	112000000	132000000	126000000	127000000
TAG 52:4	111000000	120000000	114000000	97600000	127000000	119000000	108000000
TAG 52:5	22300000	22000000	20700000	14700000	22400000	21700000	16500000
TAG 52:6	625951	648536	584626	408160	671115	558025	518494
TAG 54:0	418988	553569	390679	493394	780055	579852	717334
TAG 54:1	6311241	9616172	6586394	6755826	13000000	11800000	14400000
TAG 54:2	30900000	39100000	29700000	28800000	48200000	44500000	53300000
TAG 54:3	83900000	91500000	85700000	81800000	98100000	97200000	97800000
TAG 54:4	117000000	123000000	114000000	98900000	123000000	116000000	123000000
TAG 54:5	126000000	130000000	130000000	102000000	132000000	130000000	125000000
TAG 54:6	80000000	84700000	89500000	51700000	80900000	87400000	70400000
TAG 54:7	13800000	13300000	14300000	6577750	12400000	14400000	8753010
TAG 54:8	688463	661289	676838	269484	618099	590220	430991
TAG 56:0	106535	180206	110460	252020	304816	187144	259043
TAG 56:1	1994250	3345560	1988104	2366363	4001397	3935219	4303487
TAG 56:2	11900000	18800000	12200000	12400000	21500000	18800000	22400000
TAG 56:3	18100000	22900000	18400000	17900000	25800000	24200000	25400000
TAG 56:4	14600000	14400000	15500000	10400000	13300000	17500000	10200000
TAG 58:0	26143	42086	26812	50434	80461	50965	76237
TAG 58:1	1895243	3011408	1948514	2228690	3590769	2931630	3533116
TAG 58:2	6530727	9046823	6339480	7111071	11100000	9113783	9956905
TAG 58:3	4936963	6338983	4479319	4543128	6290931	6487860	5902514
TAG 58:4	5141190	6030710	5104378	3631836	6055557	6727875	4747835
TAG 58:5	649824	574530	617650	504982	563516	589423	414726
TAG 60:1	486725	803839	602622	512418	1196140	836597	1152399
TAG 60:2	4371801	6908403	4520803	4767390	8901509	6189820	9317098
TAG 60:3	5644770	7647061	5507768	4987528	8216846	7849077	7819085
TAG 60:4	6598446	7021195	6040663	4104168	7664078	7851763	5817871
TAG 60:5	568649	623653	464528	356548	577719	625126	454894
TAG 60:6	55080	40722	50449	24359	41425	28022	24281
DAG 34:1	53919	48202	38184	53734	71280	65675	38524
DAG 34:2	102000	73681	92468	82188	126838	132111	55481
DAG 36:2	157533	133205	126057	140428	227014	177501	181250

Rice Lipid Raw Data	GW69	GW70	GW71	GW72	GW73	GW74	GW78
DAG 36:3	497867	285317	416284	197619	468803	498449	152608
DAG 36:4	997891	677715	1037372	536771	889721	1166280	320485
DAG 36:5	147092	82925	91520	51703	70785	110693	35769
Lyso-MGDG 16:0	232200	193856	154384	124599	237038	263777	260939
Lyso-MGDG 18:0	16121	16369	8096	9737	25815	31496	22433
Lyso-MGDG 18:1	9073	8492	6608	6110	18555	16701	22915
Lyso-MGDG 18:2	54431	34204	49416	48875	82043	80002	65922
Lyso-DGDG 16:0	45062	39512	33758	38392	65265	57180	79679
Lyso-DGDG 18:1	16172	19186	14015	11647	28609	22087	54625
Lyso-DGDG 18:2	127739	84296	130291	71378	129900	96703	199521
Lyso-PC 16:0	7850794	6274367	5410167	5105202	7494149	9688423	7799147
Lyso-PC 16:3	171514	117127	148783	80986	111509	228579	244612
Lyso-PC 18:0	405994	378304	216699	264183	463539	691281	415993
Lyso-PC 18:1	2060395	1886093	1462793	721885	2071236	2722375	2805312
Lyso-PC 18:2	5485614	3757663	3998977	3157470	4726625	6005641	4940956
Lyso-PC 18:3	1283628	1154319	1055678	1023457	1259849	1408323	1288531
Lyso-PE 16:0	576439	401567	361626	396350	384518	780435	455322
Lyso-PE 18:0	11335	8517	11246	4898	9349	11694	15522
Lyso-PE 18:1	136432	130072	95826	81838	109054	149640	162994
Lyso-PE 18:2	489179	301783	303093	314405	317795	414542	314912
Lyso-PE 18:3	102464	75729	69170	76604	75854	135605	82993
SQDG 32:0	97352	110991	134365	84860	79695	113448	125173
SQDG 34:2	27159	29181	36837	21521	24992	38275	26786
PG 32:0	81661	65402	99138	80907	68791	68655	77645
PG 34:1	235435	149460	126118	184047	172965	216670	188393
PG 34:2	187788	170155	145757	180312	165203	170258	187547
PG 36:3	49824	31073	28091	35386	32879	37913	37686
PS 36:0	129669	114711	61411	129650	151961	158355	164789
PS 36:1	52069	53530	23743	40633	64250	50145	78962
PS 38:0	1515966	1294435	1238655	1489661	1419389	1522699	1420374
PS 38:1	1211034	1096775	914925	1081072	1114579	941784	1213078
PS 38:2	29550	30781	11747	20272	16815	15379	23405
PS 40:0	92230	57463	45512	97644	110295	101361	96874
PS 40:1	1157704	943165	942915	1209962	1125953	1316337	1031086
PS 40:2	1559625	1375025	1315216	1559896	1516304	1527206	1497415
PS 40:3	963242	897857	651729	837155	977626	664156	1037428
PS 40:4	44764	57439	23987	36872	35628	23851	47813
PI 34:1	1215091	501112	648041	423161	580451	643103	863966
PI 34:2	1749394	1378054	1448051	1220763	1269503	1430179	1655405
PI 34:3	66132	70256	41037	50670	46039	52070	72580
PI 36:4	206318	163942	161508	121892	130683	137009	182450

Rice Lipid Raw Data	GW79	GW80	GW81	GW83	GW84	GW85	GW86
DGDG 32:0	18624	33731	33732	40144	49395	11346	18619
DGDG 34:1	23723	51203	55379	43582	35975	21268	35906
DGDG 34:2	127064	330556	255969	267666	261885	133388	191822
DGDG 36:2	17241	50321	42922	40169	40262	30293	28119
DGDG 36:3	50577	91952	111468	78980	59597	66538	87239
DGDG 36:4	193703	288825	282932	244325	178913	254248	278691
DGDG 36:5	71686	56669	85275	69452	65315	80727	89688
DGDG 36:6	56004	43794	57091	53672	94929	54139	82692
MGDG 32:0	7828	12523	17750	21033	10354	3860	7429
MGDG 34:0	10802	38995	34688	51778	16681	3695	12843
MGDG 34:1	18715	35666	63816	23515	14226	4739	48010
MGDG 34:2(1)	47105	108088	105223	118137	76625	8689	74702
MGDG 34:2(2)	34204	68039	96564	92816	47016	21202	53745
MGDG 36:3	38219	39094	70794	56981	41515	42275	64051
MGDG 36:4	87607	92138	125138	133350	85670	108695	126954
MGDG 36:5	51524	31795	49186	49131	47201	59466	62474
MGDG 36:6	40405	20124	36150	53163	53342	34996	56870
PC 32:0	243792	197991	244586	355787	145801	158479	203183
PC 32:1	729761	396396	731331	521543	399155	429364	432301
PC 32:2	529511	314888	456757	766516	245108	342865	332989
PC 34:1	8203016	7162271	10500000	10500000	5821294	8225973	7756816
PC 34:2	6331186	5250978	6470388	6915370	3704596	6258265	5544278
PC 34:3(1)	142249	78971	132621	122249	99421	97330	74148
PC 34:3(2)	41534	33631	41617	62589	24041	21392	35475
PC 34:4	124108	65226	124389	88052	66488	70539	75150
PC 36:1(1)	49015	67680	60034	63369	48336	49687	58641
PC 36:1(2)	608827	584794	829623	639836	377909	699508	641826
PC 36:2	6868838	7126333	9579307	9150982	5347702	7558699	6806644
PC 36:3	10600000	9450239	12600000	11900000	6646883	10300000	9333950
PC 36:4(1)	5673827	4919362	5400080	5741356	2677694	5639650	5065079
PC 36:4(2)	1119977	1047086	1253133	1258924	980088	1096232	1118576
PC 36:5(1)	556832	502252	561174	700655	356041	505914	378012
PC 36:5(2)	1024247	900302	1034734	1047808	693731	1005437	936434
PC 38:2(1)	68171	66528	91412	76710	38810	76151	62595
PC 38:2(2)	43240	37360	41074	53566	19259	44523	39332
PC 38:3	68701	64959	77034	73124	29150	69132	56308
PC 38:4(1)	25565	36113	32897	34868	25654	27302	34058
PC 38:4(2)	110987	103666	155414	117469	67519	128435	116259
PC38:5	1038255	1038011	1076127	1058617	909183	1036045	963618
PC38:6	1200139	1107468	1305269	1268522	994344	1145771	1203737
PE 34:1	741456	638958	967254	672261	507335	813530	687936
PE 34:2	1159341	959604	1201518	996665	746121	1137259	1036331
PE 34:3	19090	13487	13005	13533	15277	14470	13150
PE 36:2	330502	318151	574806	412327	201530	346110	265820
PE 36:3	1005087	827242	1245467	907846	478787	971602	782741
PE 36:4	1120829	930575	1147267	893461	750262	1013622	957430
PE 36:5(1)	26366	24670	26211	24855	18421	25007	18782
PE 36:5(2)	206209	166942	188171	179217	134322	191693	179681
TAG 48:0	2736826	3027951	3413604	6246839	5011231	1615409	2179112

Rice Lipid Raw Data	GW79	GW80	GW81	GW83	GW84	GW85	GW86
TAG 48:1	4660718	3588627	5124281	5328564	3681637	2978457	4509647
TAG 48:2	9376868	7705462	8668699	11000000	7963085	4253155	7108173
TAG 48:3 (1)	675451	479995	594977	685231	472386	345076	545754
TAG 48:3 (2)	90068	99389	175099	142950	85082	57602	127801
TAG 48:4(1)	241144	166230	263676	247732	161471	151110	251866
TAG 48:4(2)	58401	51340	77486	74696	43981	25205	63394
TAG 50:0	1638995	1746044	2026694	2822488	2767764	1233534	1396401
TAG 50:1	48600000	47800000	62500000	59900000	53700000	41000000	47500000
TAG 50:2	82800000	83300000	96300000	105000000	78800000	70100000	80600000
TAG 50:3	21400000	18900000	22600000	27000000	18800000	16400000	20000000
TAG 50:4	11500000	9180662	9824303	13100000	10600000	6569207	10100000
TAG 50:5 (1)	869970	577744	529680	698743	621065	367633	560869
TAG 50:5 (2)	73572	92851	128516	92037	50303	51077	107891
TAG 52:0	1411104	1367520	1614074	1742104	1993824	1101629	1241743
TAG 52:1	19800000	21100000	30000000	29700000	21400000	18200000	22100000
TAG 52:2	91200000	95700000	97200000	98200000	93100000	86200000	92600000
TAG 52:3	125000000	119000000	131000000	139000000	118000000	127000000	126000000
TAG 52:4	124000000	121000000	131000000	140000000	115000000	119000000	126000000
TAG 52:5	25300000	24000000	25900000	29900000	23500000	20600000	22300000
TAG 52:6	900329	754137	831419	1118561	845991	560397	651817
TAG 54:0	578109	584340	834879	731293	764789	462924	499156
TAG 54:1	8906663	10500000	17000000	15100000	10800000	9226431	11300000
TAG 54:2	39500000	42000000	52100000	48800000	38800000	39700000	41500000
TAG 54:3	85500000	90900000	96000000	99200000	88200000	94200000	88900000
TAG 54:4	113000000	121000000	130000000	128000000	112000000	123000000	114000000
TAG 54:5	128000000	129000000	140000000	134000000	115000000	126000000	127000000
TAG 54:6	80700000	75000000	90300000	92900000	75500000	80100000	87600000
TAG 54:7	15100000	13800000	15000000	16300000	11700000	14000000	13900000
TAG 54:8	886533	718422	723230	850664	679282	567662	672689
TAG 56:0	176453	205929	250089	401658	355690	132729	147390
TAG 56:1	2747065	3308534	5230827	4962695	3503155	2928260	3556472
TAG 56:2	14400000	17000000	24600000	24600000	18800000	16100000	17400000
TAG 56:3	19200000	23000000	30200000	28300000	18700000	23600000	24700000
TAG 56:4	15000000	16900000	18000000	16300000	12300000	16200000	16300000
TAG 58:0	41949	54637	53517	101821	100297	33545	41408
TAG 58:1	2410199	3130318	4247017	4492847	3202825	2546532	2783681
TAG 58:2	7272721	9368522	11400000	13100000	9538111	8536339	9138770
TAG 58:3	5120180	6318892	8638261	7958665	5164778	6301020	6082898
TAG 58:4	5652173	6461397	9119363	8152850	4739674	6808768	6510950
TAG 58:5	703269	623050	828054	862838	600331	579067	651343
TAG 60:1	633558	872220	984676	1294378	937738	640705	720611
TAG 60:2	4858498	7103477	8427253	9323375	7303969	5707404	5903475
TAG 60:3	6376536	7640379	9763595	9629354	6461398	7134824	7145448
TAG 60:4	6880077	8417530	10300000	8977377	5965989	7843429	7371058
TAG 60:5	674879	751711	813106	897162	658296	611162	602475
TAG 60:6	43555	30618	44383	58043	32950	37680	39364
DAG 34:1	51470	62296	61718	84237	60796	52731	38935
DAG 34:2	139294	129628	106225	308144	140410	91749	69640
DAG 36:2	132975	179405	174534	283547	218663	175165	112548

Rice Lipid Raw Data	GW79	GW80	GW81	GW83	GW84	GW85	GW86
DAG 36:3	436409	511989	395528	878509	432408	438140	212989
DAG 36:4	950179	1000098	804024	1271417	878649	972606	567262
DAG 36:5	130751	123745	77459	175478	112734	108578	60301
Lyso-MGDG 16:0	187574	223589	228968	286917	190890	56670	160026
Lyso-MGDG 18:0	17901	30869	33743	42190	20225	5255	18272
Lyso-MGDG 18:1	9144	17528	24699	13567	8623	4289	16938
Lyso-MGDG 18:2	43830	93837	97186	64676	68277	30076	50443
Lyso-DGDG 16:0	40279	90670	62086	64910	89204	20609	32624
Lyso-DGDG 18:1	14492	34254	31974	18122	22843	10374	20062
Lyso-DGDG 18:2	78221	207831	130334	88503	171949	82457	77203
Lyso-PC 16:0	7481935	5604633	6940251	6691030	6033992	3734437	6044941
Lyso-PC 16:3	206245	125515	127382	108048	131759	87523	105751
Lyso-PC 18:0	431029	361796	507521	443149	320319	280595	410149
Lyso-PC 18:1	1757774	1385981	2228358	1469716	725630	1298572	1907386
Lyso-PC 18:2	4209538	3245312	3889128	3550381	4255035	3172002	3128368
Lyso-PC 18:3	1260259	1053065	1212794	1194298	1133737	813408	1119756
Lyso-PE 16:0	608367	366817	475599	374384	411751	278217	382649
Lyso-PE 18:0	8965	11463	11263	12276	7787	3030	9541
Lyso-PE 18:1	116936	91164	150151	80021	73853	89456	121413
Lyso-PE 18:2	375738	309997	345352	272578	367072	286056	253754
Lyso-PE 18:3	111557	72642	88046	71834	74682	55701	72822
SQDG 32:0	119554	126809	74033	179106	80391	128132	110520
SQDG 34:2	27395	45331	25693	31849	26776	34139	34485
PG 32:0	87599	98945	113970	118623	70856	97114	82169
PG 34:1	170426	258671	196007	94116	198559	177469	191411
PG 34:2	170678	168602	178681	152105	173365	170922	168857
PG 36:3	37071	51566	30971	17963	45131	37870	44745
PS 36:0	110098	153778	85795	113046	113941	119466	123750
PS 36:1	44445	56404	33757	33904	48355	49253	55316
PS 38:0	1324951	1588666	1370955	1159330	1437977	1344638	1343071
PS 38:1	1012026	1192462	1076496	809443	1233643	1110846	1092610
PS 38:2	18951	23880	30706	23520	18385	17276	12085
PS 40:0	92461	131022	83539	60865	110003	98990	79458
PS 40:1	1058812	1260801	781099	889893	1126380	1028466	1059838
PS 40:2	1497424	1551037	1317137	1202110	1493729	1438710	1420103
PS 40:3	966811	952175	832101	439759	1048425	916605	960532
PS 40:4	44840	42791	48452	33962	43869	36313	34766
PI 34:1	525438	1356308	861326	499875	1032712	981794	962874
PI 34:2	1373366	1614252	1748429	1660501	1573702	1506292	1532459
PI 34:3	61142	61996	90374	96536	54417	58523	48272
PI 36:4	181029	203995	160935	120139	216354	168128	225457

Rice Lipid Raw Data	GW87	GW88	GW89	GW90	GW91	GW92	GW94
DGDG 32:0	19833	48220	18535	44990	15129	9465	25564
DGDG 34:1	24937	62841	19418	49874	18570	17214	28735
DGDG 34:2	197197	507923	138920	433960	140975	96857	227519
DGDG 36:2	36792	85679	30291	56432	15375	17063	32182
DGDG 36:3	62044	77630	42641	136574	46890	37019	67507
DGDG 36:4	253435	373820	149393	553529	225811	151248	277752
DGDG 36:5	64670	83816	55511	114612	67372	54604	82974
DGDG 36:6	35486	79291	38892	160111	46219	45060	61048
MGDG 32:0	10540	13585	8734	8991	5765	4455	6804
MGDG 34:0	19929	32010	39975	24913	8994	6534	17947
MGDG 34:1	10723	37003	13254	32192	18715	22316	22971
MGDG 34:2(1)	63782	157923	50945	136932	56136	51043	103948
MGDG 34:2(2)	67184	110172	37564	64491	39865	29831	64234
MGDG 36:3	45705	47842	31466	49547	33929	31793	45085
MGDG 36:4	134082	154609	67469	120655	97840	75529	122044
MGDG 36:5	52513	67191	39218	56256	43761	38047	52328
MGDG 36:6	21836	64470	37909	56422	27709	39030	37121
PC 32:0	208554	178943	252873	160153	208257	205807	243877
PC 32:1	466189	341531	402405	242103	477490	383559	480947
PC 32:2	383363	304132	307531	263641	573450	341154	466125
PC 34:1	7348800	7700631	7435938	5788173	7476066	6821757	8476218
PC 34:2	5638282	5759535	5609701	5071170	7196861	5962851	8390581
PC 34:3(1)	52729	66498	77038	128403	119282	102471	212057
PC 34:3(2)	31592	30110	44248	27199	37645	36296	43730
PC 34:4	79031	57177	67498	38300	80715	61732	78057
PC 36:1(1)	53600	56579	57393	66748	50805	40569	75330
PC 36:1(2)	478530	488565	509695	281823	440486	385581	516088
PC 36:2	6999408	5749680	5863082	4189173	5817997	5359779	5638099
PC 36:3	9344473	8715898	8521800	6348376	9832167	9189232	10200000
PC 36:4(1)	4876302	4432224	4494752	3728368	6667978	5925856	7031479
PC 36:4(2)	1074410	1103722	1075595	935843	1095683	1075181	1145365
PC 36:5(1)	396944	354607	271291	352338	550414	451955	644539
PC 36:5(2)	958052	979119	941379	872587	1100379	972721	1185492
PC 38:2(1)	78541	57893	54121	27197	69122	62161	65000
PC 38:2(2)	49860	48132	35089	20198	44947	44627	38860
PC 38:3	61996	51142	46581	32310	74021	58514	69212
PC 38:4(1)	28796	31876	30868	37441	27342	22477	41238
PC 38:4(2)	83901	86037	94341	49347	78720	66452	94267
PC38:5	1017750	808833	931473	731744	996524	969391	844194
PC38:6	1107104	1094523	1111812	916317	1145500	1166177	1130939
PE 34:1	689976	520711	620903	364372	624479	640646	853906
PE 34:2	1008400	934441	920068	871990	1117478	1147852	1490012
PE 34:3	9583	8317	11817	19150	18670	16334	31283
PE 36:2	333647	184234	313654	144601	245344	301079	288007
PE 36:3	895880	706867	796774	344275	841216	904378	961690
PE 36:4	991433	934482	909182	810286	1024174	1106641	1281784
PE 36:5(1)	18222	14426	18165	20641	32545	29738	36502
PE 36:5(2)	177700	168251	165670	144531	195035	200474	237875
TAG 48:0	2046461	3963152	2512723	6096276	2201035	1590906	2318188

Rice Lipid Raw Data	GW87	GW88	GW89	GW90	GW91	GW92	GW94
TAG 48:1	3101313	3102520	3501409	3422434	3744140	2925045	3388372
TAG 48:2	6394821	6481840	6895432	7806453	8143565	5454098	7033076
TAG 48:3 (1)	520702	414913	472330	412685	518692	391916	513298
TAG 48:3 (2)	170393	45578	166594	71279	93432	71355	195827
TAG 48:4(1)	209046	166996	212998	176745	289390	191133	278768
TAG 48:4(2)	69063	40872	112517	39755	61628	47588	90131
TAG 50:0	1348210	1849020	1650952	2923530	1271446	1105256	1427565
TAG 50:1	40800000	51100000	45300000	59200000	45800000	36600000	46800000
TAG 50:2	76500000	94100000	82100000	97300000	83100000	69300000	79900000
TAG 50:3	18000000	17600000	16500000	18500000	20600000	16600000	19200000
TAG 50:4	8569245	8506542	8414751	9970523	12100000	8624764	11100000
TAG 50:5 (1)	498871	542559	391802	487183	576955	453872	521793
TAG 50:5 (2)	136954	35111	131625	39568	89849	77377	190777
TAG 52:0	1171615	1403178	1321776	1968647	1099659	955480	1154788
TAG 52:1	15300000	22000000	22000000	26300000	15900000	13700000	19500000
TAG 52:2	88100000	98100000	86500000	102000000	89900000	82500000	87200000
TAG 52:3	120000000	122000000	119000000	121000000	126000000	113000000	124000000
TAG 52:4	120000000	131000000	116000000	129000000	131000000	119000000	136000000
TAG 52:5	20800000	28400000	20500000	24700000	25400000	20700000	26700000
TAG 52:6	564997	994125	576977	993214	758141	649871	777633
TAG 54:0	459269	547060	545869	677194	460092	368936	441461
TAG 54:1	7851810	10500000	10700000	12200000	7855027	5759144	9398413
TAG 54:2	33400000	38000000	37900000	43300000	35900000	27900000	37800000
TAG 54:3	88000000	82600000	84500000	85200000	88400000	83800000	88100000
TAG 54:4	122000000	113000000	111000000	117000000	115000000	106000000	114000000
TAG 54:5	136000000	127000000	126000000	114000000	136000000	124000000	138000000
TAG 54:6	83900000	89900000	82900000	77100000	94100000	80700000	106000000
TAG 54:7	13200000	16100000	12600000	11400000	15700000	14000000	16900000
TAG 54:8	502782	815279	485466	662570	772412	702669	875765
TAG 56:0	158489	258291	147354	350825	165614	105741	152836
TAG 56:1	2401158	3691061	3009484	4032179	2512955	1548312	2841826
TAG 56:2	15000000	17600000	16300000	19300000	14000000	10300000	16600000
TAG 56:3	21400000	21800000	21100000	19800000	20600000	17100000	21200000
TAG 56:4	17400000	17800000	15900000	13400000	16400000	14400000	18500000
TAG 58:0	40667	64143	31175	93482	36241	25928	30642
TAG 58:1	2309748	3435699	2285664	3637348	2299887	1487219	2646926
TAG 58:2	7969810	9943081	7209323	9380967	7581076	5204124	8131785
TAG 58:3	5480343	6298412	5623452	4910528	5758714	3732464	6321126
TAG 58:4	5881004	6769492	5453538	5354975	6843465	4169251	7425957
TAG 58:5	570844	707473	538571	605161	552669	635846	825153
TAG 60:1	668845	931384	489984	1101566	524146	429861	596868
TAG 60:2	5328109	6941437	4346789	7000051	4733819	3478482	5354311
TAG 60:3	7070791	7348793	5514664	5796796	6577609	4684627	6848532
TAG 60:4	7123203	8029102	5949301	6029036	8304133	5475439	8252100
TAG 60:5	698603	846858	468235	624686	567940	470686	672370
TAG 60:6	25243	34429	28655	32573	40397	47384	78975
DAG 34:1	50856	63761	48296	41815	31853	25721	34509
DAG 34:2	111577	271854	68677	86357	65036	52056	69660
DAG 36:2	142979	161918	106224	109971	81548	80548	96558

Rice Lipid Raw Data	GW87	GW88	GW89	GW90	GW91	GW92	GW94
DAG 36:3	590424	635882	332239	177312	242064	151585	211147
DAG 36:4	1131981	1288594	915161	592760	701859	627000	787806
DAG 36:5	126070	177655	69858	58569	59446	62594	71980
Lyso-MGDG 16:0	119910	227007	116908	219419	225149	125403	151519
Lyso-MGDG 18:0	11118	30867	17842	28723	19920	10361	11432
Lyso-MGDG 18:1	7049	13752	5533	9836	6298	6369	8062
Lyso-MGDG 18:2	68034	98142	37835	49816	33522	27426	66972
Lyso-DGDG 16:0	47481	138879	27522	66596	41365	14339	41879
Lyso-DGDG 18:1	12218	33284	10060	32890	15454	6542	13205
Lyso-DGDG 18:2	109772	215640	58432	176555	101133	33051	108061
Lyso-PC 16:0	5862135	6587273	4101997	4778269	7298126	4436044	6093515
Lyso-PC 16:3	144486	73210	64027	75209	198630	97631	136361
Lyso-PC 18:0	317374	404831	317210	292040	312373	211167	299685
Lyso-PC 18:1	749742	742901	612624	717277	1563368	1188432	1230545
Lyso-PC 18:2	3704754	3077616	2255748	3372633	4369014	3038131	3841568
Lyso-PC 18:3	1129558	1185839	885474	960874	1271162	929591	1167006
Lyso-PE 16:0	382659	399893	275661	399613	404706	291947	390902
Lyso-PE 18:0	6274	6056	3702	4773	20219	8570	9859
Lyso-PE 18:1	67106	69714	53940	72733	86382	77792	87074
Lyso-PE 18:2	303992	289766	192390	300234	295651	226770	311943
Lyso-PE 18:3	72324	77358	56529	77617	76019	59389	75186
SQDG 32:0	142532	88350	174421	111029	77814	82478	118795
SQDG 34:2	38704	20560	41280	26919	31039	51295	20857
PG 32:0	123133	75614	109499	78037	61621	87756	81062
PG 34:1	129083	150236	99418	163582	131182	184039	171709
PG 34:2	159053	154877	211289	186672	141603	222113	190327
PG 36:3	21138	30889	24117	42691	31382	40061	53467
PS 36:0	88257	109101	62294	130925	105087	125420	83923
PS 36:1	35403	48931	37077	72166	56925	67746	50523
PS 38:0	1349346	1355715	1073444	1375890	1260414	1433656	1249743
PS 38:1	1077135	1146418	1027894	1296717	1206325	1417441	1203399
PS 38:2	17187	18951	28884	29292	19981	33477	21252
PS 40:0	77268	81399	49397	68944	69711	84025	73747
PS 40:1	982282	982573	796022	922476	849674	883742	834098
PS 40:2	1447808	1382998	1236973	1551416	1450198	1481755	1543107
PS 40:3	849687	852268	747952	1172546	1028764	1204978	1143630
PS 40:4	34025	30427	36162	57789	44768	61805	48864
PI 34:1	545188	584262	258606	559353	1094963	1082480	576799
PI 34:2	1627553	1183254	1103473	1468223	1885025	2082504	1384365
PI 34:3	70290	36990	71677	64622	70841	86236	48103
PI 36:4	180965	128011	78257	212490	235578	219897	239060

Rice Lipid Raw Data	GW95	GW97	GW98	GW99	GW100	GW101	GW102
DGDG 32:0	13900	21684	11771	13346	28629	16688	71371
DGDG 34:1	15348	40325	19926	24380	38894	24824	51715
DGDG 34:2	120582	179979	142821	159621	228721	148461	300411
DGDG 36:2	17561	25528	23133	23973	26649	21933	64284
DGDG 36:3	42978	104051	49413	51301	83528	64773	74786
DGDG 36:4	197886	261328	253859	249588	222453	221474	239224
DGDG 36:5	53623	75540	81326	60749	72878	68095	61555
DGDG 36:6	40613	40140	68410	36921	78702	49104	48458
MGDG 32:0	6300	10385	3966	5300	9658	6203	24640
MGDG 34:0	12275	10812	9435	14798	15803	18302	79215
MGDG 34:1	14165	18284	9626	23227	25729	40409	38688
MGDG 34:2(1)	65717	54061	60574	81849	57966	79377	153029
MGDG 34:2(2)	44863	43117	33968	38171	39424	41858	96244
MGDG 36:3	34659	65056	34198	38448	48985	53070	65285
MGDG 36:4	92771	141571	106459	100010	103893	96017	109823
MGDG 36:5	26532	62641	50352	37273	63452	37510	41001
MGDG 36:6	14404	26425	38097	23370	53081	24138	22731
PC 32:0	227361	293773	261829	214993	204074	268461	279900
PC 32:1	324286	438946	414713	384130	907380	504608	317908
PC 32:2	344188	234869	387894	348260	376681	482047	241240
PC 34:1	6365998	13000000	7978450	7184342	9544863	8769319	7906335
PC 34:2	6705240	6112241	7974213	6153717	4506825	7439518	4807507
PC 34:3(1)	91470	182977	120950	69821	54862	120006	98796
PC 34:3(2)	39839	51575	45482	36056	34750	46122	49534
PC 34:4	52695	74101	67930	63389	156487	86952	51715
PC 36:1(1)	50541	71384	54720	48997	70850	61895	56601
PC 36:1(2)	441732	679807	466485	397797	596574	594324	540005
PC 36:2	4933727	10400000	5868132	5213540	9403880	7400655	7107270
PC 36:3	9042131	9010403	10000000	9323411	9972097	10400000	8561108
PC 36:4(1)	6502385	2852731	6826960	5316358	3437104	6551667	3552969
PC 36:4(2)	985709	1154565	1123668	1073543	1260250	1187488	1104138
PC 36:5(1)	476615	260143	645340	308395	230139	672245	383544
PC 36:5(2)	1068739	1012016	1195077	1016482	802987	1099416	824473
PC 38:2(1)	60446	72036	70049	61763	54149	80786	60023
PC 38:2(2)	47256	33298	42929	36406	23045	48632	53003
PC 38:3	69391	35565	76556	62856	34728	80234	44387
PC 38:4(1)	26659	39776	30915	27533	37759	33460	32059
PC 38:4(2)	79458	132901	83174	71547	111285	111215	97401
PC38:5	868377	1150319	895080	818401	1114516	1011618	960157
PC38:6	1037850	1102810	1196805	1123710	1147112	1217460	1076302
PE 34:1	585416	1179315	792690	602153	656879	800100	658162
PE 34:2	1042319	1162561	1360558	931643	891671	1192264	901250
PE 34:3	12588	22763	25852	9430	9034	19795	17415
PE 36:2	237884	601169	307628	261416	332508	350923	379139
PE 36:3	804124	1048194	960529	825876	771909	1002837	880995
PE 36:4	993884	829548	1163394	953864	808610	1088074	895587
PE 36:5(1)	25749	17515	34237	19702	11154	35134	27324
PE 36:5(2)	186481	191216	224764	168406	154667	200732	163658
TAG 48:0	1766831	2627648	2065194	1956203	4026594	1998772	6379399

Rice Lipid Raw Data	GW95	GW97	GW98	GW99	GW100	GW101	GW102
TAG 48:1	2363412	4336860	2819235	3020020	4143611	4231454	3516159
TAG 48:2	4586983	6422604	5708787	5769792	6567974	7291329	6191165
TAG 48:3 (1)	359194	515813	430380	430560	412153	556232	377405
TAG 48:3 (2)	96603	177275	98435	103011	116323	96975	111107
TAG 48:4(1)	194096	195963	239859	204000	166445	230869	113553
TAG 48:4(2)	56239	45286	65240	58331	44304	55831	37414
TAG 50:0	1032693	1765655	1239528	1196989	2405948	1266432	3342874
TAG 50:1	37600000	48600000	41200000	40800000	53000000	46100000	60600000
TAG 50:2	76400000	70000000	79300000	81200000	77900000	77200000	95100000
TAG 50:3	14200000	18800000	16900000	17900000	17800000	20100000	19000000
TAG 50:4	7208724	9107328	9600195	8657776	8986042	9724926	6334231
TAG 50:5 (1)	344977	430676	494412	402579	413151	549462	404965
TAG 50:5 (2)	90861	133271	111878	83270	70422	86066	68862
TAG 52:0	902617	1506634	1018299	994879	1779290	1094233	2264691
TAG 52:1	14800000	25000000	15600000	16900000	28300000	18200000	26600000
TAG 52:2	77700000	95200000	83600000	82500000	90800000	92500000	95900000
TAG 52:3	115000000	127000000	123000000	132000000	123000000	121000000	128000000
TAG 52:4	121000000	113000000	132000000	120000000	121000000	123000000	125000000
TAG 52:5	20900000	18400000	24300000	21000000	17300000	23300000	27000000
TAG 52:6	578157	516409	727449	602660	547258	650420	925053
TAG 54:0	374900	683095	407518	396103	699088	450816	767222
TAG 54:1	6740693	15500000	7158417	7897971	13000000	8322163	13700000
TAG 54:2	31000000	52100000	31300000	34300000	48500000	37300000	44700000
TAG 54:3	77600000	100000000	79300000	81600000	92300000	88400000	87900000
TAG 54:4	111000000	126000000	115000000	115000000	128000000	115000000	112000000
TAG 54:5	134000000	133000000	131000000	134000000	122000000	133000000	123000000
TAG 54:6	88000000	82000000	100000000	84300000	72600000	85400000	71000000
TAG 54:7	14100000	11800000	17000000	12300000	9242550	14500000	12200000
TAG 54:8	616005	521458	783075	476872	459304	688695	686098
TAG 56:0	128522	193816	131877	117363	280181	138790	414822
TAG 56:1	2186703	4437739	2189928	2244406	3902444	2914782	4798589
TAG 56:2	12200000	27500000	12800000	13400000	20700000	15400000	23200000
TAG 56:3	18800000	31500000	18800000	20300000	24100000	22000000	25200000
TAG 56:4	17000000	15700000	18000000	18100000	11100000	16800000	15300000
TAG 58:0	30542	52870	26888	28807	77313	32330	106409
TAG 58:1	2179465	3746419	2007839	1988578	3341123	2553813	4164500
TAG 58:2	7056127	11400000	6797541	6754952	8781468	7912487	11500000
TAG 58:3	5230220	7753035	5044936	5111840	5427910	5913778	6787983
TAG 58:4	6103334	6486806	6421659	6118967	4402941	6364530	6002110
TAG 58:5	660157	584986	817880	623398	400687	638758	788656
TAG 60:1	526928	981231	471565	513534	991476	599703	1165995
TAG 60:2	4598149	10100000	4249909	4178818	7572908	5363378	8318763
TAG 60:3	6518642	8598960	5662963	5661629	6358645	7003191	7929792
TAG 60:4	8192786	7658377	7467044	6926540	5381727	7929139	7207128
TAG 60:5	578093	606718	582804	518203	404573	607795	861811
TAG 60:6	47113	25735	60105	34474	20450	47099	48366
DAG 34:1	34799	57262	37818	25304	42207	52808	103695
DAG 34:2	79124	82903	86157	49133	53404	126817	302447
DAG 36:2	100115	201878	93050	78631	135216	136433	270875

Rice Lipid Raw Data	GW95	GW97	GW98	GW99	GW100	GW101	GW102
DAG 36:3	305656	419543	294272	220637	254178	403729	687246
DAG 36:4	890147	744377	875525	593461	562578	954916	957345
DAG 36:5	85130	76411	77839	47825	49295	106384	160953
Lyso-MGDG 16:0	182017	177226	141662	185201	229463	204888	209328
Lyso-MGDG 18:0	20213	17238	13491	13118	33224	24039	55273
Lyso-MGDG 18:1	5844	18806	4310	9087	12943	8462	7148
Lyso-MGDG 18:2	45893	75212	42380	48376	40633	40884	42418
Lyso-DGDG 16:0	34355	48667	26665	33552	51404	35785	46998
Lyso-DGDG 18:1	14024	37396	10421	14566	28687	11813	16194
Lyso-DGDG 18:2	91632	143224	94447	99798	96738	78361	70413
Lyso-PC 16:0	6468171	7309686	5635184	5677725	7431826	7796041	4319256
Lyso-PC 16:3	94533	153261	97850	109260	157472	150287	43904
Lyso-PC 18:0	403952	400601	311477	271969	464546	431809	419700
Lyso-PC 18:1	1588497	2295701	932777	1183876	2569564	1970978	617489
Lyso-PC 18:2	4427175	4213848	4053738	3963931	4570556	4234711	2636315
Lyso-PC 18:3	1201395	1280412	1083457	1091317	1231328	1286353	917263
Lyso-PE 16:0	451105	398237	398705	311816	450518	535101	287291
Lyso-PE 18:0	6992	8620	5163	11507	11662	12142	2873
Lyso-PE 18:1	96022	127239	72222	71211	143990	117761	56825
Lyso-PE 18:2	317028	298563	316644	294491	270364	321487	225473
Lyso-PE 18:3	86547	78276	72692	64402	85194	97724	58006
SQDG 32:0	82768	109415	90747	167585	123877	132831	128486
SQDG 34:2	26834	35758	24414	67674	34474	33756	32672
PG 32:0	72048	91386	70798	78944	86485	159539	104962
PG 34:1	292101	196152	129355	191150	206671	160917	136949
PG 34:2	206058	225268	152666	160817	180542	193762	165701
PG 36:3	32764	48774	37638	35999	52358	46366	30093
PS 36:0	119082	115499	104831	167257	132743	86655	96968
PS 36:1	27301	61649	53564	46249	64331	26981	28773
PS 38:0	1798918	1407440	1264878	1487187	1450013	1388706	1327375
PS 38:1	1115191	1370986	1183618	922618	1319599	1024991	906975
PS 38:2	36170	32362	18163	14909	30230	24168	24534
PS 40:0	107669	78801	67847	98814	91646	81837	78766
PS 40:1	1284236	945431	908648	1258322	1127855	1110339	977227
PS 40:2	1528903	1454372	1474079	1465766	1608162	1462178	1357713
PS 40:3	459197	1169544	1039042	683269	1183068	724298	656432
PS 40:4	27671	61276	36325	23780	59277	39036	31781
PI 34:1	1330920	959151	575609	696866	877802	521761	521995
PI 34:2	2027536	1784181	1285822	1485556	1399720	1491702	1306402
PI 34:3	99368	67757	38116	56354	52481	68369	61541
PI 36:4	86065	214512	182201	130848	186204	152484	117685

Rice Lipid Raw Data	GW103	GW104	GW105	GW106	GW107	GW108	GW109
DGDG 32:0	37710	29748	17564	26465	91579	45916	29747
DGDG 34:1	37903	48402	23714	32150	131844	65559	32925
DGDG 34:2	214372	300904	149761	212117	855919	324169	351512
DGDG 36:2	34194	48013	16886	23175	161340	44164	60002
DGDG 36:3	82401	108331	50858	63178	152153	139840	62594
DGDG 36:4	228126	263484	218803	256781	414822	283860	212402
DGDG 36:5	86388	64187	71699	75063	94433	74294	49872
DGDG 36:6	72589	55637	42962	43573	123050	65143	44955
MGDG 32:0	17598	9472	5776	7408	18245	17105	10948
MGDG 34:0	42870	20192	27057	22204	67497	24759	32105
MGDG 34:1	25035	23232	22054	20937	64390	60687	22660
MGDG 34:2(1)	74078	70571	73656	65262	206307	110342	126641
MGDG 34:2(2)	48202	69245	33907	49223	161187	87038	93284
MGDG 36:3	49264	65570	38551	41043	64068	82015	45697
MGDG 36:4	92663	114127	99765	88689	117629	106385	95415
MGDG 36:5	50794	60194	43902	27437	66329	39987	39073
MGDG 36:6	32485	42022	26015	15170	74552	21579	28688
PC 32:0	177342	107244	261144	300137	198651	234815	172634
PC 32:1	352045	464200	433903	419650	435991	361357	381596
PC 32:2	217052	228509	615614	713989	360354	168375	282842
PC 34:1	7307999	6900109	7242608	8244057	7160016	9992677	5955477
PC 34:2	4610316	3020863	6591644	7151801	5200868	4007370	4393868
PC 34:3(1)	103948	43380	83210	119368	108041	133079	60646
PC 34:3(2)	30398	16381	46182	51461	33685	40333	29006
PC 34:4	57675	78271	72342	68805	72260	58871	63484
PC 36:1(1)	71590	65201	46473	48396	64555	69469	48515
PC 36:1(2)	472730	426717	421095	495861	390900	522155	341853
PC 36:2	6409197	8510287	6226932	6610423	5075732	8904808	4925269
PC 36:3	7889324	8033161	9906224	11400000	7916638	7357810	7788144
PC 36:4(1)	3228534	2194661	6027483	7088450	3603029	2099089	3838221
PC 36:4(2)	1082939	1063985	1033164	1133308	1070527	1200594	953153
PC 36:5(1)	277056	157998	512411	605389	485729	318998	215907
PC 36:5(2)	816183	590257	1032106	1071238	869253	726847	776479
PC 38:2(1)	49318	46473	72827	81618	42680	49962	44736
PC 38:2(2)	20082	12351	44088	54006	22468	14434	31780
PC 38:3	34520	26546	72943	86760	32937	25917	41374
PC 38:4(1)	38307	36403	24848	25321	36756	36943	27089
PC 38:4(2)	82554	78346	73320	86309	68144	93083	60256
PC38:5	965271	1152029	916227	992787	816826	1057172	801606
PC38:6	1091440	1116410	1157380	1212103	1104403	981129	1042398
PE 34:1	644764	496982	665581	712985	548609	1017332	525698
PE 34:2	996357	628456	1178074	1207052	1122192	923025	862373
PE 34:3	20834	5131	14539	20007	17086	22420	9495
PE 36:2	280642	277689	288744	299711	189393	445375	238195
PE 36:3	766871	611851	938050	922663	633864	807095	723047
PE 36:4	957180	649049	1126042	1122610	957062	714824	883616
PE 36:5(1)	22590	6066	25798	29869	17615	18299	20440
PE 36:5(2)	172606	118592	207579	207381	182950	158676	156549
TAG 48:0	4096596	3222607	2797791	3213709	6765577	3128669	2668372

Rice Lipid Raw Data	GW103	GW104	GW105	GW106	GW107	GW108	GW109
TAG 48:1	3401620	3975061	3845990	3932759	4001460	4232253	3224719
TAG 48:2	6420772	7719074	8725626	8732222	11500000	5999735	7845318
TAG 48:3 (1)	416177	424723	507545	549044	602737	475303	464234
TAG 48:3 (2)	123360	126121	123734	151187	86636	168508	38885
TAG 48:4(1)	160496	167870	186532	231116	176994	179794	168562
TAG 48:4(2)	50568	43570	63106	72051	46157	44226	31919
TAG 50:0	2367575	2201755	1398659	1538168	3129809	1930712	1359895
TAG 50:1	54000000	46900000	52000000	49700000	58200000	46800000	43500000
TAG 50:2	86800000	73800000	88000000	90300000	102000000	67400000	83300000
TAG 50:3	17300000	18500000	20300000	20300000	22900000	17700000	18400000
TAG 50:4	7041841	10800000	9417653	10000000	12000000	7548202	9662596
TAG 50:5 (1)	428671	455704	488059	531171	725919	329041	613298
TAG 50:5 (2)	96919	71658	91459	111178	52108	107762	29549
TAG 52:0	1644983	1625030	1121613	1238249	2148187	1460583	1007470
TAG 52:1	24400000	22300000	17200000	18400000	25800000	24000000	16500000
TAG 52:2	94700000	92400000	88700000	90000000	92900000	93000000	79800000
TAG 52:3	124000000	121000000	118000000	128000000	124000000	124000000	122000000
TAG 52:4	115000000	107000000	123000000	125000000	139000000	112000000	116000000
TAG 52:5	22200000	14900000	21800000	23300000	27500000	15700000	24000000
TAG 52:6	805865	359862	683579	709753	1060103	457181	798526
TAG 54:0	607387	623564	442542	455239	730773	588219	398902
TAG 54:1	12500000	11000000	7967348	8997221	12600000	12600000	7199082
TAG 54:2	39900000	41400000	33400000	35800000	45300000	50000000	32000000
TAG 54:3	93600000	94500000	85200000	82000000	82700000	99400000	78800000
TAG 54:4	116000000	121000000	116000000	116000000	108000000	127000000	110000000
TAG 54:5	127000000	115000000	130000000	140000000	117000000	133000000	121000000
TAG 54:6	75500000	62900000	73300000	84700000	74500000	76800000	75700000
TAG 54:7	11700000	7686425	10900000	13000000	12600000	9451886	13100000
TAG 54:8	681815	269037	484644	577356	707372	439510	714617
TAG 56:0	273966	277026	149868	185546	407018	178469	160754
TAG 56:1	4023486	3733432	2457827	2656637	4623898	3833987	2255042
TAG 56:2	19200000	19800000	13900000	15300000	21200000	23700000	13300000
TAG 56:3	23400000	23500000	21100000	23000000	22900000	28100000	17000000
TAG 56:4	16100000	10700000	15900000	19500000	15100000	11500000	15800000
TAG 58:0	67905	78276	29928	41372	111770	57698	36684
TAG 58:1	3565455	3225220	2103720	2457810	3686301	3239437	2125612
TAG 58:2	9477117	9216594	7366746	9110566	11300000	10400000	7183954
TAG 58:3	6383085	5557601	5337767	5804815	5934156	6460865	4770381
TAG 58:4	6158180	4230618	5861908	6598294	6394259	5446597	5571176
TAG 58:5	727558	424133	617056	843748	763929	572090	606143
TAG 60:1	957361	970768	465257	627071	1118681	894042	545789
TAG 60:2	7689262	7757302	4593136	5160476	8146070	8408386	4623737
TAG 60:3	7682786	6757452	6025327	6642565	7186937	7195039	5325351
TAG 60:4	7098605	5469201	6865841	7894703	7264798	6518954	6710054
TAG 60:5	789967	428476	523005	606207	767588	479387	700724
TAG 60:6	40595	21782	40905	60255	41212	36753	30728
DAG 34:1	58866	68703	48352	36594	47765	60938	29212
DAG 34:2	107324	127026	178685	161615	139908	92897	78908
DAG 36:2	174291	256187	139388	115791	158348	271054	84204

Rice Lipid Raw Data	GW103	GW104	GW105	GW106	GW107	GW108	GW109
DAG 36:3	355958	456015	392458	433827	260538	459373	143931
DAG 36:4	745279	772332	929652	794873	607309	782934	615677
DAG 36:5	81824	70799	82389	78198	81740	65714	79462
Lyso-MGDG 16:0	176210	133820	241121	214339	218421	189900	189242
Lyso-MGDG 18:0	33281	15804	27168	24845	27111	22561	17835
Lyso-MGDG 18:1	9471	13757	6325	7408	12705	22445	10071
Lyso-MGDG 18:2	45225	66835	37874	44288	69718	75313	72378
Lyso-DGDG 16:0	48936	59614	41653	63366	165797	81102	65016
Lyso-DGDG 18:1	19973	31820	14223	18821	32489	42100	14486
Lyso-DGDG 18:2	84952	114293	77612	103773	125281	162091	86003
Lyso-PC 16:0	4036948	4665229	6771962	8094209	4433677	5338837	4791695
Lyso-PC 16:3	51076	122046	161370	163064	74743	88096	109927
Lyso-PC 18:0	347638	329478	375054	453557	334538	340379	287677
Lyso-PC 18:1	869217	1292022	1521893	1844028	513335	1623844	567053
Lyso-PC 18:2	2306476	2841932	3411753	4149601	1948847	2616244	2629499
Lyso-PC 18:3	896029	984632	1207889	1313433	936935	1096434	977270
Lyso-PE 16:0	290286	291869	426174	554734	439612	364819	340212
Lyso-PE 18:0	6057	7858	16184	10795	4751	8706	10011
Lyso-PE 18:1	84800	67232	91834	98205	58530	116576	44006
Lyso-PE 18:2	235093	225249	324181	337182	220116	252627	229405
Lyso-PE 18:3	59437	60044	78790	98201	83664	71085	68561
SQDG 32:0	142120	88249	105257	159669	179743	131798	178963
SQDG 34:2	44015	15225	23230	41042	27712	33509	43431
PG 32:0	66281	112420	108342	150937	97471	99769	108273
PG 34:1	126804	174049	202243	139012	213121	81868	103055
PG 34:2	114550	184313	234799	225304	215412	133826	155875
PG 36:3	24876	48817	66152	27136	37765	24703	29936
PS 36:0	125701	114714	107311	115952	94041	99526	79133
PS 36:1	30210	56527	52282	42143	17458	43518	31436
PS 38:0	1277730	1321312	1430876	1270753	1570775	1164108	1215692
PS 38:1	666228	1197347	1320980	987611	817496	912047	932078
PS 38:2	10364	22425	27666	27283	31479	14883	13553
PS 40:0	70596	68442	74794	57601	81243	65781	78516
PS 40:1	1117497	961279	871897	796981	1245791	841514	880449
PS 40:2	1333738	1493040	1547991	1308858	1344083	1309594	1215658
PS 40:3	380198	1039848	1143753	680843	328155	742817	575045
PS 40:4	18104	43420	59862	30514	31486	33024	23391
PI 34:1	431842	686129	873284	460645	1120682	442496	709174
PI 34:2	1232171	1631717	1992612	1805526	1746293	1369902	1794399
PI 34:3	38417	57774	83326	94720	111068	50037	56423
PI 36:4	112331	228740	291724	140309	77145	157469	175961

Rice Lipid Raw Data	GW110	GW111	GW112	GW113	GW114	GW115	GW116
DGDG 32:0	11117	17173	16565	22501	17899	16266	20510
DGDG 34:1	18338	41192	29106	31898	32249	30903	22697
DGDG 34:2	187723	185188	169879	212274	212538	163579	117941
DGDG 36:2	15185	26018	20949	29463	32736	18260	20729
DGDG 36:3	51319	97071	58390	59577	70436	65083	73044
DGDG 36:4	220567	285287	230001	271093	298646	245461	199148
DGDG 36:5	77432	98244	82262	81909	79085	127722	47630
DGDG 36:6	64874	51220	52505	53239	35306	68111	19157
MGDG 32:0	4436	6279	4081	6505	8317	4376	6247
MGDG 34:0	3645	19861	11046	25042	23191	20031	44524
MGDG 34:1	4828	30764	34435	19776	19832	38262	14337
MGDG 34:2(1)	48979	68077	82955	69460	79213	101432	57007
MGDG 34:2(2)	31184	42820	50058	47992	61758	46663	35415
MGDG 36:3	34974	54035	41619	30774	53045	53732	65745
MGDG 36:4	108824	120204	122246	102063	152694	111406	105091
MGDG 36:5	52127	46586	48517	40543	55798	49655	35195
MGDG 36:6	33464	28829	38101	33336	33345	51973	11615
PC 32:0	137525	247200	251745	272711	273221	470187	290994
PC 32:1	366595	626052	477278	405093	610949	964048	346633
PC 32:2	272538	685678	616397	539920	722400	943773	316684
PC 34:1	6288176	10400000	9302678	8577454	9486296	11300000	6090605
PC 34:2	4649352	6859667	8112976	7316300	7366204	10000000	4135852
PC 34:3(1)	70038	52323	167613	75059	59308	246614	48155
PC 34:3(2)	20259	37932	39685	41885	39876	79555	48508
PC 34:4	58894	96837	75309	60901	97118	156650	51650
PC 36:1(1)	68521	53791	45576	64085	68045	43199	42711
PC 36:1(2)	372356	696479	607419	781281	708184	679482	640819
PC 36:2	5045129	9960719	7347924	7071512	7877033	7879563	6954788
PC 36:3	7264163	12200000	11200000	11300000	10800000	12500000	8438510
PC 36:4(1)	3849016	5980933	6671027	7017770	6084186	8043201	3699589
PC 36:4(2)	992484	1223972	1168497	1128373	1201314	1241163	963140
PC 36:5(1)	224509	411951	755789	562745	510576	1161610	335513
PC 36:5(2)	800455	1068444	1172509	1073054	1122127	1297919	734463
PC 38:2(1)	43604	113372	76464	71951	80468	86689	60985
PC 38:2(2)	19378	46721	35711	64253	81729	64803	36081
PC 38:3	47070	80240	63244	70755	64164	77967	47232
PC 38:4(1)	35254	24749	22093	30027	32723	21578	20925
PC 38:4(2)	59024	116033	101643	128695	118956	110951	105491
PC38:5	825588	1204499	1107038	979714	991641	1064904	959919
PC38:6	1007402	1279258	1282524	1233524	1230603	1280549	1127898
PE 34:1	443828	933556	772928	755975	806703	1058995	631565
PE 34:2	874580	1249609	1179710	1141731	1202716	1571620	587595
PE 34:3	10671	8665	23051	9702	9075	37324	5933
PE 36:2	203566	502510	352043	320992	374474	405904	406951
PE 36:3	458183	1126509	977163	935974	973611	1109118	780250
PE 36:4	879992	1197823	1201310	1134162	1230868	1437906	751164
PE 36:5(1)	16335	19679	36171	22346	17535	51925	13519
PE 36:5(2)	136669	184379	183107	176467	176411	221235	101155
TAG 48:0	2092152	2483632	2127443	2956945	2822978	2899904	2615727

Rice Lipid Raw Data	GW110	GW111	GW112	GW113	GW114	GW115	GW116
TAG 48:1	3026713	4324683	3238193	3828951	4043278	6570388	4202544
TAG 48:2	6340643	6881098	6029001	7876635	6911544	12800000	7379525
TAG 48:3 (1)	494789	495832	453712	485038	500839	829092	634403
TAG 48:3 (2)	93430	94872	131630	108048	183647	202332	120113
TAG 48:4(1)	222480	185751	222980	233172	197697	334158	177889
TAG 48:4(2)	52619	50752	73617	64170	75445	107076	44207
TAG 50:0	1246138	1464215	1296954	1623822	1599236	1394369	1618285
TAG 50:1	43100000	49700000	47600000	50000000	50500000	53500000	48100000
TAG 50:2	75000000	87600000	85400000	95000000	81500000	94600000	83000000
TAG 50:3	20200000	21500000	18200000	21700000	20300000	28500000	20800000
TAG 50:4	10900000	9926799	9073846	11700000	8982207	15700000	8773773
TAG 50:5 (1)	642715	468051	427531	523578	425975	760354	640680
TAG 50:5 (2)	84306	81710	105961	89322	129520	150286	91192
TAG 52:0	997846	1232091	1075220	1154331	1213466	1082200	1244936
TAG 52:1	17800000	20500000	17300000	22900000	19300000	19700000	25500000
TAG 52:2	89100000	95500000	90400000	91900000	92800000	96800000	96600000
TAG 52:3	124000000	130000000	129000000	130000000	133000000	134000000	128000000
TAG 52:4	126000000	129000000	127000000	140000000	127000000	133000000	119000000
TAG 52:5	23000000	24000000	24700000	27800000	22300000	30100000	24100000
TAG 52:6	641487	603840	784560	665217	587388	989468	683520
TAG 54:0	376283	443204	428918	461431	454750	396546	539179
TAG 54:1	8870750	11400000	8418769	11200000	11100000	10100000	13600000
TAG 54:2	35500000	43400000	36300000	43000000	39300000	36400000	44900000
TAG 54:3	93800000	93700000	91100000	94400000	88600000	94300000	96200000
TAG 54:4	118000000	122000000	125000000	123000000	122000000	122000000	125000000
TAG 54:5	134000000	141000000	132000000	141000000	139000000	143000000	134000000
TAG 54:6	98500000	97300000	98100000	109000000	89500000	99300000	82300000
TAG 54:7	15600000	14300000	14700000	16400000	12300000	18800000	11900000
TAG 54:8	633238	473399	796466	573145	420978	969624	515485
TAG 56:0	131674	165400	154901	169943	178637	170886	172461
TAG 56:1	2531263	3605591	2761325	3389985	3070587	3163353	4530290
TAG 56:2	15200000	19500000	14600000	18700000	17400000	17000000	21600000
TAG 56:3	19700000	27600000	20800000	24700000	22900000	24000000	26700000
TAG 56:4	16100000	17800000	15900000	19700000	18200000	18100000	16800000
TAG 58:0	28322	40421	34509	36797	44458	36711	44449
TAG 58:1	2240833	3294165	2923858	2891246	2773059	3231936	3504730
TAG 58:2	7667368	9682256	8934297	9911867	8355728	10300000	10100000
TAG 58:3	5253532	7104295	6127174	6956088	6356430	7016745	7939716
TAG 58:4	5740078	6970804	6100732	7824596	6030019	7284319	7108125
TAG 58:5	791279	673597	661243	781457	691720	690720	738287
TAG 60:1	555409	942304	752272	680210	768762	775279	979002
TAG 60:2	5090202	7099399	6310806	6036574	5813982	6627221	7511564
TAG 60:3	6284787	8391385	7855034	7862897	7148291	9036845	8734838
TAG 60:4	6877755	8297526	8598510	9438196	7837213	8861707	8167827
TAG 60:5	555030	574030	648932	553098	624507	750444	739122
TAG 60:6	37776	43062	55002	49390	41552	65822	29180
DAG 34:1	36079	66684	29440	41563	45229	71131	65909
DAG 34:2	74325	183093	74779	167734	184538	254404	157907
DAG 36:2	95575	186076	87417	135110	144072	203932	192235

Rice Lipid Raw Data	GW110	GW111	GW112	GW113	GW114	GW115	GW116
DAG 36:3	150555	468691	189807	296792	465038	561223	345968
DAG 36:4	573051	824420	629945	704156	860530	1121319	652226
DAG 36:5	51623	91588	66176	75401	98304	144499	76705
Lyso-MGDG 16:0	139510	164175	206333	217987	211452	234251	202424
Lyso-MGDG 18:0	9393	17457	16799	28448	19731	15903	40641
Lyso-MGDG 18:1	4405	12337	12238	9542	11276	6081	4837
Lyso-MGDG 18:2	38249	46511	42697	58165	87588	24956	26782
Lyso-DGDG 16:0	33943	48810	45946	71524	54609	27414	31540
Lyso-DGDG 18:1	14117	21438	17394	16518	16046	8781	15371
Lyso-DGDG 18:2	97554	98660	96208	133208	121839	32713	49064
Lyso-PC 16:0	4008293	6603187	9030666	7483166	8657091	9247542	6694473
Lyso-PC 16:3	94401	114395	151126	105486	130960	291105	102490
Lyso-PC 18:0	165733	391690	419291	425377	399014	409625	521637
Lyso-PC 18:1	656602	2083071	2276072	1614948	1750748	2645234	1682228
Lyso-PC 18:2	2768739	3878277	4700808	4212307	4999912	4166685	3186908
Lyso-PC 18:3	803827	1147900	1381249	1243308	1347273	1371461	1172309
Lyso-PE 16:0	225966	391170	753811	438120	510867	793470	383992
Lyso-PE 18:0	8575	8545	10235	9150	9885	15860	4880
Lyso-PE 18:1	45739	131187	135251	95635	89812	134886	95532
Lyso-PE 18:2	209424	318096	423509	349638	371574	319462	299832
Lyso-PE 18:3	43891	65325	115679	75531	83373	125902	65504
SQDG 32:0	149791	80197	66367	114257	135818	98268	82215
SQDG 34:2	37371	30624	27641	29065	29343	30732	29895
PG 32:0	121479	60756	88312	88685	111268	85983	104052
PG 34:1	200964	88667	211882	183128	161581	193230	258540
PG 34:2	177844	165033	158645	168803	186453	193207	246849
PG 36:3	47141	24970	44400	36192	43840	41768	52590
PS 36:0	136396	92799	144097	119262	100151	139724	167286
PS 36:1	53836	43028	52100	58973	51084	55611	82265
PS 38:0	1575244	1171287	1546051	1511843	1372245	1472022	1571644
PS 38:1	1261043	965555	1176449	1288107	1277855	1219406	1430473
PS 38:2	29083	14510	13903	43274	20435	17225	57204
PS 40:0	104426	58934	102176	84459	109295	105692	93193
PS 40:1	1126420	885545	1166462	914114	982748	1093074	937664
PS 40:2	1554178	1268766	1550421	1514738	1528732	1476980	1525774
PS 40:3	1038449	764758	961464	1082670	1170435	993068	1157962
PS 40:4	48799	27387	31487	57475	43855	36486	85208
PI 34:1	538116	375534	1274427	1116265	833528	982660	1336444
PI 34:2	1212666	1286893	1767573	1722123	1811249	1653809	2013592
PI 34:3	51445	49958	47085	84610	52257	44820	92238
PI 36:4	140614	162019	212584	216916	246404	202997	212137

Rice Lipid Raw Data	GW117	GW118	GW120	GW121	GW122	GW123	GW124
DGDG 32:0	26469	11815	18956	22022	49835	29625	26937
DGDG 34:1	48838	22519	30856	26926	89751	46449	42272
DGDG 34:2	239486	125199	243476	221136	441433	272636	226447
DGDG 36:2	33742	15863	22949	41119	74375	50061	24885
DGDG 36:3	96795	50560	73241	72613	180097	99800	93898
DGDG 36:4	263531	187704	301062	180067	450219	366826	261843
DGDG 36:5	118773	102967	104975	47147	122141	92163	79204
DGDG 36:6	92012	75468	94550	51960	80561	64732	65798
MGDG 32:0	7410	3969	7472	5464	13036	10237	8405
MGDG 34:0	26253	23193	8880	30771	49792	27951	27241
MGDG 34:1	29981	21156	11326	20029	77692	31312	34758
MGDG 34:2(1)	45691	53538	56392	71498	214512	98676	84974
MGDG 34:2(2)	48454	36595	48898	35943	108725	69108	58175
MGDG 36:3	46138	37205	48920	27236	74370	55188	59196
MGDG 36:4	94689	101278	149616	59687	144729	169765	104405
MGDG 36:5	48135	52226	70742	29859	50041	58673	45551
MGDG 36:6	36170	90874	57453	20628	39373	28406	31649
PC 32:0	193982	331476	155144	178964	254404	196455	266575
PC 32:1	465906	614583	515132	244514	377239	404626	498936
PC 32:2	569225	1108363	698261	177495	361560	445686	311158
PC 34:1	8414637	9244397	8815051	4687977	8514444	8571828	10500000
PC 34:2	6519105	9365525	6005537	3405014	6406023	6520386	6104177
PC 34:3(1)	113812	144392	88503	49386	58013	99230	67510
PC 34:3(2)	31372	54838	23106	30663	40925	29425	43451
PC 34:4	71927	95321	78678	36545	57330	62261	80109
PC 36:1(1)	53886	61583	81307	51756	58293	71015	56031
PC 36:1(2)	552085	566806	523375	300773	681802	744069	619904
PC 36:2	8132725	7148414	8085070	2999312	9218982	6854030	9609158
PC 36:3	10300000	11700000	9988932	4849157	11700000	10100000	11100000
PC 36:4(1)	5310421	7955456	4812029	2352884	5537044	5803386	4510919
PC 36:4(2)	1063304	1176608	1165590	779492	1044717	1134777	1210473
PC 36:5(1)	650515	935853	448421	139143	523897	513109	398487
PC 36:5(2)	1014348	1313690	966507	610770	1012541	1010742	980117
PC 38:2(1)	71398	79849	60856	31901	84953	57600	83460
PC 38:2(2)	22632	74566	20499	19913	39928	37249	34389
PC 38:3	65708	95056	57882	29721	69750	55871	59537
PC 38:4(1)	24355	28970	38441	24854	29734	33967	25252
PC 38:4(2)	89043	91097	85243	46005	112072	125059	104720
PC38:5	1102916	1032329	1049333	589429	1069102	987405	1119415
PC38:6	1192709	1195142	1231841	798862	1255364	1219048	1211862
PE 34:1	697196	812433	630491	434407	842070	500825	1164888
PE 34:2	1089089	1400577	1171397	715054	1063204	927175	1249661
PE 34:3	16897	21857	12453	8229	6922	9088	12636
PE 36:2	303341	386740	245194	152287	422851	220820	590980
PE 36:3	754776	1081269	788265	319909	1039563	712807	1111607
PE 36:4	972960	1472621	1069179	699294	1079253	1010303	981644
PE 36:5(1)	23964	43374	17373	9976	17841	21662	20199
PE 36:5(2)	166117	196441	185751	131167	161224	146624	196659
TAG 48:0	3047775	2546296	3097196	2267990	2906001	3608029	2840251

Rice Lipid Raw Data	GW117	GW118	GW120	GW121	GW122	GW123	GW124
TAG 48:1	5837947	4125202	4571865	2503908	3399407	4570519	4922934
TAG 48:2	10300000	8660396	10300000	5476219	6043081	11100000	7323782
TAG 48:3 (1)	664619	606931	652193	319049	411547	742138	495826
TAG 48:3 (2)	106547	165340	112362	92139	111520	141031	102726
TAG 48:4(1)	246402	249981	295129	156640	185459	305271	174644
TAG 48:4(2)	60825	81911	58393	48910	44246	74012	34514
TAG 50:0	1538093	1501537	1726248	1384886	1556647	2224077	1650097
TAG 50:1	51600000	49200000	49700000	42000000	52200000	57200000	59700000
TAG 50:2	90500000	86400000	90000000	75500000	90600000	92800000	90300000
TAG 50:3	23000000	22000000	27700000	13900000	19400000	26100000	22300000
TAG 50:4	11000000	12200000	16400000	7272647	8378123	15200000	7962980
TAG 50:5 (1)	570526	615945	895608	328107	389781	787092	402741
TAG 50:5 (2)	79187	166036	90257	71684	97907	120780	69765
TAG 52:0	1170625	1151460	1409734	1129655	1201043	1675685	1238344
TAG 52:1	22700000	18700000	24300000	18000000	20800000	28100000	25500000
TAG 52:2	94800000	93000000	97800000	86700000	88900000	93700000	100000000
TAG 52:3	129000000	129000000	135000000	119000000	135000000	137000000	133000000
TAG 52:4	120000000	129000000	137000000	114000000	129000000	143000000	132000000
TAG 52:5	22700000	26100000	27800000	17600000	26200000	31700000	23300000
TAG 52:6	649679	835873	811572	463951	721323	976179	556458
TAG 54:0	445894	422853	549546	415870	492122	710599	504576
TAG 54:1	11100000	9613731	12700000	9129616	10500000	13600000	12900000
TAG 54:2	40600000	36400000	45400000	34900000	42300000	48400000	44700000
TAG 54:3	93100000	89500000	93100000	83000000	98200000	97500000	97700000
TAG 54:4	122000000	121000000	128000000	114000000	123000000	124000000	123000000
TAG 54:5	134000000	140000000	149000000	126000000	145000000	145000000	139000000
TAG 54:6	80100000	100000000	110000000	78200000	100000000	102000000	84100000
TAG 54:7	11600000	15800000	16600000	10300000	15500000	18300000	12900000
TAG 54:8	506430	675610	666891	422239	662882	951307	496990
TAG 56:0	157616	168568	184623	135449	193635	226968	179647
TAG 56:1	3497797	2949300	3768593	2636548	3183844	3897992	4255598
TAG 56:2	18300000	16900000	21000000	15200000	17600000	20600000	20700000
TAG 56:3	26300000	23400000	28500000	19700000	25800000	25700000	28400000
TAG 56:4	16800000	19700000	17300000	15900000	17100000	19400000	15500000
TAG 58:0	35648	35553	41154	32603	45582	57881	34413
TAG 58:1	3242985	3026038	3355983	2453317	3341934	3537608	3408287
TAG 58:2	9504259	9143468	10900000	7882094	10000000	11500000	10900000
TAG 58:3	6618591	6951306	6941888	5551646	6991697	7434561	7437941
TAG 58:4	6434435	7232859	7707034	5698255	7190306	8033720	6909669
TAG 58:5	797827	771258	838389	703142	661713	838770	540814
TAG 60:1	776652	715498	847218	722976	843916	989674	654398
TAG 60:2	6259877	6337336	7754855	5462358	7102632	8300721	7441976
TAG 60:3	7662884	8103831	9101726	6445533	8928175	9227174	8245408
TAG 60:4	7374415	8419044	9335593	7141495	9594532	11100000	8267046
TAG 60:5	550797	725102	639012	483271	703178	922205	529922
TAG 60:6	52991	52923	46841	29717	29716	57374	40113
DAG 34:1	39956	97329	35140	46340	67095	62115	58679
DAG 34:2	111187	208692	154571	109214	151917	172104	136700
DAG 36:2	103635	176947	166052	136602	216028	160007	216044

Rice Lipid Raw Data	GW117	GW118	GW120	GW121	GW122	GW123	GW124
DAG 36:3	240952	595550	247122	229436	596790	347479	411516
DAG 36:4	532628	1037461	696089	653456	1013072	931517	776259
DAG 36:5	51886	151115	54031	47433	105301	84068	66594
Lyso-MGDG 16:0	201406	239616	207478	238696	285074	230214	239488
Lyso-MGDG 18:0	21353	22289	18510	38043	35949	28051	26768
Lyso-MGDG 18:1	18697	6768	8194	11077	27830	9714	11148
Lyso-MGDG 18:2	53234	33225	68651	51117	97666	46743	46956
Lyso-DGDG 16:0	76514	31411	69234	122901	115114	51842	59293
Lyso-DGDG 18:1	46933	12937	29276	48479	54764	20309	23727
Lyso-DGDG 18:2	179365	70831	199728	252604	212913	89528	120345
Lyso-PC 16:0	8383548	10200000	6862956	9974075	7927823	4527346	7639964
Lyso-PC 16:3	226355	302829	238537	239955	98524	90421	94917
Lyso-PC 18:0	464784	501903	304184	786105	558667	342789	449346
Lyso-PC 18:1	2398277	2693914	1551549	3202727	2065047	777738	2018938
Lyso-PC 18:2	3743224	5708506	4154179	4968342	4001993	2470673	3353294
Lyso-PC 18:3	1326179	1438100	1192092	1446554	1253739	905168	1264247
Lyso-PE 16:0	580561	886669	405727	1040965	602350	253745	538792
Lyso-PE 18:0	9972	12007	14383	15015	9153	15183	7376
Lyso-PE 18:1	133511	149148	76226	189571	105234	42665	107389
Lyso-PE 18:2	341843	587552	382258	519798	340133	219176	335842
Lyso-PE 18:3	94602	138271	68431	158182	101587	45767	87612
SQDG 32:0	116097	122137	92868	104789	34135	130580	109442
SQDG 34:2	15975	31062	30745	37637	0	31391	23195
PG 32:0	125155	98183	90670	89723	79974	141885	105112
PG 34:1	119086	162621	212906	127312	83113	236347	121021
PG 34:2	111586	180845	294176	220272	137286	205799	200584
PG 36:3	38648	42306	47178	34015	17393	60416	44344
PS 36:0	88978	127310	133816	137827	61665	98887	106612
PS 36:1	34014	48222	68425	58715	28848	38937	45740
PS 38:0	1137695	1446130	1476781	1420750	902091	1441969	1417041
PS 38:1	862481	1194241	1377345	1071986	719964	1135656	1128085
PS 38:2	12085	29206	38772	21022	12721	15548	22642
PS 40:0	96216	83535	85804	78056	54864	100932	106461
PS 40:1	1053077	1079177	978400	1105154	590460	1113818	899807
PS 40:2	1355537	1432581	1513977	1454156	926419	1554826	1529474
PS 40:3	707133	936213	1228257	852972	371375	962854	974229
PS 40:4	26160	47359	62832	27454	17918	37314	45068
PI 34:1	574775	697795	1170304	483351	459457	1079589	311969
PI 34:2	1229522	1302133	1845074	1529004	1516316	1842431	820854
PI 34:3	47111	57715	75144	64431	48314	44968	30381
PI 36:4	196982	144106	219739	154457	119343	212260	124396

Rice Lipid Raw Data	GW125	GW126	GW129	GW130	GW131	GW132	GW133
DGDG 32:0	14852	38396	15410	58868	48305	37695	26713
DGDG 34:1	22009	43495	33751	37689	46393	95793	26258
DGDG 34:2	172106	294416	205091	220093	293475	488740	231008
DGDG 36:2	21755	26717	24694	34561	69375	59038	38874
DGDG 36:3	70414	89635	89868	43958	84195	198851	65524
DGDG 36:4	290755	336103	267689	142109	202963	500703	196853
DGDG 36:5	99833	98042	99279	44791	66895	142519	39592
DGDG 36:6	61577	97947	89959	38365	53940	168616	38451
MGDG 32:0	5076	10048	3778	22225	13046	10706	10834
MGDG 34:0	13312	11682	8782	68425	61319	24781	11071
MGDG 34:1	21313	13290	31559	22861	18836	47663	11593
MGDG 34:2(1)	98073	50611	71099	124279	124511	85252	77472
MGDG 34:2(2)	37076	50773	33503	82807	60210	69173	68169
MGDG 36:3	46224	46570	48329	35265	61266	65645	54511
MGDG 36:4	124309	150976	108596	82254	121377	127954	102909
MGDG 36:5	59176	64871	53623	38085	58284	53489	36156
MGDG 36:6	38246	49158	38207	26889	37526	69769	29061
PC 32:0	288094	156066	267291	309156	187054	201345	167301
PC 32:1	462424	503781	471331	377488	465622	526206	384787
PC 32:2	701714	443650	434196	341834	301997	710444	376868
PC 34:1	8634842	8922746	8253313	8411928	8188909	10800000	6016595
PC 34:2	7928301	5031155	7220424	5773021	4539406	6525967	4506346
PC 34:3(1)	118340	72170	123107	105284	84766	75242	54711
PC 34:3(2)	45123	22459	42916	50972	28549	31500	21714
PC 34:4	73385	79579	74017	58094	69368	83134	59777
PC 36:1(1)	72667	80535	59896	43328	54437	69342	47931
PC 36:1(2)	508215	610179	458507	456838	568387	760815	366414
PC 36:2	6674475	8557194	6226122	7657583	7480929	10600000	4717919
PC 36:3	11100000	9801183	10100000	9227748	8726052	12200000	7331194
PC 36:4(1)	6755450	4037400	5743043	4098619	3023723	5161222	3849640
PC 36:4(2)	1115063	1124430	1133348	1105827	1125615	1259410	957620
PC 36:5(1)	631757	456989	558037	301850	325948	433708	234234
PC 36:5(2)	1120257	833143	1129837	935919	778472	991852	754391
PC 38:2(1)	72933	62979	66567	65159	48462	90737	50541
PC 38:2(2)	48184	23265	26012	34174	26788	28617	49384
PC 38:3	79798	46664	68695	53140	30177	86074	42750
PC 38:4(1)	33752	39414	29674	19480	24905	33064	24193
PC 38:4(2)	81834	101020	71673	77776	93550	128619	55942
PC38:5	954166	1073881	1042976	983229	909079	1174455	790671
PC38:6	1249958	1191998	1162242	1153169	1101199	1285175	992200
PE 34:1	628959	602337	538911	670779	760793	755214	441336
PE 34:2	1232714	908540	1150158	948599	1008024	1102893	768340
PE 34:3	18110	7324	12866	17295	18551	7827	5115
PE 36:2	259935	269441	211968	409517	402343	345511	217080
PE 36:3	832868	748456	671893	941624	924179	812269	693352
PE 36:4	1118971	963828	1077405	984566	990384	978343	925591
PE 36:5(1)	29151	14971	21431	24426	27930	12865	15008
PE 36:5(2)	187184	137147	181252	159898	158277	164018	124904
TAG 48:0	2784854	3079007	2485324	6302533	7993276	2783342	3203518

Rice Lipid Raw Data	GW125	GW126	GW129	GW130	GW131	GW132	GW133
TAG 48:1	3530979	4389313	4409347	3790037	5554003	4208434	3605907
TAG 48:2	7218255	7552528	7433772	7387274	11700000	7171680	8072798
TAG 48:3 (1)	469476	574400	510786	451781	664946	490515	521353
TAG 48:3 (2)	79707	88623	93665	66215	58377	86076	118563
TAG 48:4(1)	201346	208324	226035	135091	149629	208727	231255
TAG 48:4(2)	56037	32222	63374	39401	30467	39970	79792
TAG 50:0	1503492	1875944	1350791	2802750	4648732	1604035	1679694
TAG 50:1	48700000	54000000	51300000	62300000	67300000	59300000	47400000
TAG 50:2	90900000	88000000	87700000	97800000	105000000	94400000	88600000
TAG 50:3	19800000	23100000	21800000	20300000	26600000	22200000	22200000
TAG 50:4	9868546	13000000	11100000	7581103	10200000	10500000	11800000
TAG 50:5 (1)	494204	742062	522427	519041	727236	428364	572650
TAG 50:5 (2)	69516	67778	70438	36684	33089	67992	89027
TAG 52:0	1233960	1445388	1076671	1726076	2833314	1304158	1408942
TAG 52:1	18800000	28400000	19900000	24100000	32200000	28700000	17200000
TAG 52:2	90100000	97000000	90700000	97100000	101000000	100000000	92500000
TAG 52:3	132000000	134000000	125000000	128000000	131000000	135000000	126000000
TAG 52:4	131000000	133000000	131000000	125000000	132000000	139000000	137000000
TAG 52:5	26500000	28300000	26100000	27300000	30800000	23000000	26300000
TAG 52:6	780773	822311	724045	898612	1490199	692578	804569
TAG 54:0	460070	657734	425368	609238	1006688	599443	538586
TAG 54:1	9039905	14200000	9822953	11400000	15400000	14300000	10600000
TAG 54:2	37300000	48700000	36000000	42400000	50600000	47700000	37900000
TAG 54:3	86200000	99400000	91500000	88300000	93600000	101000000	88700000
TAG 54:4	125000000	130000000	130000000	115000000	121000000	134000000	115000000
TAG 54:5	132000000	141000000	138000000	115000000	123000000	141000000	134000000
TAG 54:6	96700000	104000000	99600000	69300000	73100000	108000000	96700000
TAG 54:7	16200000	17800000	15500000	12400000	13000000	13600000	14900000
TAG 54:8	762510	841260	716610	665812	956644	597533	633359
TAG 56:0	174333	218522	165859	389867	537802	205663	272917
TAG 56:1	2864086	4235024	2909685	3389913	5448332	4416299	3711598
TAG 56:2	16500000	23700000	16100000	17600000	26200000	26100000	19000000
TAG 56:3	23500000	26400000	23100000	20800000	24700000	30400000	25800000
TAG 56:4	18500000	16200000	16500000	12900000	14600000	15100000	21300000
TAG 58:0	34681	53939	33359	85473	130420	47693	64881
TAG 58:1	2747410	3953054	3384837	3575004	4997073	4475390	3857648
TAG 58:2	8581501	11300000	8376341	10100000	13000000	11000000	12100000
TAG 58:3	6371403	7476681	6431459	5705217	6989961	8065971	7947141
TAG 58:4	7086430	7547568	6398467	5344293	6343631	7865979	9359965
TAG 58:5	849132	688169	865106	667215	1029341	636743	900162
TAG 60:1	582124	1214220	783371	943281	1382624	1319344	976988
TAG 60:2	5555625	9257731	6503587	6948890	9790198	9645602	7845887
TAG 60:3	7092206	9574445	8417035	7019028	8660808	10200000	10300000
TAG 60:4	8623965	9422877	8486822	6172124	7409905	9582505	11100000
TAG 60:5	620934	750303	633163	766143	1086934	580770	1097105
TAG 60:6	59433	27364	59061	40532	77700	24328	37074
DAG 34:1	50771	66768	40149	63522	53263	31147	45458
DAG 34:2	151868	133981	67130	139473	110864	59824	138641
DAG 36:2	142693	287169	121669	174878	144636	160460	120947

Rice Lipid Raw Data	GW125	GW126	GW129	GW130	GW131	GW132	GW133
DAG 36:3	377118	404719	253515	321370	151263	228480	311413
DAG 36:4	926272	882315	597254	504197	300068	482130	786097
DAG 36:5	89648	76840	56935	83909	70367	37957	77802
Lyso-MGDG 16:0	264711	111030	201392	261134	231603	251519	179595
Lyso-MGDG 18:0	23921	14247	14146	38708	50802	34335	12915
Lyso-MGDG 18:1	4798	7261	9174	4877	5397	26511	12639
Lyso-MGDG 18:2	27438	46341	32115	31024	36889	74626	102801
Lyso-DGDG 16:0	42396	43786	38197	50512	46591	99436	85716
Lyso-DGDG 18:1	12607	23490	22740	10310	15564	69805	19827
Lyso-DGDG 18:2	91823	106966	91173	41326	66439	277372	159033
Lyso-PC 16:0	8362893	3254960	7129038	5498463	4542101	5152126	6297415
Lyso-PC 16:3	115888	72915	133178	76154	79679	89060	113846
Lyso-PC 18:0	423308	210149	316537	356261	474041	322677	317252
Lyso-PC 18:1	1830559	764681	2367315	713982	577908	1875114	655223
Lyso-PC 18:2	4504725	2336557	3812894	2745172	2913586	2921288	3718604
Lyso-PC 18:3	1319493	672563	1220785	1016716	894718	978873	1101253
Lyso-PE 16:0	511178	210025	395579	359965	295399	265163	300409
Lyso-PE 18:0	9972	3565	10134	7604	5678	9201	6830
Lyso-PE 18:1	70067	40519	99262	53301	40288	71051	39176
Lyso-PE 18:2	340178	197845	287723	251485	277253	203236	289304
Lyso-PE 18:3	82583	39493	67943	64474	54373	47611	50782
SQDG 32:0	177926	81388	176942	93540	111004	152511	224228
SQDG 34:2	27092	24462	45869	37930	32399	60503	102765
PG 32:0	84283	99616	99381	95409	121415	147360	113165
PG 34:1	180339	135720	133213	141905	124443	124246	169531
PG 34:2	178352	234844	180069	205884	144225	135180	216141
PG 36:3	46100	38146	38012	31714	37402	25620	44705
PS 36:0	131180	119832	134345	121195	97747	122530	128329
PS 36:1	43412	54301	38190	50922	35725	34137	44713
PS 38:0	1515316	1424482	1460346	1442159	1365026	1357182	1561318
PS 38:1	1111765	1325742	981756	1265707	1070017	915169	1165318
PS 38:2	17884	32936	16571	29513	24513	21208	17626
PS 40:0	97686	78533	94974	70567	74267	89233	111910
PS 40:1	1223197	986005	1184856	833176	1112772	1071628	1245016
PS 40:2	1534618	1471985	1530179	1473754	1420353	1344936	1599399
PS 40:3	772501	1105133	740099	980025	802552	570864	910673
PS 40:4	31055	57522	28302	43157	34206	28833	28337
PI 34:1	1261019	646889	420953	571309	485143	706421	1003252
PI 34:2	1857442	1828204	1207551	1678275	1264289	1684461	1858692
PI 34:3	55335	72091	45138	64166	42171	78143	61394
PI 36:4	164579	190041	131730	157778	151801	151467	177937

Rice Lipid Raw Data	GW134	GW135	GW136	GW137	GW138	GW139	GW140
DGDG 32:0	33036	11690	32967	30959	31485	35722	30864
DGDG 34:1	69549	26944	75744	59604	72432	59798	57252
DGDG 34:2	281640	156384	334835	304715	459861	293141	297405
DGDG 36:2	31309	21770	31767	41016	48302	35232	39354
DGDG 36:3	99464	92869	130307	150858	205628	131048	146870
DGDG 36:4	199891	213950	288154	326860	453538	334261	321831
DGDG 36:5	79140	99568	138080	122534	126619	113279	107918
DGDG 36:6	86582	123115	105831	93490	123353	62903	99440
MGDG 32:0	15439	5524	20531	15423	9932	13099	11621
MGDG 34:0	25586	9726	20186	11540	9177	25205	14281
MGDG 34:1	48621	21040	40944	21525	25973	31778	27241
MGDG 34:2(1)	96689	35619	84806	48723	67633	97268	70278
MGDG 34:2(2)	58999	29455	79559	57569	65393	68124	54264
MGDG 36:3	50349	38331	50873	70919	63643	85818	88305
MGDG 36:4	82875	81423	111733	106598	114024	164473	143033
MGDG 36:5	44072	52203	59935	55905	49929	67416	74748
MGDG 36:6	32764	52239	66748	38712	64124	42315	65902
PC 32:0	392495	201381	251827	176832	169798	322637	222817
PC 32:1	378517	370929	1073447	505376	639897	442848	432737
PC 32:2	243111	343985	1020060	569559	781693	303876	306142
PC 34:1	11800000	8873697	11000000	9717934	9948884	13400000	12100000
PC 34:2	5455492	5472133	6279019	4943727	6192066	6177667	5332116
PC 34:3(1)	207972	74933	100706	73596	86614	153416	210467
PC 34:3(2)	68168	30995	40961	27827	26491	51669	37001
PC 34:4	59485	56133	177568	80657	97780	69906	69077
PC 36:1(1)	69315	59842	82229	83099	67490	83079	78400
PC 36:1(2)	515359	562958	752869	659805	611188	672882	673481
PC 36:2	9838595	8669546	12100000	11100000	10500000	9819202	9401553
PC 36:3	8488046	9589833	12900000	11600000	12200000	9480980	8550945
PC 36:4(1)	2675668	4165123	4892338	3672851	4846922	3255442	2688175
PC 36:4(2)	1307347	1173701	1222986	1238181	1188467	1261942	1223156
PC 36:5(1)	343666	277209	628459	401173	452206	496047	579364
PC 36:5(2)	901342	902485	980170	825081	1005185	970282	883491
PC 38:2(1)	57309	75451	73234	62014	67694	56484	45504
PC 38:2(2)	20288	30958	31706	17164	29177	20339	19181
PC 38:3	38950	62915	66060	42478	63319	29904	22387
PC 38:4(1)	33896	26836	40699	40435	34358	41726	40538
PC 38:4(2)	84917	90784	125652	110921	102361	111686	112068
PC38:5	1123976	1103795	1150979	1168102	1203298	1091435	1128367
PC38:6	1062779	1154573	1299963	1194574	1258650	1195377	1122130
PE 34:1	871599	695776	740070	743965	747648	1297152	891790
PE 34:2	1006049	1075120	1163277	1031805	1248728	1312413	1096223
PE 34:3	27044	11369	11681	10458	12929	28430	34578
PE 36:2	357034	303034	435069	442145	409913	571225	376327
PE 36:3	698058	789418	946425	940260	887084	1010275	783781
PE 36:4	755846	999407	1140004	985453	1032095	949410	855138
PE 36:5(1)	17897	12839	21957	17238	15276	26765	26597
PE 36:5(2)	159290	166485	181476	155047	179273	189752	167455
TAG 48:0	3672907	2268675	5169021	4520371	3892935	3593949	4172025

Rice Lipid Raw Data	GW134	GW135	GW136	GW137	GW138	GW139	GW140
TAG 48:1	3969422	3255369	6241305	3867186	3656370	5461128	5743904
TAG 48:2	6642422	4489325	12200000	6491359	6514549	8405798	9068838
TAG 48:3 (1)	489903	396372	855137	462349	447292	675791	802403
TAG 48:3 (2)	212153	88156	276270	106596	120418	240394	296937
TAG 48:4(1)	207567	176880	339140	176447	195662	270422	304766
TAG 48:4(2)	71542	55551	106150	38144	49554	61636	84486
TAG 50:0	1762282	1570573	2929333	2622365	2252263	2440375	2929385
TAG 50:1	48400000	52800000	63000000	58900000	59300000	53900000	51300000
TAG 50:2	74200000	85600000	96000000	86700000	85700000	79600000	81100000
TAG 50:3	18600000	16800000	26700000	19300000	19700000	23300000	26700000
TAG 50:4	8841754	7099930	16300000	8538766	9151722	13500000	13100000
TAG 50:5 (1)	361653	373328	969267	402130	455883	537069	697835
TAG 50:5 (2)	126252	67747	195682	73652	108794	147263	208460
TAG 52:0	1370716	1328032	2222029	1823756	1667589	2081978	2166526
TAG 52:1	21300000	25600000	33100000	30700000	28900000	27100000	34500000
TAG 52:2	98600000	94600000	101000000	96900000	98700000	95400000	108000000
TAG 52:3	132000000	132000000	135000000	134000000	135000000	134000000	124000000
TAG 52:4	128000000	132000000	129000000	129000000	125000000	130000000	124000000
TAG 52:5	18600000	24300000	28400000	21900000	23100000	22200000	19600000
TAG 52:6	575717	702360	842864	686950	768337	615032	685607
TAG 54:0	555355	537146	1022106	790775	732383	896307	885926
TAG 54:1	12400000	13500000	18000000	14800000	15100000	16700000	19900000
TAG 54:2	45100000	46200000	58500000	51900000	51600000	55800000	51500000
TAG 54:3	98200000	98100000	103000000	99100000	98000000	98000000	98800000
TAG 54:4	131000000	128000000	130000000	124000000	132000000	129000000	133000000
TAG 54:5	137000000	135000000	137000000	136000000	142000000	143000000	139000000
TAG 54:6	90900000	107000000	96400000	83800000	91000000	97400000	88700000
TAG 54:7	11400000	15600000	16400000	12100000	12100000	14000000	12600000
TAG 54:8	521306	754167	781272	602030	568744	593647	625960
TAG 56:0	220200	188773	416219	346384	314939	242296	376015
TAG 56:1	4182546	4469533	6151345	4914835	4851677	5362046	5870543
TAG 56:2	24200000	22000000	28500000	26000000	26500000	28300000	30200000
TAG 56:3	27500000	28800000	32000000	28900000	28800000	33100000	31200000
TAG 56:4	13400000	17700000	13300000	12300000	12100000	15100000	15200000
TAG 58:0	54838	41581	126048	92581	70838	77417	954509
TAG 58:1	4092383	4079463	5263518	4421379	4164660	4215319	2773557
TAG 58:2	11700000	11100000	13700000	12100000	12200000	13500000	11800000
TAG 58:3	7514668	7919802	8519303	7575220	7347084	8575698	9005912
TAG 58:4	6356728	7635856	7341412	6150899	6280167	7339359	7625527
TAG 58:5	585202	683633	655187	591746	520275	710408	798298
TAG 60:1	995553	1072272	1772647	1338971	1123604	1208945	2448309
TAG 60:2	9767480	8723213	11600000	11200000	10700000	11000000	2626242
TAG 60:3	9339936	9478865	10800000	9717683	8488860	10100000	10200000
TAG 60:4	7661954	8780739	8873764	7936869	8285532	8820640	8155437
TAG 60:5	565891	687482	751867	599471	556217	688454	653595
TAG 60:6	30683	28362	34815	44569	24505	46117	43457
DAG 34:1	47394	23898	53494	47425	24556	87615	76712
DAG 34:2	66626	38021	81686	85045	42874	167814	152263
DAG 36:2	206821	88922	213418	202863	129324	338380	355510

Rice Lipid Raw Data	GW134	GW135	GW136	GW137	GW138	GW139	GW140
DAG 36:3	275384	98394	276331	278903	115095	687053	523851
DAG 36:4	486495	216774	515213	423566	297598	885826	715774
DAG 36:5	46119	31072	60534	41214	30985	94839	81468
Lyso-MGDG 16:0	432258	273140	316938	266469	263947	219826	208432
Lyso-MGDG 18:0	43311	33445	22911	24306	19197	18802	15607
Lyso-MGDG 18:1	15635	11158	25110	18107	18752	16779	10596
Lyso-MGDG 18:2	36096	30242	81458	65110	66328	66497	36345
Lyso-DGDG 16:0	93204	32181	130828	84742	104982	56148	46355
Lyso-DGDG 18:1	39193	27308	60433	50439	58690	30867	30485
Lyso-DGDG 18:2	105258	73479	197706	211099	278755	99928	95198
Lyso-PC 16:0	9204570	7710171	9130537	7237460	7813547	4324840	3967629
Lyso-PC 16:3	113198	78621	287227	116380	111933	84915	107773
Lyso-PC 18:0	548577	516821	455149	441897	364829	293846	248201
Lyso-PC 18:1	2940085	3094726	2840158	2537304	2487877	1411318	1714603
Lyso-PC 18:2	4188989	4894167	4905570	4930561	4988516	2556256	2684086
Lyso-PC 18:3	1301935	1252570	1310492	1186725	1235337	844231	809563
Lyso-PE 16:0	741267	492761	551743	406554	456919	311821	265912
Lyso-PE 18:0	12283	5178	10975	8612	6580	8323	10828
Lyso-PE 18:1	118130	118046	99507	107813	95965	71500	83428
Lyso-PE 18:2	302951	334475	348514	404151	367527	252512	241651
Lyso-PE 18:3	119026	77808	90671	68027	73995	56548	50180
SQDG 32:0	103396	124123	110702	179384	185378	176221	98927
SQDG 34:2	28975	67117	62179	75866	81848	85642	55165
PG 32:0	92657	88955	78079	89569	108858	75487	116794
PG 34:1	86060	199546	145769	169547	168231	143265	228444
PG 34:2	128689	220065	180125	198805	173286	206829	231119
PG 36:3	20248	27216	29819	44488	42425	36837	33049
PS 36:0	95260	99771	98629	189103	131466	147203	115488
PS 36:1	43180	23867	34722	56823	37937	48836	21917
PS 38:0	1091094	1625223	1457536	1540885	1492332	1527473	1692616
PS 38:1	910723	987555	1016679	1104889	956896	1115705	1068256
PS 38:2	12787	51635	19194	26389	19115	22979	41021
PS 40:0	58118	79439	87971	112675	96858	93445	100511
PS 40:1	763805	1260922	1113666	1295196	1194635	1195940	1165493
PS 40:2	1256277	1421917	1500919	1616185	1613780	1581937	1366535
PS 40:3	736241	422698	772863	893199	680905	842765	562485
PS 40:4	24888	34305	25218	36818	28045	28404	35148
PI 34:1	416134	823665	656732	665771	678735	1046271	1447555
PI 34:2	1308984	1894445	1688989	1715696	1773619	2263000	2568522
PI 34:3	36503	103785	62165	69560	62474	78680	139265
PI 36:4	153379	61235	143136	167733	149764	204942	117176

Rice Lipid Raw Data	GW141	GW142	GW143	GW144	GW145	GW146	GW147
DGDG 32:0	16388	22967	25658	12722	48805	26019	14367
DGDG 34:1	14346	34632	33526	19008	87474	34678	20140
DGDG 34:2	126057	235477	212631	111596	489872	258784	129131
DGDG 36:2	15020	23265	30716	14385	91740	46282	18045
DGDG 36:3	37590	76771	64131	40905	157712	100414	56230
DGDG 36:4	189951	298486	273332	170934	423550	327817	198685
DGDG 36:5	63501	81654	138902	85082	128876	113742	74486
DGDG 36:6	48367	47518	87436	63645	111498	83843	43883
MGDG 32:0	3928	10087	5301	3002	11588	8664	4329
MGDG 34:0	11725	13417	19873	12076	57510	20884	12756
MGDG 34:1	6041	27302	26953	22979	76511	14043	13758
MGDG 34:2(1)	37821	96622	59590	82694	174958	51185	36842
MGDG 34:2(2)	25228	69743	44614	29691	75622	37450	32028
MGDG 36:3	26872	44369	41432	34062	60908	54150	30115
MGDG 36:4	77618	121388	108695	80294	130874	133358	81612
MGDG 36:5	32207	43734	54621	34786	59950	64423	39030
MGDG 36:6	25827	18919	69934	31646	51179	32130	25743
PC 32:0	185216	240896	284281	307014	235857	138510	237365
PC 32:1	343192	540182	661324	556691	404764	392023	344376
PC 32:2	433534	870147	1061471	986077	439700	341526	366081
PC 34:1	6525015	9712638	10500000	8385154	9693788	8139494	7498747
PC 34:2	6733978	7251325	8829104	8126715	6736719	5637182	7470000
PC 34:3(1)	117246	95093	147351	124712	191092	76792	86452
PC 34:3(2)	29755	39848	46132	52129	34984	18429	38824
PC 34:4	51690	87692	105008	91925	61396	63063	53139
PC 36:1(1)	55014	82865	63054	49773	66015	75469	48099
PC 36:1(2)	445603	652516	732265	490552	696622	760799	536562
PC 36:2	5569502	8305781	8482369	6305229	6528102	7565877	6428022
PC 36:3	9415522	12800000	12800000	11000000	9041873	9691447	10600000
PC 36:4(1)	5941311	6828859	8011684	7262557	4345426	4422623	6252744
PC 36:4(2)	960707	1232255	1230639	1095679	1220898	1131508	1090267
PC 36:5(1)	405983	616734	1094538	756150	672996	373728	572868
PC 36:5(2)	1046158	1129746	1203214	1181960	1053306	950104	1127245
PC 38:2(1)	54804	84592	71954	63216	52670	60213	73460
PC 38:2(2)	39207	50286	70423	44389	26613	30708	42258
PC 38:3	59151	90260	74426	72951	46154	48043	76815
PC 38:4(1)	25363	42448	32662	25513	33190	39913	23403
PC 38:4(2)	70754	112735	123975	79656	118025	132353	92236
PC38:5	938883	1113045	1059679	977111	884379	1000440	944947
PC38:6	1169084	1301301	1310181	1242747	1216371	1207799	1232559
PE 34:1	533708	680512	1012537	767269	694910	750782	847276
PE 34:2	1029993	1186601	1480626	1317912	1117729	1144478	1173837
PE 34:3	17357	12646	23343	19220	30012	15441	13916
PE 36:2	264052	290942	378270	315649	213161	260370	348508
PE 36:3	739813	936452	1102764	1020054	685771	787573	1004046
PE 36:4	1067548	1172521	1470346	1251513	976868	1032533	1254779
PE 36:5(1)	30539	21589	42501	36802	30198	18048	31518
PE 36:5(2)	171940	193117	223491	210739	175420	183290	185640
TAG 48:0	2226852	3018326	2672777	2221723	4657048	2661000	2073771

Rice Lipid Raw Data	GW141	GW142	GW143	GW144	GW145	GW146	GW147
TAG 48:1	3183338	4521217	5530522	3786961	5097743	3208318	2460209
TAG 48:2	6878878	9714550	10100000	7840255	11300000	6383202	4507233
TAG 48:3 (1)	477269	698056	842286	599681	688863	454217	334226
TAG 48:3 (2)	92281	132833	245840	149841	206278	129733	106961
TAG 48:4(1)	198333	301643	325265	279312	280871	217891	157058
TAG 48:4(2)	45389	74563	121319	79713	86008	48912	54267
TAG 50:0	1447755	1616767	1534103	1213833	2510883	2070114	1467643
TAG 50:1	44300000	54200000	52100000	39900000	63800000	51100000	44700000
TAG 50:2	83100000	94200000	93600000	77400000	109000000	87400000	79200000
TAG 50:3	18800000	25200000	26000000	21200000	26200000	21000000	15400000
TAG 50:4	9322521	14900000	13600000	12100000	14400000	10200000	6467468
TAG 50:5 (1)	500336	856512	683115	696172	701580	450272	346437
TAG 50:5 (2)	74714	126545	195329	135495	128622	108857	95731
TAG 52:0	1192803	1344243	1207970	1040745	1947679	1742673	1272505
TAG 52:1	18300000	23200000	24700000	13800000	37300000	29400000	16000000
TAG 52:2	92000000	99100000	95100000	82300000	97000000	96700000	89900000
TAG 52:3	134000000	131000000	138000000	125000000	136000000	131000000	127000000
TAG 52:4	133000000	138000000	135000000	126000000	153000000	132000000	121000000
TAG 52:5	24900000	31100000	29200000	26200000	31600000	25200000	23400000
TAG 52:6	722117	1009058	823989	738929	1098542	714051	630035
TAG 54:0	458020	532056	477052	413884	813726	784686	527046
TAG 54:1	9201556	12700000	12100000	6862509	19800000	15700000	7490997
TAG 54:2	40000000	45100000	45600000	28500000	56900000	53400000	33100000
TAG 54:3	87800000	93500000	94900000	79200000	97200000	94600000	91600000
TAG 54:4	117000000	124000000	128000000	118000000	124000000	127000000	119000000
TAG 54:5	141000000	144000000	146000000	136000000	150000000	151000000	133000000
TAG 54:6	81300000	107000000	108000000	98500000	103000000	100000000	87300000
TAG 54:7	14400000	21600000	18000000	19100000	17500000	15800000	15200000
TAG 54:8	699575	1055586	848197	862873	978372	676650	696337
TAG 56:0	139325	216455	152674	152826	277610	205258	132212
TAG 56:1	2674749	3868851	3301052	2220133	6331073	4967106	2418967
TAG 56:2	16700000	21000000	19800000	13000000	29200000	24200000	14100000
TAG 56:3	21900000	27100000	25800000	19200000	32800000	27700000	21800000
TAG 56:4	18100000	20300000	19900000	18100000	21200000	19300000	18000000
TAG 58:0	28011	47924	37042	32579	79055	54879	29318
TAG 58:1	2439853	3617471	2906610	2421493	4965973	3913912	2304633
TAG 58:2	8723509	10700000	9236461	7928182	13900000	11900000	8304412
TAG 58:3	5790106	8090968	7319174	6163467	9734085	7944160	6306141
TAG 58:4	6573738	7924079	7635252	6536610	10300000	8114730	6672520
TAG 58:5	762025	815322	716539	747050	1098602	882011	875811
TAG 60:1	508343	904088	707614	523682	1564622	1140088	503552
TAG 60:2	5085587	7560943	5783849	5091715	10700000	8776691	4585452
TAG 60:3	7036657	8842553	8013993	7475067	10500000	9280920	7584052
TAG 60:4	7959178	9793014	8925993	9401110	11300000	10200000	7843111
TAG 60:5	631766	830001	712575	750778	1009744	723282	609620
TAG 60:6	64003	46244	64111	55693	72951	58881	61823
DAG 34:1	27705	55128	95977	45695	61624	40856	56355
DAG 34:2	63312	127171	325079	78738	110642	64934	164640
DAG 36:2	95534	174143	219243	89874	159068	136091	168435

Rice Lipid Raw Data	GW141	GW142	GW143	GW144	GW145	GW146	GW147
DAG 36:3	183120	463046	822342	447155	355895	237742	485593
DAG 36:4	606106	956810	1438102	1001368	803481	597516	999617
DAG 36:5	58952	119326	172377	139912	79286	47923	104913
Lyso-MGDG 16:0	168773	225351	187409	246354	335175	183477	161074
Lyso-MGDG 18:0	12467	21751	15265	16179	55450	28143	11199
Lyso-MGDG 18:1	2288	11587	7797	4677	14700	5914	4448
Lyso-MGDG 18:2	20595	80640	40481	9156	57081	38436	31692
Lyso-DGDG 16:0	19502	57618	43555	21213	87307	46288	34684
Lyso-DGDG 18:1	7570	20925	15562	5140	45918	22565	10933
Lyso-DGDG 18:2	45430	107136	90508	24024	121151	101987	64794
Lyso-PC 16:0	4549402	8195289	7074320	7438591	4865265	3737546	6994245
Lyso-PC 16:3	84269	138674	153988	137334	63679	67515	109719
Lyso-PC 18:0	263025	405771	363269	381886	417228	371713	342530
Lyso-PC 18:1	776749	1844276	1585174	1673721	913382	842980	1717208
Lyso-PC 18:2	2813447	4554876	3789049	4025369	2299761	2521620	4044501
Lyso-PC 18:3	898253	1297057	1219777	1224271	941777	790251	1188744
Lyso-PE 16:0	302297	491166	414971	516544	307005	287528	394299
Lyso-PE 18:0	6147	10099	7946	11825	7174	5604	7036
Lyso-PE 18:1	46006	67387	74675	68275	52603	53815	73534
Lyso-PE 18:2	245123	280207	310798	253043	200936	231002	294965
Lyso-PE 18:3	57499	83693	71827	89578	54943	50538	67719
SQDG 32:0	58673	135958	99314	125830	106907	141568	133690
SQDG 34:2	3872	22888	12003	43639	40034	76791	47433
PG 32:0	115151	72706	93031	110075	78575	137191	86605
PG 34:1	204834	117200	161170	252234	167648	146629	141954
PG 34:2	231889	200493	169119	229949	184167	233701	190758
PG 36:3	27740	41241	34140	62787	45309	35856	31218
PS 36:0	117542	89415	133195	148278	139784	101744	99835
PS 36:1	25044	47021	63225	68473	75818	42480	39300
PS 38:0	1618020	1216287	1419386	1469918	1387844	1387436	1354755
PS 38:1	936668	1190611	1191837	1346849	1274814	1153774	1028990
PS 38:2	55470	29264	23196	42176	33680	50907	19924
PS 40:0	100825	65885	87019	100432	76208	98543	104444
PS 40:1	1161812	815429	1012862	1025487	931569	956921	1040660
PS 40:2	1344378	1421898	1477137	1520195	1506473	1408896	1397482
PS 40:3	432100	958430	1079442	1221096	1127788	798337	780404
PS 40:4	36375	53468	39056	69897	54695	42385	28647
PI 34:1	1021827	529637	708464	1227447	1066947	1009759	1101190
PI 34:2	1971263	1589917	1695825	1941740	1831626	2298250	2249289
PI 34:3	133192	68604	62209	85862	68536	137733	85128
PI 36:4	64922	210360	179893	237296	204075	187932	222950

Rice Lipid Raw Data	GW148	GW149	GW150	GW151	GW152	GW153	GW154
DGDG 32:0	33775	21620	22474	13472	78148	20864	17813
DGDG 34:1	48396	19131	21708	23729	49968	30625	21133
DGDG 34:2	291623	116791	138079	171123	306806	227611	164865
DGDG 36:2	50449	15369	15008	18962	46018	30336	14042
DGDG 36:3	92009	36110	52532	53758	88583	65599	38105
DGDG 36:4	344306	181911	178481	278325	228534	310358	223156
DGDG 36:5	121248	72442	57237	132681	80349	149178	102381
DGDG 36:6	66140	36905	40350	63486	72459	89721	72144
MGDG 32:0	9397	4568	4147	3912	25200	6587	7360
MGDG 34:0	27939	43293	11511	26818	76804	23286	15589
MGDG 34:1	26740	29618	24599	25343	33192	56718	14164
MGDG 34:2(1)	81953	92044	69404	107243	118669	162087	77475
MGDG 34:2(2)	67595	39708	26414	44140	80255	61300	48211
MGDG 36:3	44766	41095	32365	35112	70725	49618	20968
MGDG 36:4	124353	90173	75940	117375	105501	133135	85481
MGDG 36:5	39612	29259	28939	47586	59760	57064	36001
MGDG 36:6	21772	17994	18256	40298	39827	41959	39616
PC 32:0	253678	638528	255167	439757	295310	341888	333743
PC 32:1	404161	729402	372021	436984	361000	455863	418650
PC 32:2	757623	1152601	374774	1161324	278255	699594	776424
PC 34:1	8650624	10200000	7176331	9297370	7826624	9159917	8279515
PC 34:2	8340570	10000000	6359955	10700000	4831974	9111672	8082881
PC 34:3(1)	180629	141481	146167	158468	102336	132814	156003
PC 34:3(2)	37036	114877	43920	77743	50981	56879	55780
PC 34:4	61803	121493	59815	70741	55612	74198	66416
PC 36:1(1)	58617	60046	37447	65049	56219	77531	65069
PC 36:1(2)	654673	664238	387322	537350	587036	514749	535497
PC 36:2	6532401	6878878	5349490	5561176	7039315	6283747	6934870
PC 36:3	11000000	13200000	9519823	11600000	8751938	11500000	10900000
PC 36:4(1)	7482991	8150204	5344976	9711944	3475576	7560972	7364310
PC 36:4(2)	1140452	1179820	1027371	1172060	1106053	1173844	1096526
PC 36:5(1)	828199	846313	570282	1285577	382535	779106	783822
PC 36:5(2)	1203931	1275360	1011172	1317126	835508	1254151	1141361
PC 38:2(1)	68621	76645	61922	75865	51447	67154	63711
PC 38:2(2)	57458	62643	39811	104247	19019	41462	45180
PC 38:3	81979	88061	59474	98922	34463	81233	75164
PC 38:4(1)	28032	29992	19611	33706	26340	40399	30587
PC 38:4(2)	109214	111906	66487	88546	98899	89432	90996
PC38:5	1033225	1061169	916988	946344	977460	886544	1044667
PC38:6	1173814	1375112	1154143	1221548	1124486	1313125	1271776
PE 34:1	807541	1018166	659217	888015	744308	687770	537850
PE 34:2	1461285	1549872	1020903	1852772	929984	1348938	1108845
PE 34:3	33618	24219	23697	30368	20990	21108	21741
PE 36:2	279513	436048	280295	279463	358114	216364	229998
PE 36:3	926294	1254641	828258	1115893	905099	852844	727674
PE 36:4	1248111	1430389	1038333	1829171	1011805	1312092	1148026
PE 36:5(1)	44828	48316	35356	54055	26472	33572	32860
PE 36:5(2)	221576	231268	166634	256526	148770	205545	179581
TAG 48:0	3323248	2741116	2043224	2747480	8256169	2628110	3031695

Rice Lipid Raw Data	GW148	GW149	GW150	GW151	GW152	GW153	GW154
TAG 48:1	3965470	5151672	3277023	3354061	4617936	3760508	3711518
TAG 48:2	8009014	11200000	6265241	7536983	10400000	8802279	9919541
TAG 48:3 (1)	521297	720418	422064	489462	532651	549716	656160
TAG 48:3 (2)	193178	143212	117273	110405	83642	116620	188561
TAG 48:4(1)	299961	337371	182981	236039	163047	252761	287172
TAG 48:4(2)	105030	104598	54824	72734	37543	77356	94900
TAG 50:0	1992036	1514157	1165490	1397409	4454581	1483068	1597586
TAG 50:1	57500000	49600000	42200000	49800000	63100000	51300000	47800000
TAG 50:2	97800000	91000000	75300000	85400000	105000000	90100000	88900000
TAG 50:3	21700000	26000000	18300000	19100000	24600000	22900000	22500000
TAG 50:4	12400000	16300000	8672256	11200000	11100000	12000000	14200000
TAG 50:5 (1)	495235	817901	472039	571518	526445	600066	834093
TAG 50:5 (2)	161819	144529	98136	112621	32296	88008	161976
TAG 52:0	1519627	1186679	1090219	1202417	2592470	1294613	1271166
TAG 52:1	25600000	17400000	14200000	14400000	31800000	17600000	18200000
TAG 52:2	92600000	87100000	85800000	84600000	100000000	94500000	91900000
TAG 52:3	132000000	127000000	124000000	132000000	138000000	126000000	136000000
TAG 52:4	144000000	136000000	114000000	132000000	131000000	135000000	137000000
TAG 52:5	28600000	30500000	21700000	32900000	29600000	29000000	29800000
TAG 52:6	947220	862467	636330	889797	1009743	778595	964663
TAG 54:0	638946	455808	418923	492913	879332	515852	476906
TAG 54:1	13500000	8842787	7101438	7697185	14800000	8728714	8147879
TAG 54:2	46900000	37100000	30500000	31400000	50200000	37100000	38500000
TAG 54:3	92000000	86200000	82900000	80900000	95000000	86100000	90500000
TAG 54:4	117000000	123000000	117000000	117000000	122000000	119000000	122000000
TAG 54:5	144000000	142000000	128000000	140000000	133000000	142000000	144000000
TAG 54:6	104000000	103000000	80800000	104000000	78300000	104000000	104000000
TAG 54:7	17700000	20600000	12900000	22100000	12400000	18300000	19200000
TAG 54:8	1030173	962567	626771	1047715	636748	857955	946354
TAG 56:0	214941	191747	114877	195053	475743	182013	174130
TAG 56:1	4130795	2937139	1981867	2690021	5161474	2773009	2207587
TAG 56:2	21300000	16000000	12900000	13800000	23800000	15800000	15200000
TAG 56:3	28400000	22500000	19000000	21600000	23800000	21700000	20200000
TAG 56:4	22200000	19100000	15800000	19700000	14100000	19400000	16400000
TAG 58:0	51709	38024	25194	43106	116237	35817	35490
TAG 58:1	3587262	3050431	1836443	3064451	4358918	3213250	2161501
TAG 58:2	11500000	9264753	6319278	9009900	12000000	10100000	7936536
TAG 58:3	8205932	7067335	5102359	6692165	6601592	6651572	5196622
TAG 58:4	9357211	7491878	5289467	7501841	6627866	7489988	5974416
TAG 58:5	1023000	736577	544894	881841	827014	831167	845484
TAG 60:1	838687	673415	445323	679873	1261045	690177	521958
TAG 60:2	6929918	5925084	3653123	5636968	9329587	6404815	5062697
TAG 60:3	9314995	8135551	5608015	8921694	7902675	8556591	6110230
TAG 60:4	11800000	9666795	5720887	10800000	7230657	11000000	7803768
TAG 60:5	764606	774562	518927	865752	739665	796243	623887
TAG 60:6	111547	57434	42783	61546	45570	55948	63508
DAG 34:1	48309	35994	25680	71469	79499	42805	29002
DAG 34:2	82773	57477	31853	371143	190495	94388	88155
DAG 36:2	113942	67252	65943	191116	249078	105754	97942

Rice Lipid Raw Data	GW148	GW149	GW150	GW151	GW152	GW153	GW154
DAG 36:3	272110	270452	184204	935537	371088	344863	217189
DAG 36:4	768612	759687	468674	2218213	687596	868343	796597
DAG 36:5	84108	93364	51681	262225	83705	93413	88436
Lyso-MGDG 16:0	195915	392416	209406	424990	324895	353758	405971
Lyso-MGDG 18:0	26095	29146	12622	22901	41216	19782	20803
Lyso-MGDG 18:1	8623	3141	3733	5414	8159	12706	6518
Lyso-MGDG 18:2	49237	13575	19284	19619	33136	44097	42024
Lyso-DGDG 16:0	62199	25100	31844	48311	74472	46957	63996
Lyso-DGDG 18:1	21209	4391	8930	11870	16209	15211	12616
Lyso-DGDG 18:2	110079	22076	46736	66820	57438	79727	84251
Lyso-PC 16:0	5805712	10200000	6104863	11800000	6506814	9516791	11000000
Lyso-PC 16:3	94498	288386	103770	195055	76158	162773	263744
Lyso-PC 18:0	436966	596319	287093	550085	581251	496503	453928
Lyso-PC 18:1	1329420	2310491	1336636	2548891	904167	2043694	2031476
Lyso-PC 18:2	3243658	4531283	2838218	5725808	2675389	4576554	5539659
Lyso-PC 18:3	1073317	1443262	1098104	1526999	1144099	1412712	1462835
Lyso-PE 16:0	420223	842474	369281	1086669	494186	692046	874702
Lyso-PE 18:0	3832	16076	8851	11873	3837	12167	16630
Lyso-PE 18:1	65730	93914	61400	119360	65795	76490	70677
Lyso-PE 18:2	331673	301187	240122	613995	278117	323448	429276
Lyso-PE 18:3	71629	133045	65361	157251	85934	113457	138042
SQDG 32:0	87753	85849	116774	102841	83792	80406	112515
SQDG 34:2	21134	29337	38293	22124	47956	37015	53121
PG 32:0	93903	121334	101813	76178	108969	163873	123378
PG 34:1	127833	157354	203765	128227	204094	123696	137227
PG 34:2	176838	261291	231669	153097	442122	155733	238433
PG 36:3	43934	54157	61334	37618	60526	24934	37410
PS 36:0	87130	105462	161788	102163	119350	95172	121311
PS 36:1	43448	50826	90786	51158	65517	25909	65222
PS 38:0	1250711	1401105	1502839	1249335	1479957	1309847	1434219
PS 38:1	1192767	1295879	1449748	1163413	1539851	891050	1353485
PS 38:2	21550	46527	38607	37828	46646	26603	38071
PS 40:0	77424	94345	93997	57110	71925	84128	74367
PS 40:1	923650	783169	850754	804872	751446	963136	957668
PS 40:2	1501882	1523017	1549742	1417147	1493287	1300010	1462862
PS 40:3	1060248	1057254	1258411	907506	1459813	596849	1213706
PS 40:4	49038	67766	68626	52767	83143	35864	60663
PI 34:1	1070422	1044696	1214260	627058	573863	823404	771482
PI 34:2	1997772	2329048	2124219	1523971	2171466	2066254	2227437
PI 34:3	60208	125718	73962	63862	82124	115424	86500
PI 36:4	257185	301673	263893	181678	312573	148963	229618

Rice Lipid Raw Data	GW155	GW156	GW157	GW159	GW160	GW161	GW162
DGDG 32:0	16324	26270	19751	33307	32728	51008	25028
DGDG 34:1	18824	55659	19178	46024	36299	57750	28764
DGDG 34:2	138992	326662	133841	300360	189891	356640	190934
DGDG 36:2	12275	47174	11581	41401	35186	68531	35287
DGDG 36:3	36748	108383	36933	89782	86955	81143	57060
DGDG 36:4	197479	375130	213839	276924	327067	232605	200407
DGDG 36:5	109547	177416	126686	85076	147256	109645	72125
DGDG 36:6	62527	123422	61185	121928	84741	81065	65465
MGDG 32:0	5242	7254	4802	13375	8202	20396	9982
MGDG 34:0	8746	29889	10698	33877	20766	60392	44008
MGDG 34:1	17668	63051	9468	35051	46960	31601	25122
MGDG 34:2(1)	56945	132449	48057	99558	94245	114829	153897
MGDG 34:2(2)	32621	89878	30877	70386	54011	101619	59831
MGDG 36:3	30457	65579	21503	53336	55132	60155	43327
MGDG 36:4	90422	170141	94026	104645	140433	136235	106674
MGDG 36:5	38563	77628	32998	41209	57902	68847	52994
MGDG 36:6	28387	93166	27044	49753	47740	55824	40905
PC 32:0	313211	359873	457914	179474	232038	243928	347632
PC 32:1	547304	926234	592578	396335	514796	433883	560899
PC 32:2	957094	718901	1411819	297158	672092	449149	535582
PC 34:1	8754541	12500000	9857616	8188750	9567048	8643954	8473104
PC 34:2	7793150	8852334	10100000	5013638	7991762	5842585	5865836
PC 34:3(1)	116439	375305	173758	120454	128929	72998	149433
PC 34:3(2)	52320	59333	80715	28600	39877	41659	60496
PC 34:4	90803	151635	94471	62324	83073	70421	91662
PC 36:1(1)	57522	52534	71425	85116	62796	71969	41072
PC 36:1(2)	539179	666613	669867	598211	884187	415406	602848
PC 36:2	7514051	8169734	8273360	7758144	8503607	8281286	7519152
PC 36:3	12000000	11600000	13000000	8842656	12200000	10700000	9298433
PC 36:4(1)	6668089	6066306	9336575	3394247	7336934	4587588	4520619
PC 36:4(2)	1150412	1347526	1199126	1087048	1200016	1187150	1138661
PC 36:5(1)	855729	868951	1342314	430345	701428	442440	378489
PC 36:5(2)	1118059	1245574	1266505	856190	1165908	978963	912896
PC 38:2(1)	66310	74606	82088	39991	79865	58319	55907
PC 38:2(2)	48606	30201	69531	12875	60616	34099	30835
PC 38:3	70601	62373	103815	27724	79418	50979	49659
PC 38:4(1)	29286	24979	36804	41334	30303	37478	21500
PC 38:4(2)	87936	115134	117543	99490	154916	68779	104027
PC38:5	1049653	1084395	1024499	993963	1043593	1024861	971406
PC38:6	1271062	1230930	1227657	1096077	1320999	1239278	1210822
PE 34:1	727195	1100471	814404	653443	944415	696076	613389
PE 34:2	1239375	1499986	1471055	954135	1415462	1123717	932388
PE 34:3	21078	56930	27143	17394	23989	13532	36267
PE 36:2	331802	432124	354911	302161	432480	338284	333898
PE 36:3	913691	1072193	1044608	720442	1159093	939491	776119
PE 36:4	1162560	1260384	1374956	905236	1313183	1088628	970384
PE 36:5(1)	33048	54042	43637	21489	36587	19963	25829
PE 36:5(2)	194277	197380	212342	153214	202289	176991	155323
TAG 48:0	2796440	2597020	2994035	4108284	2648347	8729185	4348505

Rice Lipid Raw Data	GW155	GW156	GW157	GW159	GW160	GW161	GW162
TAG 48:1	4407048	5040495	4865790	3412443	4818618	5853664	5760684
TAG 48:2	9871674	8022164	12500000	5868966	7414954	12100000	10800000
TAG 48:3 (1)	802527	598019	848942	406795	589199	600138	674416
TAG 48:3 (2)	246733	149050	210838	215331	140563	51770	116798
TAG 48:4(1)	330552	235140	425665	137522	250660	191056	234626
TAG 48:4(2)	117364	45105	153276	58465	72275	40124	56875
TAG 50:0	1520558	1537812	1644244	2775567	1744918	4268949	2315607
TAG 50:1	48000000	53800000	53400000	56100000	52900000	68600000	60700000
TAG 50:2	88100000	92600000	99400000	83500000	91100000	110000000	91900000
TAG 50:3	24600000	24500000	29100000	17900000	22600000	25700000	23600000
TAG 50:4	14300000	10100000	20000000	6547027	9812023	12100000	12800000
TAG 50:5 (1)	936101	512438	1225619	357810	561048	625385	734946
TAG 50:5 (2)	217656	127010	231758	106120	110852	29698	71708
TAG 52:0	1246423	1320483	1242598	1989792	1375295	2382071	1614478
TAG 52:1	18100000	20700000	21200000	29400000	27900000	32100000	27600000
TAG 52:2	92100000	93500000	94400000	99100000	99800000	107000000	96100000
TAG 52:3	132000000	130000000	136000000	125000000	133000000	139000000	131000000
TAG 52:4	141000000	128000000	147000000	112000000	134000000	142000000	127000000
TAG 52:5	30000000	27600000	39900000	20000000	28200000	28800000	26500000
TAG 52:6	907669	1119602	1291080	638134	825214	978008	890126
TAG 54:0	473968	548694	495260	849092	569699	879207	626947
TAG 54:1	9042002	11400000	9330354	15000000	15200000	16800000	13900000
TAG 54:2	36500000	44500000	42800000	54900000	52100000	54500000	46300000
TAG 54:3	86400000	91500000	92700000	104000000	95700000	97100000	94800000
TAG 54:4	124000000	126000000	120000000	121000000	130000000	121000000	117000000
TAG 54:5	139000000	146000000	148000000	124000000	148000000	129000000	128000000
TAG 54:6	103000000	87700000	123000000	63900000	98300000	80600000	83800000
TAG 54:7	20000000	16000000	27600000	9461610	17000000	12500000	13700000
TAG 54:8	1016443	983948	1444933	464579	869668	564509	733007
TAG 56:0	165518	165851	177148	285644	160772	511697	288847
TAG 56:1	2819969	4006509	2788709	4471893	4309916	5945795	4474901
TAG 56:2	16000000	20100000	17200000	23100000	23200000	26500000	21500000
TAG 56:3	22900000	28400000	24500000	23700000	27300000	28200000	24300000
TAG 56:4	16700000	16600000	20000000	11400000	17800000	15500000	15800000
TAG 58:0	34039	39491	38120	77074	39670	120028	65851
TAG 58:1	2522504	3272817	2566992	3604515	3464627	4944189	3723264
TAG 58:2	8746980	10800000	9355148	10000000	11100000	15200000	11200000
TAG 58:3	6081239	8012926	6535337	6174451	8039258	8087172	6602006
TAG 58:4	6998346	7784551	7906377	5110953	8314257	7770376	6334323
TAG 58:5	832075	768130	1013231	561461	790865	899011	762884
TAG 60:1	559666	801158	618172	943925	872373	1368042	916244
TAG 60:2	5391401	7077967	5852345	8444277	7855541	10500000	7613937
TAG 60:3	7053339	8321619	7573858	6874909	9161796	9211188	7519787
TAG 60:4	8101583	8299617	9911852	6175747	10000000	8648023	7602334
TAG 60:5	675525	677358	777618	568936	808554	816831	779876
TAG 60:6	65074	47197	93489	31480	90412	50135	37107
DAG 34:1	29866	48070	26168	37239	64903	63775	35412
DAG 34:2	80340	92346	120969	57295	131698	178482	45628
DAG 36:2	97728	173943	107195	142964	186112	216189	85204

Rice Lipid Raw Data	GW155	GW156	GW157	GW159	GW160	GW161	GW162
DAG 36:3	213940	399465	337881	141843	411257	328312	86896
DAG 36:4	610983	727106	833843	358545	876083	601832	271610
DAG 36:5	70201	94497	99329	42972	88837	67301	40058
Lyso-MGDG 16:0	314147	249298	398871	339208	302325	445876	364001
Lyso-MGDG 18:0	13006	13035	20243	24821	27665	35226	28590
Lyso-MGDG 18:1	4080	12725	2900	14464	12337	8560	4182
Lyso-MGDG 18:2	31610	39674	22526	51794	39379	37742	25420
Lyso-DGDG 16:0	37054	45699	34007	81409	44494	65483	41909
Lyso-DGDG 18:1	7966	13518	6553	29819	19420	19792	11171
Lyso-DGDG 18:2	57099	61917	53511	132149	112510	63456	53958
Lyso-PC 16:0	8314016	5626481	9878172	6633937	8369216	6787918	9769212
Lyso-PC 16:3	252066	88374	284749	105582	120970	106847	211844
Lyso-PC 18:0	340116	334507	420526	436942	644344	435406	602075
Lyso-PC 18:1	1939812	1438425	2250491	1613603	2763542	863760	1983301
Lyso-PC 18:2	4363110	2576851	6284086	3217391	5180460	3035684	5119310
Lyso-PC 18:3	1291998	1015195	1339363	1113936	1290567	1139891	1385866
Lyso-PE 16:0	828659	380875	925245	406962	809926	373759	687624
Lyso-PE 18:0	14159	6520	18755	10164	7641	11295	14021
Lyso-PE 18:1	91792	75197	86021	74099	148000	53376	78022
Lyso-PE 18:2	503565	222044	617267	271694	585818	289131	363414
Lyso-PE 18:3	132887	67277	149614	71388	125214	64556	107386
SQDG 32:0	137711	136248	114775	146726	179658	145191	136806
SQDG 34:2	35850	29911	41496	32184	50610	33555	63119
PG 32:0	101171	106644	141359	126807	98583	111799	131213
PG 34:1	136163	145066	241761	206474	165938	185218	159428
PG 34:2	208660	225181	275511	261360	200378	235594	205663
PG 36:3	37409	47887	51083	65080	29905	50124	31789
PS 36:0	115212	145354	167167	145605	107608	136685	118187
PS 36:1	56812	67321	60790	73578	33670	59609	39329
PS 38:0	1294940	1360712	1648492	1450995	1308262	1496966	1431049
PS 38:1	1265838	1250481	1331467	1430716	929091	1309777	1022998
PS 38:2	40203	34999	90425	47323	31825	34586	18057
PS 40:0	74910	78035	98537	96461	86523	129136	65469
PS 40:1	964575	989602	909530	1017171	1032072	1069532	1046768
PS 40:2	1455861	1517219	1496135	1496602	1399202	1505698	1477315
PS 40:3	1136097	1120373	858681	1320256	642568	1109316	780697
PS 40:4	59161	57093	78818	72483	36852	57327	24789
PI 34:1	508874	1031026	1362193	895631	671138	1131894	931428
PI 34:2	1954258	2184240	2220048	2262265	1733434	1882272	2134820
PI 34:3	84209	89550	161920	100941	79203	67424	71504
PI 36:4	231893	263055	195542	327175	126097	209386	199417

Rice Lipid Raw Data	GW163	GW164	GW165	GW166	GW167	GW168	GW169	GW170
DGDG 32:0	53784	12769	15960	7158	11790	8782	21101	9215
DGDG 34:1	54476	28551	28091	12731	18077	14170	38195	11590
DGDG 34:2	520608	183397	227401	91859	121580	91682	228426	101383
DGDG 36:2	97124	35649	27386	9050	15604	11319	41133	8038
DGDG 36:3	78613	77044	63952	24823	33040	34625	94947	25101
DGDG 36:4	169044	268558	266237	125005	140776	162909	268922	139961
DGDG 36:5	50914	112207	81637	43180	42129	57938	99775	52446
DGDG 36:6	64255	74419	53005	33395	23081	36183	68406	31483
MGDG 32:0	18795	6552	10160	4012	7295	3238	9582	3238
MGDG 34:0	47101	11973	17834	10416	23202	6281	15454	3970
MGDG 34:1	34506	16487	17368	11501	12187	4242	12470	7104
MGDG 34:2(1)	129782	44693	66069	50195	45498	25659	33042	32917
MGDG 34:2(2)	109933	43053	50195	26112	33422	18518	45193	23637
MGDG 36:3	33099	39049	31099	15252	32805	19544	52416	20410
MGDG 36:4	61215	123909	99734	47152	67244	58800	121635	57872
MGDG 36:5	34323	71438	48122	22242	20704	28369	76431	21509
MGDG 36:6	25326	45959	26389	19410	11660	19110	42869	14838
PC 32:0	158456	142267	219919	372052	524320	261202	113982	287909
PC 32:1	286080	345992	401272	348451	225143	311397	345042	315742
PC 32:2	134577	168683	254305	254145	117541	212312	145443	229556
PC 34:1	4476610	6919227	6341811	6211768	7811253	6686090	6918465	6024394
PC 34:2	3221078	4993431	5689803	6937473	7202359	6478454	4270037	6728257
PC 34:3(1)	57092	83789	105249	100624	237987	145611	59193	98929
PC 34:3(2)	26931	19479	36069	64727	89917	41212	16703	48088
PC 34:4	47095	58010	65359	57563	35099	52421	58165	52580
PC 36:1(1)	33803	52300	61136	58718	42711	48778	63065	43483
PC 36:1(2)	191165	320706	314574	264634	263839	222400	437837	198753
PC 36:2	3471293	5350110	5035637	4444398	4426403	4914732	6488831	4220662
PC 36:3	4864576	7830575	8504531	8398334	6923410	8686891	7998893	8685508
PC 36:4(1)	2135990	4206313	5182629	6499432	4234350	6184090	3918722	6883960
PC 36:4(2)	727017	907865	883324	893244	924006	889062	973740	846269
PC 36:5(1)	129866	222690	283679	352144	393027	405987	198069	435764
PC 36:5(2)	569973	840841	895309	1009307	1030195	978989	733713	986582
PC 38:2(1)	29224	59540	54145	55158	47987	70837	58554	51278
PC 38:2(2)	17023	27959	36526	45443	39008	38455	29835	41640
PC 38:3	20637	41508	51350	53701	38175	62796	33491	56911
PC 38:4(1)	18720	26966	31157	30867	22596	26099	33294	22008
PC 38:4(2)	32339	57284	55772	47818	46297	38396	78556	34735
PC38:5	607189	869856	787877	764919	720291	790144	849324	769643
PC38:6	788655	1000171	1013569	1009776	922329	1034920	1004789	1061608
PE 34:1	318665	530142	436838	559148	748431	559336	540141	464390
PE 34:2	659162	869451	841288	1060382	1003601	1020918	844461	996772
PE 34:3	11519	12642	17148	19624	44716	26280	10407	12863
PE 36:2	103011	161869	130267	177403	204329	184569	180659	138801
PE 36:3	316562	661225	585045	775121	705870	751249	757679	656273
PE 36:4	487169	846978	800001	930752	690834	910611	844747	936895
PE 36:5(1)	12559	23688	25622	26954	38638	34839	19493	24901
PE 36:5(2)	131427	154300	152429	172016	173473	174235	153290	174461
TAG 48:0	3035761	1364162	1665313	1157842	822059	951891	1796385	1226743

Rice Lipid Raw Data	GW163	GW164	GW165	GW166	GW167	GW168	GW169	GW170
TAG 48:1	1988053	2075571	2594524	1805816	1296068	1281827	2333512	1826857
TAG 48:2	5888043	3859670	6155494	3791620	2295073	2326563	4128709	4420399
TAG 48:3 (1)	291871	336102	390584	300029	232718	208316	336114	326367
TAG 48:3 (2)	31633	89082	67349	52566	91338	75141	99829	61038
TAG 48:4(1)	90479	171610	189869	152051	122740	125150	151729	155438
TAG 48:4(2)	23551	53593	40157	47743	40869	47120	39686	48599
TAG 50:0	1409241	739606	846573	611494	481892	496917	1179359	550306
TAG 50:1	31500000	29200000	28900000	25000000	20000000	23500000	33100000	27300000
TAG 50:2	58300000	52300000	54300000	48500000	40000000	47700000	54500000	55200000
TAG 50:3	11200000	12500000	13700000	10200000	8685230	9509130	13400000	13000000
TAG 50:4	6709326	7776989	10400000	5994268	3501151	5050203	6531630	6734446
TAG 50:5 (1)	360077	347902	512759	378686	194099	265776	314203	401586
TAG 50:5 (2)	19736	86790	78464	51149	98400	95410	87290	55549
TAG 52:0	875114	576673	684335	467736	471802	458375	932881	427935
TAG 52:1	13400000	12500000	12700000	8290424	7313388	6932999	18400000	7430704
TAG 52:2	58200000	60400000	60300000	50900000	51200000	51000000	63800000	55700000
TAG 52:3	76800000	87500000	88900000	82000000	80900000	81000000	89800000	84600000
TAG 52:4	80800000	91400000	91400000	84400000	81200000	85800000	92300000	91100000
TAG 52:5	14400000	17100000	18000000	16700000	13300000	16900000	16900000	17900000
TAG 52:6	483081	549959	591592	564388	481216	602085	552314	582158
TAG 54:0	342255	261843	308308	210480	215008	214651	391086	211038
TAG 54:1	6494292	7038175	7006374	4036577	4887085	3532997	10400000	3425551
TAG 54:2	24000000	27100000	26800000	17300000	19500000	16400000	34200000	18400000
TAG 54:3	57100000	63700000	60000000	52800000	56800000	50000000	63700000	58300000
TAG 54:4	72400000	85500000	83800000	77400000	78700000	74700000	82500000	81200000
TAG 54:5	71400000	102000000	106000000	93200000	101000000	91600000	97400000	101000000
TAG 54:6	44500000	72000000	74800000	63600000	63800000	64800000	65400000	68400000
TAG 54:7	6832073	12000000	11900000	11400000	10200000	11900000	10900000	12400000
TAG 54:8	311423	542416	578969	556740	494974	650316	529296	540182
TAG 56:0	203224	95147	116961	79923	52331	71616	140869	76786
TAG 56:1	2238738	2331547	2245723	1246397	1548857	1131273	3049731	976250
TAG 56:2	11200000	12000000	11800000	6931820	8874773	6970900	15300000	6924325
TAG 56:3	11900000	17500000	15800000	10800000	14600000	11700000	18700000	11400000
TAG 56:4	8789978	12700000	12900000	10800000	14500000	10700000	12300000	10800000
TAG 58:0	51687	23186	31394	14459	14736	14448	46983	15818
TAG 58:1	1997211	2191501	2030582	1263931	1410195	1129561	2626660	1131185
TAG 58:2	6004718	6534898	6632253	4417911	5276894	4201163	7328893	4366343
TAG 58:3	3400739	4862421	4282277	3337575	4363177	3446139	5234484	3052624
TAG 58:4	3159650	5136926	4577827	3695008	4953565	4079641	5146402	3520974
TAG 58:5	372887	495279	481284	454101	596837	478069	514708	578860
TAG 60:1	663408	567086	665360	305403	387790	308578	978374	321825
TAG 60:2	4892282	4426217	4436296	2418314	3174988	2539811	5968825	2826040
TAG 60:3	3842784	6215088	5510108	4082191	4906587	4147569	7265488	4101743
TAG 60:4	4251949	6166393	6141985	4970158	5981742	5078211	6681085	5038143
TAG 60:5	461413	524166	503906	456527	482973	445494	584948	415556
TAG 60:6	18661	32840	33833	20621	38499	29015	30848	27556
DAG 34:1	33425	36538	24335	46761	35697	32641	84191	32854
DAG 34:2	71778	64522	37676	101044	56300	54399	162888	55745
DAG 36:2	105338	100694	68669	78588	97613	69022	257304	68612

Rice Lipid Raw Data	GW163	GW164	GW165	GW166	GW167	GW168	GW169	GW170
DAG 36:3	54638	103700	72591	214779	227163	190451	363059	185015
DAG 36:4	92718	152109	153846	457441	461211	369159	439950	368691
DAG 36:5	18418	17612	20375	51460	44143	36314	40715	43200
Lyso-MGDG 16:0	197966	128754	349167	281858	273059	182384	162755	210624
Lyso-MGDG 18:0	16224	12851	26777	15112	24344	8333	17819	7327
Lyso-MGDG 18:1	12581	12371	15062	4305	8529	4682	18179	3862
Lyso-MGDG 18:2	69362	64091	84738	24182	50020	39480	84166	28832
Lyso-DGDG 16:0	137881	41240	87237	32175	44587	31540	57834	32915
Lyso-DGDG 18:1	21837	24138	28409	8009	13786	11593	35102	9300
Lyso-DGDG 18:2	90221	118342	128639	46531	83127	90292	125551	66521
Lyso-PC 16:0	5787946	5115177	8634602	8279252	6862564	6428523	4814453	6852666
Lyso-PC 16:3	98023	91770	178640	118861	63010	108293	88198	129246
Lyso-PC 18:0	352589	410469	511046	379286	443902	284771	432768	249657
Lyso-PC 18:1	573535	1504531	1997109	1795242	1517921	1710353	1597942	1687325
Lyso-PC 18:2	2405050	3374797	4207475	4332144	3496976	4411577	2842964	4380977
Lyso-PC 18:3	1022777	955080	1237165	1169303	1079599	1076967	936674	1113846
Lyso-PE 16:0	442925	331130	627583	753385	547427	478901	344820	602422
Lyso-PE 18:0	5489	4469	18201	9333	5185	8283	6943	10817
Lyso-PE 18:1	44967	74603	75303	82360	72465	79391	83687	80441
Lyso-PE 18:2	273618	313922	291286	371525	309561	362209	301208	413300
Lyso-PE 18:3	85219	69254	117699	135708	101057	95502	73746	111606
SQDG 32:0	141937	98337	45926	60997	47706	69335	59790	73441
SQDG 34:2	40716	21213	17693	12068	17444	11496	20237	27757
PG 32:0	126254	82549	70881	61625	51025	54785	47038	56634
PG 34:1	160160	59145	110210	85616	91869	124057	101429	99963
PG 34:2	193307	123689	163949	139437	145788	163514	148371	142562
PG 36:3	42320	16013	36309	29949	35715	34814	45143	38137
PS 36:0	139403	62805	72905	88596	80060	47813	67448	76660
PS 36:1	48999	25742	34139	53636	56127	24021	43222	30353
PS 38:0	1539048	841629	1074927	1011389	1087359	1181472	1076616	1086290
PS 38:1	1232053	445394	890243	958369	1091402	1098772	1081747	752491
PS 38:2	31974	10353	16817	19051	19977	53743	28298	11084
PS 40:0	102372	37863	68761	68419	53098	51765	44344	92017
PS 40:1	1086572	580249	830465	784227	717498	730951	768747	966421
PS 40:2	1559884	803175	1118200	1169180	1164916	999952	1157007	1187330
PS 40:3	990111	287546	597884	821710	934651	613412	898533	534283
PS 40:4	45790	16815	31210	39139	44705	55502	48922	24390
PI 34:1	448142	190908	370815	336767	410170	543210	501756	406066
PI 34:2	1182305	634454	1123677	1195736	1322342	1418978	1420866	1260289
PI 34:3	43670	28673	37829	45005	39591	75679	58548	41434
PI 36:4	129679	59868	107474	124345	168791	102940	172958	134196

Rice Lipid Raw Data	GW171	GW173	GW174	GW175	GW176	GW177	GW178	GW179
DGDG 32:0	9584	16299	8989	12144	40678	10133	8997	14258
DGDG 34:1	16948	24730	16440	19659	36093	26172	20411	25010
DGDG 34:2	110520	195318	122499	118677	267681	168181	170845	122134
DGDG 36:2	17868	25471	20489	14273	43823	23955	20304	13154
DGDG 36:3	35627	57797	56030	41915	51346	63838	70040	51620
DGDG 36:4	155594	193544	194921	151778	179695	272864	282661	147627
DGDG 36:5	66058	61300	74128	63587	83942	141381	98472	74165
DGDG 36:6	36311	35528	47364	31859	92011	63955	54722	47242
MGDG 32:0	6925	7882	4495	6510	26449	5648	5153	5262
MGDG 34:0	11928	21808	13592	16311	23999	11269	6958	19551
MGDG 34:1	4802	27025	22308	15209	7176	20209	38805	15524
MGDG 34:2(1)	20459	118097	58152	43546	49987	55857	103677	24919
MGDG 34:2(2)	21755	47362	26569	36919	69159	39803	45972	25290
MGDG 36:3	29754	38185	38681	28139	26562	35141	31613	29043
MGDG 36:4	94320	111659	98996	63521	85118	120397	105951	52134
MGDG 36:5	47013	52744	63045	21088	60047	65013	48556	31753
MGDG 36:6	27648	20795	31909	14060	51003	39690	28390	22391
PC 32:0	455537	172521	226597	359657	145170	238106	272411	276359
PC 32:1	336685	351055	383906	315964	235852	418776	559647	348995
PC 32:2	166473	174205	196920	229954	110867	250587	308334	189014
PC 34:1	9479959	6032716	6335110	6967748	5690021	7889821	7721502	6851287
PC 34:2	7647186	4024600	4833457	6983077	4075062	6325891	5953064	4868649
PC 34:3(1)	277062	54869	52681	164627	110679	123762	113826	74119
PC 34:3(2)	72912	27961	38323	61421	24767	38856	45060	46603
PC 34:4	54806	58051	63608	54605	38155	69075	99926	59945
PC 36:1(1)	40060	43406	52814	43031	46092	46819	40768	45434
PC 36:1(2)	343034	231717	294775	285789	184617	307703	260689	241386
PC 36:2	5495074	5214489	4619420	6133001	4952920	5657164	5753859	6190781
PC 36:3	6954117	6912980	7427019	9747552	6554106	8808342	9088086	7970124
PC 36:4(1)	4345727	3372670	4261002	6886809	2923162	5777885	5597507	4159844
PC 36:4(2)	969789	893167	875921	940012	821651	986803	936485	952161
PC 36:5(1)	477905	140716	150705	632258	185692	427984	327344	258618
PC 36:5(2)	1060118	704820	829161	1009821	724191	963346	918493	806941
PC 38:2(1)	50477	43288	54072	73440	27522	67864	55596	66056
PC 38:2(2)	64567	19743	31153	68646	11032	36970	38062	22169
PC 38:3	30495	30651	40672	59667	19293	50668	43917	39108
PC 38:4(1)	20388	22195	28039	22050	24179	24723	22062	22190
PC 38:4(2)	61265	40256	51368	49579	31998	54062	45395	44395
PC38:5	808793	779953	808153	832019	759683	899967	832901	869105
PC38:6	881298	940289	953165	1030733	946148	1005484	1038005	985710
PE 34:1	906838	431201	559496	647964	461888	694112	560699	634379
PE 34:2	1301502	701901	911188	986083	790704	1212227	1051306	729822
PE 34:3	62353	8491	8453	29037	21080	24560	18747	11747
PE 36:2	272332	144812	146375	244189	158084	204242	165189	218275
PE 36:3	961185	604758	714213	908515	538925	880127	780833	725760
PE 36:4	870732	692670	879655	917032	681231	1000717	951030	685473
PE 36:5(1)	50531	12316	16227	39884	22908	36443	27972	19940
PE 36:5(2)	204756	143304	159206	174790	160726	183587	169839	142520
TAG 48:0	874367	1510202	1356963	1357038	4184751	1330130	1178092	1351197

Rice Lipid Raw Data	GW171	GW173	GW174	GW175	GW176	GW177	GW178	GW179
TAG 48:1	2428034	2391805	2310970	1630038	2434550	2067581	3044793	2717656
TAG 48:2	4343893	5132638	4193274	3490961	4578934	4368465	5288821	4747560
TAG 48:3 (1)	430942	335101	280481	298945	254867	324071	395443	366605
TAG 48:3 (2)	86369	76204	50756	86708	45745	87822	62430	54981
TAG 48:4(1)	153062	123692	129780	136206	102364	163463	186438	134040
TAG 48:4(2)	35235	33705	38334	55021	29840	50188	40781	34094
TAG 50:0	599351	746878	743101	622950	1831338	712352	714242	882492
TAG 50:1	24000000	30700000	28800000	29300000	39800000	28400000	27900000	28900000
TAG 50:2	42700000	50900000	52300000	54100000	65900000	51700000	49800000	50700000
TAG 50:3	13500000	13100000	11500000	11600000	12100000	12800000	14400000	12800000
TAG 50:4	6746920	7154035	6504018	5475677	4945170	7619041	9149752	6201193
TAG 50:5 (1)	414648	356019	328522	370493	260933	394727	442090	389790
TAG 50:5 (2)	90094	50917	47707	75491	18949	88195	57794	48394
TAG 52:0	521828	603131	572209	493168	1113503	569907	607185	759989
TAG 52:1	10200000	11400000	11800000	10400000	16600000	10800000	9620713	10700000
TAG 52:2	57300000	62800000	57300000	63500000	63900000	57100000	58400000	60800000
TAG 52:3	85900000	91500000	91400000	87800000	88000000	89600000	87700000	86200000
TAG 52:4	86900000	87300000	85200000	88500000	84000000	89800000	87700000	77500000
TAG 52:5	16800000	14200000	14100000	19500000	14700000	18000000	14300000	15500000
TAG 52:6	604236	383787	392712	751676	603631	582362	426733	516428
TAG 54:0	232567	272102	246710	232419	394676	265850	277053	335343
TAG 54:1	6224740	6140577	5710799	4804312	8114997	5703751	4156784	5008892
TAG 54:2	23300000	24200000	23300000	22100000	28000000	22900000	21400000	21300000
TAG 54:3	59000000	61900000	55500000	58700000	58200000	57200000	55800000	59900000
TAG 54:4	84100000	81900000	83500000	82900000	79100000	82000000	85000000	81100000
TAG 54:5	96900000	94900000	92600000	97600000	77600000	103000000	91600000	89200000
TAG 54:6	64300000	55000000	60400000	62700000	44500000	71400000	63800000	55000000
TAG 54:7	10900000	7899879	9728298	14200000	6660306	13100000	8961410	9214888
TAG 54:8	545342	302395	344508	852055	304723	650855	375377	469468
TAG 56:0	46993	94015	90762	91436	253712	98174	74898	72824
TAG 56:1	1605021	1906703	1714455	1679292	2665778	1731352	1161035	1562234
TAG 56:2	10100000	10600000	8752702	8999954	12500000	9556437	7744541	8477056
TAG 56:3	15400000	14900000	14100000	14300000	12200000	15400000	12700000	12900000
TAG 56:4	15100000	10600000	11100000	12100000	9066586	12300000	9896016	9353732
TAG 58:0	13678	23755	21030	22470	67180	21952	17022	15738
TAG 58:1	1266787	1849025	1679638	1697170	2621160	1725379	1167880	1609214
TAG 58:2	4848514	6046644	4909343	5871837	7113156	5504463	4121225	4831605
TAG 58:3	4212723	3746494	3464516	4204968	3416457	4286673	3038192	3408495
TAG 58:4	4981745	3919740	3616195	4652791	3792091	4531134	3148331	3313877
TAG 58:5	524694	391554	487552	539710	375274	513494	445676	525889
TAG 60:1	383034	580314	429413	486245	875890	445061	348449	389324
TAG 60:2	2932712	4283218	3119578	3712962	4818875	3728490	2666678	3166571
TAG 60:3	4394310	5070678	4559466	5296199	4235772	5080586	3678898	4382669
TAG 60:4	5422096	5310675	4450459	6315345	4462853	6157486	4269921	4347789
TAG 60:5	588103	419239	321613	685378	447242	523145	295611	376670
TAG 60:6	49863	13971	17657	39942	20691	38570	34801	34720
DAG 34:1	111631	81237	47490	78867	74415	55220	69608	30551
DAG 34:2	343527	224352	75824	272300	128610	120606	269540	43116
DAG 36:2	253016	241772	109837	202299	136860	148105	190830	67154

Rice Lipid Raw Data	GW171	GW173	GW174	GW175	GW176	GW177	GW178	GW179
DAG 36:3	491177	284222	178515	403513	76746	265882	413726	81293
DAG 36:4	691469	381688	329872	526288	100349	410682	624570	101926
DAG 36:5	65010	30615	28578	58403	16099	42875	49095	17431
Lyso-MGDG 16:0	201664	289150	257229	244555	153129	252057	267010	273986
Lyso-MGDG 18:0	13863	19445	13394	15064	12372	11890	8557	12009
Lyso-MGDG 18:1	7663	7977	10557	9888	4097	13981	13490	15628
Lyso-MGDG 18:2	57498	70584	46357	55353	31172	71496	63789	51746
Lyso-DGDG 16:0	27587	45485	46298	48166	47748	41802	48527	44570
Lyso-DGDG 18:1	12899	16635	19713	14033	12109	16722	17694	36450
Lyso-DGDG 18:2	86010	78189	109312	72531	49791	92384	115981	90984
Lyso-PC 16:0	6170601	4402624	8284148	7705426	3202984	6970128	7587885	6625052
Lyso-PC 16:3	158557	84659	203499	104077	42476	135879	274365	140833
Lyso-PC 18:0	348442	251115	468496	411915	262509	414841	326139	307547
Lyso-PC 18:1	1327081	727838	2439533	1891650	470315	1877729	2179061	1687561
Lyso-PC 18:2	3869969	2473159	4056613	4158785	1800608	4228894	4743888	2635497
Lyso-PC 18:3	1098166	863846	1218820	1138388	680097	1101852	1156500	1129471
Lyso-PE 16:0	374040	272867	746117	690145	340043	553617	638159	399035
Lyso-PE 18:0	10110	12954	9627	7219	2271	11146	16231	13757
Lyso-PE 18:1	69684	43511	121947	86470	41260	93550	93291	79150
Lyso-PE 18:2	445503	225452	433452	397882	213127	402700	416567	246052
Lyso-PE 18:3	77165	62689	132854	124096	75128	106627	118927	77644
SQDG 32:0	73366	70740	67281	45314	68552	128872	49434	45897
SQDG 34:2	25301	16788	19152	24483	18589	47794	30271	19111
PG 32:0	50360	45144	61378	68240	58003	79565	71089	59043
PG 34:1	81245	136112	73306	95216	116746	99577	118942	98028
PG 34:2	154461	162521	113855	144264	160385	150860	173067	145685
PG 36:3	39797	30836	24528	27010	62411	19973	42688	31878
PS 36:0	68620	74139	78826	85251	70072	49398	94988	123626
PS 36:1	47466	34465	35807	41006	47156	22684	52451	70479
PS 38:0	989369	1310554	1012776	1021333	1138399	974604	1201295	1137977
PS 38:1	1098208	1192704	589149	861118	1103583	751842	1043752	1027805
PS 38:2	18805	65443	9735	10540	33242	23197	26644	22199
PS 40:0	39724	75446	46055	63151	59850	37901	61008	56459
PS 40:1	676668	780571	826560	739158	905415	805173	830293	897777
PS 40:2	1155793	1074050	1043375	1078064	1286575	971389	1221940	1204308
PS 40:3	973683	671714	414233	641875	986493	367024	829600	847784
PS 40:4	46932	52643	18681	23009	67342	28689	43817	41182
PI 34:1	366027	595598	268017	403342	436118	402254	635669	456890
PI 34:2	1442135	1383500	770334	1258551	1208671	1419510	1622063	1254055
PI 34:3	38821	86166	23033	32216	50352	64874	59755	46173
PI 36:4	204288	82485	91837	118432	185836	89622	170007	125557

Rice Lipid Raw Data	GW180	GW181	GW182	GW183	GW184	GW185	GW186	GW187
DGDG 32:0	15011	21238	16005	42424	16754	13962	48424	8473
DGDG 34:1	33656	28639	45188	33632	29374	19436	54755	7953
DGDG 34:2	205938	168541	250072	272451	178424	127316	515473	80655
DGDG 36:2	32384	29427	41344	47921	23691	26486	65484	9764
DGDG 36:3	70439	68517	118591	77050	63037	72682	62174	22799
DGDG 36:4	226046	169396	366012	144742	207845	199151	294700	104095
DGDG 36:5	94394	85850	185921	48990	127446	66971	67129	36636
DGDG 36:6	76705	81261	88743	43859	75484	46885	64076	32270
MGDG 32:0	5070	9508	7623	14605	5508	7494	19852	5269
MGDG 34:0	9753	8604	14584	49543	10640	28380	25031	15646
MGDG 34:1	26448	14475	62805	17789	13858	34705	23130	11875
MGDG 34:2(1)	46792	30449	106058	101406	38334	103091	117237	72045
MGDG 34:2(2)	44828	36632	50534	65210	38820	41249	114178	22453
MGDG 36:3	44849	31759	71739	53691	40780	52012	27012	9873
MGDG 36:4	102755	88052	161595	65712	85494	113904	94757	34997
MGDG 36:5	57460	62219	83475	39828	55743	58859	40705	17024
MGDG 36:6	40146	48630	50560	24373	42194	32273	41003	15002
PC 32:0	160916	133083	261476	195520	208514	254670	194740	307114
PC 32:1	328698	370549	627526	344680	331346	338204	273718	302429
PC 32:2	189659	134447	283172	174404	189739	168672	139878	178191
PC 34:1	6785713	6905074	9235156	5893798	6768568	6419998	6409018	4663106
PC 34:2	5336492	3661319	6883496	3861630	5832338	4204733	4423699	3874749
PC 34:3(1)	184537	52997	128507	73954	159655	60987	142921	68199
PC 34:3(2)	22692	22035	44835	32157	34171	43832	31759	51431
PC 34:4	53655	62530	106319	56543	55426	57231	45782	50343
PC 36:1(1)	36247	52928	54697	33168	42457	42437	35990	46703
PC 36:1(2)	253509	321318	413917	212960	294789	331171	249310	181178
PC 36:2	4573953	7544051	7732843	4738917	5306848	5757829	5286014	3644840
PC 36:3	7314565	7970299	10200000	6814010	8812007	8214406	6594575	6402977
PC 36:4(1)	4318439	2901192	5729818	3061351	5010435	3635574	3251336	3700913
PC 36:4(2)	864175	946900	938366	849046	967816	906321	903200	731771
PC 36:5(1)	318804	144303	462534	167139	502842	186495	282491	175197
PC 36:5(2)	837843	647334	998492	684125	895025	737173	755094	683072
PC 38:2(1)	61887	46316	84698	48617	63143	61159	49112	41412
PC 38:2(2)	34467	15208	36638	28296	30981	35202	31661	19212
PC 38:3	49801	24312	73900	29339	53139	35656	30966	31918
PC 38:4(1)	18739	26017	26492	16692	21571	23253	17817	23523
PC 38:4(2)	45102	57214	69927	38066	52360	58256	44269	31300
PC38:5	809134	934480	932352	726312	803801	829842	763797	691501
PC38:6	903940	1006243	1015229	929803	1095553	1023268	884201	934385
PE 34:1	556633	525964	993806	422323	548523	597498	591946	365474
PE 34:2	1006142	771456	1487924	663883	919241	785333	847357	620207
PE 34:3	32891	8948	33258	13577	24372	10567	25453	6915
PE 36:2	135763	195416	400116	159509	162715	175011	197529	122419
PE 36:3	639883	652696	1099354	584042	720352	746052	758450	464916
PE 36:4	818594	639203	1197195	664423	863368	769449	787841	553133
PE 36:5(1)	35790	11911	44817	20328	35976	17405	32502	11779
PE 36:5(2)	167268	151375	213672	130535	161701	149351	159053	129465
TAG 48:0	1525223	2709448	1613653	2956905	1373549	1518607	3001944	1056812

Rice Lipid Raw Data	GW180	GW181	GW182	GW183	GW184	GW185	GW186	GW187
TAG 48:1	1904088	2054460	3549574	2340956	1929316	2043521	1703918	1304730
TAG 48:2	3629201	3715665	6436463	5346375	3936784	3573786	3738915	3269202
TAG 48:3 (1)	278167	265392	525371	271665	309752	273125	250723	228901
TAG 48:3 (2)	81065	40210	96668	34166	102602	80584	31775	60982
TAG 48:4(1)	143905	88315	244438	86204	140708	123405	78175	112360
TAG 48:4(2)	45508	16805	55838	18571	50973	36804	20257	32481
TAG 50:0	708239	1688941	920658	1239166	772021	916722	1321407	641418
TAG 50:1	29700000	34700000	34000000	35600000	30300000	28400000	34000000	21600000
TAG 50:2	50200000	54800000	61700000	62600000	53600000	52700000	60100000	42900000
TAG 50:3	10700000	11600000	17400000	11500000	11600000	11600000	12200000	9404580
TAG 50:4	5605252	4977899	11000000	5685180	5814734	6017099	4767755	5511390
TAG 50:5 (1)	329503	277837	578229	342007	328184	323938	354877	275159
TAG 50:5 (2)	70587	24684	90674	17954	85357	75614	21588	42536
TAG 52:0	585053	1218742	703080	798691	693417	724485	908546	558947
TAG 52:1	9613385	18100000	14600000	11800000	11700000	12100000	12900000	7072094
TAG 52:2	53300000	65400000	60500000	60500000	59100000	59900000	63300000	53200000
TAG 52:3	81300000	85800000	92000000	84400000	84800000	89700000	86800000	76100000
TAG 52:4	83500000	77400000	103000000	76800000	84600000	86300000	84900000	76100000
TAG 52:5	15900000	14000000	22500000	16000000	16100000	17000000	21300000	11900000
TAG 52:6	637040	477234	761611	643645	579837	522926	948004	331172
TAG 54:0	256887	549179	304952	312077	289106	303966	373335	258553
TAG 54:1	5381900	9157676	7400241	5981075	6181765	6162222	6258472	3536446
TAG 54:2	19800000	31700000	27400000	24200000	23500000	25100000	26300000	17700000
TAG 54:3	53900000	65700000	61900000	59300000	60700000	58800000	61800000	52400000
TAG 54:4	77000000	86600000	87300000	74300000	84000000	84400000	79600000	73700000
TAG 54:5	85500000	92100000	105000000	84200000	91000000	94500000	83500000	83700000
TAG 54:6	60100000	52300000	80200000	43500000	54300000	67700000	52200000	55900000
TAG 54:7	10200000	7891592	14900000	7308963	10900000	11300000	10700000	8060388
TAG 54:8	635198	429700	796067	436452	584609	532707	775385	270472
TAG 56:0	100981	201457	111905	198734	99529	107906	210042	78371
TAG 56:1	1786579	2718764	2359737	2115487	1957051	2052314	2243999	1168440
TAG 56:2	9347376	14500000	12100000	11700000	10600000	10900000	11800000	6843186
TAG 56:3	13600000	16500000	17700000	13400000	15200000	15900000	14300000	11100000
TAG 56:4	10900000	7170091	13900000	8919576	11500000	11400000	9994836	9656227
TAG 58:0	25249	55712	26899	47980	23091	30016	49505	14607
TAG 58:1	1868278	2400976	2204335	2153548	1984922	1942676	2284263	1036881
TAG 58:2	5341693	6528284	7144903	6632524	5749661	5873071	6661710	4116877
TAG 58:3	4135375	4079097	5055816	3684590	4279963	4490685	4147420	2893406
TAG 58:4	4140510	3025891	5731421	3645186	4566662	4349241	4220272	3547661
TAG 58:5	481754	304145	547497	477724	554580	476460	601874	371793
TAG 60:1	504975	746315	619326	640339	488780	600562	711514	247513
TAG 60:2	3501856	6473617	4518659	4639056	3812749	4434670	5049740	2662227
TAG 60:3	5117940	4973352	6312476	4850060	5139997	5269907	4944847	3366279
TAG 60:4	5335089	4035292	6969797	4410306	5148847	5757222	5361364	3886542
TAG 60:5	509059	336608	608820	521866	508190	479938	756698	260200
TAG 60:6	41946	14933	46837	36786	52129	20789	43754	13732
DAG 34:1	41984	57744	79031	72428	46218	75941	89949	63067
DAG 34:2	71970	72308	179022	153976	65159	159225	232184	168846
DAG 36:2	82857	177716	225194	179890	106845	203957	218542	192850

Rice Lipid Raw Data	GW180	GW181	GW182	GW183	GW184	GW185	GW186	GW187
DAG 36:3	120059	227159	374274	166876	198828	350619	266914	334921
DAG 36:4	150509	158369	526175	158944	314794	442071	310982	484097
DAG 36:5	26824	23539	45020	26501	30454	38777	44383	37146
Lyso-MGDG 16:0	138939	267637	366853	256705	175353	388232	267612	356562
Lyso-MGDG 18:0	6614	15529	16023	20573	7504	28084	14599	17868
Lyso-MGDG 18:1	21257	16658	23988	7178	13886	17559	15052	3487
Lyso-MGDG 18:2	68385	71745	84008	42024	58587	67812	107464	42817
Lyso-DGDG 16:0	41981	63824	70501	67885	31193	47341	113478	35111
Lyso-DGDG 18:1	23048	35483	28686	16077	19214	21989	26033	9601
Lyso-DGDG 18:2	81544	137873	152337	58779	70475	77569	127516	70842
Lyso-PC 16:0	4563895	6087295	8282556	4302338	5219498	7911908	5306579	6510522
Lyso-PC 16:3	68696	103356	213345	63283	87990	107508	61204	107749
Lyso-PC 18:0	267673	393249	509588	377669	272186	592855	305215	310418
Lyso-PC 18:1	870214	1727300	2478186	503044	1422655	2154581	601962	1316467
Lyso-PC 18:2	2343218	3604592	4778118	1972666	2941309	3781510	2722994	3867531
Lyso-PC 18:3	882924	1047930	1198446	824802	959246	1185612	968214	1053648
Lyso-PE 16:0	323030	398598	905956	275139	314168	691912	375793	404620
Lyso-PE 18:0	3478	7122	17653	4493	5401	10368	4128	15190
Lyso-PE 18:1	64776	82063	147095	35705	62662	98919	55654	55717
Lyso-PE 18:2	256510	342045	618330	182231	242166	350611	288818	314355
Lyso-PE 18:3	69873	80767	156596	60366	66287	123652	77777	78559
SQDG 32:0	96035	55507	80482	51465	81842	69701	47217	108283
SQDG 34:2	20988	21541	25841	36361	21744	28268	8707	37603
PG 32:0	53546	67655	57813	94839	99386	73940	68284	78603
PG 34:1	113144	106477	101547	180705	80143	100344	95555	72644
PG 34:2	118503	167268	151797	202199	108306	146916	108260	121968
PG 36:3	36210	31120	32329	53982	19645	35356	28897	25035
PS 36:0	79795	78028	84542	130130	76528	70931	73915	54924
PS 36:1	39686	40639	27191	61904	35350	39430	33335	27097
PS 38:0	1087006	1148033	1127417	1360799	975629	1072837	1005644	1020126
PS 38:1	871347	982788	559956	1067842	692670	993943	778988	830413
PS 38:2	18048	38390	9995	28536	13808	32637	12577	28390
PS 40:0	52394	54084	69705	89797	43069	62795	67361	49741
PS 40:1	914032	775134	1081042	971338	792635	832398	882075	806304
PS 40:2	1142441	1159422	1165233	1368705	1059877	1172571	1088582	1068473
PS 40:3	639911	732539	375280	813615	384544	811128	513599	439387
PS 40:4	34712	51297	19626	57300	22184	53047	24956	35490
PI 34:1	671627	447522	378484	1025906	293001	455924	362799	402622
PI 34:2	1292058	1463238	1267165	1866063	757764	1419920	940283	1571444
PI 34:3	41427	74141	36286	82160	33281	60790	27358	74389
PI 36:4	145730	124011	104692	179471	84233	140340	87250	137194

Rice Lipid Raw Data	GW188	GW189	GW191	GW192	GW193	GW195	GW196	GW197
DGDG 32:0	22088	15816	17701	13093	26126	8058	10655	11774
DGDG 34:1	40212	20453	28579	18034	23605	13183	18764	20065
DGDG 34:2	277214	129828	185415	133888	197096	93149	158837	136036
DGDG 36:2	46121	20824	26173	21938	41249	10541	23509	19116
DGDG 36:3	74989	62783	61621	48078	53602	29540	51860	49011
DGDG 36:4	264442	197683	224955	166821	185867	126268	232719	168867
DGDG 36:5	125252	88098	104793	57953	95476	54375	78033	132694
DGDG 36:6	76710	31324	55033	44043	72758	34437	49640	105049
MGDG 32:0	7187	6920	7987	4837	12327	4291	5072	7527
MGDG 34:0	24662	31087	16096	13035	40234	9634	6586	8068
MGDG 34:1	48924	29503	33807	41124	11142	14960	11563	18755
MGDG 34:2(1)	94228	68271	93190	86344	108174	40656	36237	21849
MGDG 34:2(2)	58761	30538	54485	39047	46099	22689	43731	24621
MGDG 36:3	44333	39297	42266	43753	36398	25591	25900	30560
MGDG 36:4	111042	85238	109696	76815	88214	60604	94893	80211
MGDG 36:5	61011	42665	42819	34573	58628	40068	53462	66210
MGDG 36:6	46617	22184	27694	24719	54964	33289	39042	67852
PC 32:0	266788	326236	304072	233613	276118	307326	195049	177183
PC 32:1	378668	398522	445609	358998	314060	415548	350859	485182
PC 32:2	228605	212723	262321	216436	207510	258111	190926	204016
PC 34:1	6527944	6750830	7597381	6189911	7187911	7031815	6441258	7615148
PC 34:2	6275180	5651117	6590547	5573382	5546001	6100424	5281639	5665662
PC 34:3(1)	98566	58269	165279	85157	79956	103317	107690	208218
PC 34:3(2)	45070	52746	49233	37163	43602	51320	27420	27553
PC 34:4	61980	66569	77212	59775	50498	69753	57270	83458
PC 36:1(1)	55594	55796	46112	40532	45401	44633	34746	57389
PC 36:1(2)	318450	373876	340395	314100	310713	321679	246379	294245
PC 36:2	5179020	6573057	5964404	5425899	5564276	5086875	5237483	7692704
PC 36:3	7523683	8701150	8770750	8535865	8840168	8474221	8019764	9062646
PC 36:4(1)	5664036	5054872	5359560	5226174	4544133	5093044	4907307	4799205
PC 36:4(2)	855355	910811	944783	877841	809802	914956	854040	923937
PC 36:5(1)	415972	254148	478539	263119	225597	272091	302121	579155
PC 36:5(2)	933220	890147	958189	867086	842985	908406	855085	888511
PC 38:2(1)	57293	81213	68009	53734	59584	63594	58969	69209
PC 38:2(2)	32309	43355	39029	31087	43641	38780	44209	23192
PC 38:3	49453	58318	51598	45462	44332	45855	44517	40832
PC 38:4(1)	27925	28719	25025	21640	22259	22918	17373	29662
PC 38:4(2)	56627	65657	62347	56404	51272	55627	42137	52692
PC38:5	757059	837078	846760	804472	746443	867560	798262	870787
PC38:6	903689	995562	973357	1043973	921562	1017735	976212	963111
PE 34:1	549923	676837	708113	548329	519258	621045	569606	740604
PE 34:2	1083252	953024	1113508	847617	866660	864624	855652	1213701
PE 34:3	17774	9650	36307	15185	13800	14753	19684	49171
PE 36:2	150659	244084	218142	175191	201413	188940	163076	236568
PE 36:3	727109	925172	850890	786460	895863	820301	715414	879636
PE 36:4	1011680	907943	903174	859762	978902	862432	889582	1049958
PE 36:5(1)	29001	21371	42397	24455	26250	24789	32314	56180
PE 36:5(2)	171301	157394	175021	156082	155388	153267	155526	196344
TAG 48:0	1456091	1327983	1650524	1168654	2717142	1321073	1068100	1761472

Rice Lipid Raw Data	GW188	GW189	GW191	GW192	GW193	GW195	GW196	GW197
TAG 48:1	2670029	2365301	3020274	2122838	2868169	2616804	1597254	2337133
TAG 48:2	5455070	4253980	6128899	4370563	7109964	4936822	3160513	3420052
TAG 48:3 (1)	440286	341008	427744	313594	445718	373828	271409	337574
TAG 48:3 (2)	80270	73862	92296	49913	41045	68069	53788	70565
TAG 48:4(1)	170846	138458	202493	156145	153502	166262	122601	112119
TAG 48:4(2)	44394	36332	52293	36645	22827	45003	28217	29660
TAG 50:0	832587	802082	825851	694715	1147709	740731	588670	1103882
TAG 50:1	29400000	28500000	30900000	26100000	35000000	27400000	23800000	28700000
TAG 50:2	54500000	50600000	57200000	48500000	67600000	50700000	45100000	46200000
TAG 50:3	13900000	13000000	15300000	11400000	16400000	13000000	10800000	11900000
TAG 50:4	7775758	6218301	8700008	6942975	8884191	7047575	5134863	5207957
TAG 50:5 (1)	426687	339938	430325	353348	499067	445327	350605	417294
TAG 50:5 (2)	66702	63169	84167	36659	38154	55071	45721	58443
TAG 52:0	654794	619061	648740	547799	780116	569900	538105	864588
TAG 52:1	11700000	12000000	12200000	9906682	13500000	9817220	7691356	12700000
TAG 52:2	57900000	58800000	56700000	53000000	59400000	54000000	52300000	58600000
TAG 52:3	89600000	86100000	85900000	81400000	85100000	82200000	80100000	80800000
TAG 52:4	93000000	84500000	93000000	79900000	95100000	83900000	78500000	75000000
TAG 52:5	18500000	16700000	19000000	14600000	23700000	16100000	14800000	17800000
TAG 52:6	579756	474324	726070	422221	911449	556902	524878	816155
TAG 54:0	288018	274500	285059	247173	300897	259298	239485	375693
TAG 54:1	6467988	6219114	6881827	4891849	6858434	5139574	3975652	7219564
TAG 54:2	25200000	25800000	24700000	19900000	25800000	20300000	18800000	26200000
TAG 54:3	61600000	59300000	60200000	55600000	55700000	54200000	56800000	60800000
TAG 54:4	80900000	83200000	83600000	78900000	78800000	79300000	76900000	79300000
TAG 54:5	92900000	96500000	94100000	89600000	89800000	90600000	93700000	86400000
TAG 54:6	62600000	62200000	69600000	58200000	64600000	60300000	60600000	55100000
TAG 54:7	10700000	10400000	11600000	9531133	11500000	10500000	10500000	12000000
TAG 54:8	565329	446535	702851	393983	555724	479296	560950	846452
TAG 56:0	101032	92102	114065	80971	170428	87312	73600	140530
TAG 56:1	2007796	1977378	2111049	1509416	2499986	1601804	1191650	2475740
TAG 56:2	11100000	10700000	11500000	8366780	11600000	8899631	7710797	12300000
TAG 56:3	15700000	15000000	16000000	12700000	14900000	12900000	12300000	15700000
TAG 56:4	12200000	11000000	12200000	10500000	13800000	11700000	10500000	9673583
TAG 58:0	23942	21214	26915	14832	43821	18499	14720	36085
TAG 58:1	1998591	1608210	2061364	1502551	2532459	1588701	1269208	2065054
TAG 58:2	6163801	5408718	6533735	4624710	7473315	5072826	4669807	6398660
TAG 58:3	4347929	4161246	4703740	3497384	5040603	3829582	3303065	4682088
TAG 58:4	4788528	4184314	5066339	3861650	6043452	4142069	3846493	4001884
TAG 58:5	490041	468847	489303	502137	843215	442725	446076	502589
TAG 60:1	503085	405873	570839	341183	755551	405055	307211	589952
TAG 60:2	4128378	3563594	4496573	3166890	4945982	3101627	2771974	4780550
TAG 60:3	5240286	4586668	5457986	4316274	6183012	4331208	4180555	5165578
TAG 60:4	5565610	4601784	6226063	5142376	7010432	5189306	4585965	4602915
TAG 60:5	509296	402044	553364	352941	885948	480779	461262	589650
TAG 60:6	34015	24849	48962	34730	47472	27696	27667	46900
DAG 34:1	43173	39982	48517	34069	73035	51299	88369	106420
DAG 34:2	77833	63925	74489	44695	174320	60619	355768	208348
DAG 36:2	118263	116897	118745	79339	140435	97087	235834	290526

Rice Lipid Raw Data	GW188	GW189	GW191	GW192	GW193	GW195	GW196	GW197
DAG 36:3	185151	174190	240304	170922	219580	211597	566337	380023
DAG 36:4	315218	265282	418915	310493	303773	381221	653607	383081
DAG 36:5	36201	26923	35311	31198	35249	38762	64915	52349
Lyso-MGDG 16:0	382126	388447	391728	329360	288326	331912	156492	259846
Lyso-MGDG 18:0	16927	21896	23737	16135	28545	13762	5255	11883
Lyso-MGDG 18:1	23484	15987	13681	10015	3889	5463	6419	11418
Lyso-MGDG 18:2	77296	64950	58559	40921	45905	24641	57399	39934
Lyso-DGDG 16:0	88249	56177	61827	39075	36289	28091	36220	28679
Lyso-DGDG 18:1	31453	27355	21152	13716	8526	7589	11404	15751
Lyso-DGDG 18:2	156139	122085	109101	70000	55611	33640	79424	59479
Lyso-PC 16:0	8725445	8189842	8677196	7627649	4347106	8156405	4206947	5707323
Lyso-PC 16:3	198028	160226	176484	137081	65504	164965	85089	128764
Lyso-PC 18:0	553984	503754	540566	417051	358339	426456	220247	317481
Lyso-PC 18:1	2373550	2172102	2092665	1788987	517885	2108743	720600	2359862
Lyso-PC 18:2	3871991	4186121	4147175	3510258	2403002	3908266	2638415	3597379
Lyso-PC 18:3	1189497	1183784	1210419	1155836	856684	1163257	843164	1017441
Lyso-PE 16:0	835804	751975	875710	666467	257697	684107	341199	416225
Lyso-PE 18:0	15971	15288	17717	13510	6244	15280	5310	12722
Lyso-PE 18:1	129280	106551	102782	89513	31091	87420	57657	123388
Lyso-PE 18:2	506110	500893	456801	334791	215503	335977	292907	369076
Lyso-PE 18:3	146387	135633	147363	121317	58959	124398	72600	85845
SQDG 32:0	46622	66898	67364	66574	88424	90846	61010	69477
SQDG 34:2	10481	32173	13631	23060	22267	31291	10948	12069
PG 32:0	41929	86502	78230	79352	63486	117815	57293	60506
PG 34:1	57290	91087	112339	109915	105402	104774	92719	93672
PG 34:2	102475	157175	126737	151637	144871	134826	116564	128159
PG 36:3	23227	30212	40094	40636	39890	34448	30075	31854
PS 36:0	63234	82613	88236	95853	76875	70482	94228	74256
PS 36:1	37352	48132	45324	55147	47162	42275	54570	38171
PS 38:0	834651	1066275	1054744	1160424	1018800	1141991	1109528	1020114
PS 38:1	721444	1034399	988551	1052844	978732	1002675	984853	908175
PS 38:2	12604	21344	13633	36563	16549	17386	20351	23271
PS 40:0	34806	67255	79587	76209	66599	72285	67719	51862
PS 40:1	634478	769085	923725	876304	827313	901489	791303	827101
PS 40:2	977905	1155299	1210928	1223000	1149968	1228008	1206152	1096207
PS 40:3	448665	879091	789277	808165	847262	770941	781806	747245
PS 40:4	26390	45002	35924	56080	38143	30188	36350	43979
PI 34:1	239097	492493	746657	566600	417394	418155	408505	315291
PI 34:2	857573	1557115	1496013	1517734	1133989	1280413	1004461	715668
PI 34:3	22725	55767	38185	69588	28926	38900	29057	32477
PI 36:4	98953	155356	181224	155016	134233	130244	107806	101259

Rice Lipid Raw Data	GW198	GW199	GW200	GW201	GW202	GW203	GW204	GW205
DGDG 32:0	20035	21589	13229	14438	49972	15050	19996	37461
DGDG 34:1	36964	33461	16095	22575	63436	25828	27258	33773
DGDG 34:2	225058	232992	125791	141934	607197	163807	158450	247894
DGDG 36:2	25357	28807	17690	15177	85841	21321	24899	38061
DGDG 36:3	76217	75042	35844	65588	98331	67737	75629	58415
DGDG 36:4	221394	234797	168371	213862	208514	204768	172497	175437
DGDG 36:5	84127	96075	80537	98359	51463	78140	69825	78941
DGDG 36:6	45642	50758	44098	41319	65769	48646	42306	106379
MGDG 32:0	5136	4759	5267	4506	20199	5288	14310	18556
MGDG 34:0	14363	13549	7832	9666	33126	6423	11867	14993
MGDG 34:1	29348	33107	9952	18313	40824	42760	12815	24995
MGDG 34:2(1)	48663	52434	37867	40622	138201	65664	46094	62263
MGDG 34:2(2)	41183	39595	31867	24170	127030	44821	45436	63513
MGDG 36:3	43363	47682	27025	40635	42208	39477	49558	28955
MGDG 36:4	79672	89629	72630	80202	65647	96084	102468	77339
MGDG 36:5	32103	39477	35252	31427	36463	39881	52623	41642
MGDG 36:6	20542	26329	29829	18038	34964	28060	26335	52317
PC 32:0	227941	214552	237771	289750	147062	228613	245018	155363
PC 32:1	295666	319158	355830	415501	300945	304115	310907	367695
PC 32:2	185337	181488	239205	246530	138316	167403	105163	158728
PC 34:1	6078395	6186556	6407744	7624354	5057180	6090595	9061142	6685762
PC 34:2	5644496	5613852	6157917	6211687	3257803	5029249	3844354	4208103
PC 34:3(1)	93739	94257	132256	120079	68463	207478	123955	142950
PC 34:3(2)	36647	35907	38841	48290	23403	38424	39978	23980
PC 34:4	48212	53888	57010	67512	50185	50151	52612	61689
PC 36:1(1)	44977	45100	57207	45274	37938	37712	54851	68147
PC 36:1(2)	234672	246921	227157	311006	198682	252551	345108	294529
PC 36:2	5298609	5771068	3999887	6904018	3597302	5412419	6815871	6483191
PC 36:3	8223849	8259450	7566261	9669662	5094635	7038048	7057360	6858517
PC 36:4(1)	4970516	4878656	5316506	5579709	2217794	3774788	2301668	3009399
PC 36:4(2)	847325	817201	875379	897884	778110	847731	975005	866432
PC 36:5(1)	310863	289818	420147	450016	154229	333690	159887	272414
PC 36:5(2)	886279	879500	912850	888452	580447	814176	665353	715721
PC 38:2(1)	56376	57022	54587	82111	33566	52874	43259	39217
PC 38:2(2)	30398	28524	31229	44910	18467	21116	18033	10491
PC 38:3	48660	43846	48938	61876	22053	36790	20029	23702
PC 38:4(1)	22455	23505	30301	22547	18970	20089	26936	34010
PC 38:4(2)	41800	41690	38709	54608	33099	42148	58048	50234
PC38:5	791627	830344	710534	890846	609010	782916	859656	821773
PC38:6	948059	921034	933738	976777	797927	885512	938742	889000
PE 34:1	498278	561820	513476	652981	352799	678341	780033	511084
PE 34:2	826911	843774	873414	1044197	631672	965718	867713	793498
PE 34:3	13894	15326	21063	19593	10943	45930	19893	21293
PE 36:2	161223	174550	150756	250123	108092	207465	260945	174512
PE 36:3	655937	692275	715493	888126	390508	748228	781496	533213
PE 36:4	824469	835008	870179	885578	548999	782060	656886	650531
PE 36:5(1)	25767	24771	34503	27779	13126	41817	18667	22750
PE 36:5(2)	153710	150429	154075	160145	124361	153627	157114	154766
TAG 48:0	1295646	1261502	1052922	1297764	2586878	939790	1934772	2489417

Rice Lipid Raw Data	GW198	GW199	GW200	GW201	GW202	GW203	GW204	GW205
TAG 48:1	1932885	2036520	1667097	2429966	1790142	1696738	2104723	2102310
TAG 48:2	3832831	3651182	3497265	4742591	4834021	2847114	3535418	4566378
TAG 48:3 (1)	296825	252550	277616	339924	276010	230212	293228	318776
TAG 48:3 (2)	62255	62619	59417	74251	35213	31975	99488	105714
TAG 48:4(1)	131819	115205	135583	158495	80941	83646	107801	122357
TAG 48:4(2)	38353	30760	36253	41888	20191	17961	30167	41000
TAG 50:0	753629	656785	554365	642796	1175524	556961	1088698	1473580
TAG 50:1	28600000	25700000	23400000	28600000	27800000	23400000	26500000	28600000
TAG 50:2	53600000	51200000	45900000	51100000	53800000	42900000	46100000	47300000
TAG 50:3	12400000	11400000	11000000	13600000	10600000	10200000	10500000	11300000
TAG 50:4	5825472	5634949	5852505	8032403	5354206	4717533	5433841	6198412
TAG 50:5 (1)	291960	271990	350802	334441	324593	284111	272008	332359
TAG 50:5 (2)	57507	48214	56686	63688	18633	28472	55284	68016
TAG 52:0	593231	540120	485592	511444	746308	439411	818993	982856
TAG 52:1	9653799	9248149	7043033	9884825	11000000	8239289	13100000	14800000
TAG 52:2	59900000	57800000	49200000	55700000	54100000	53000000	58700000	59900000
TAG 52:3	84000000	83300000	76600000	83300000	76800000	79500000	84000000	83900000
TAG 52:4	85500000	84500000	78400000	82900000	76600000	77900000	77000000	80600000
TAG 52:5	16400000	13800000	15000000	15500000	14000000	14100000	12500000	13500000
TAG 52:6	647488	448132	560205	418758	465886	547086	386399	471794
TAG 54:0	266980	241585	227691	242074	298973	210723	369910	392831
TAG 54:1	4801888	4490602	3449851	5248950	5441250	3970513	7604923	7511123
TAG 54:2	21800000	21400000	16100000	23000000	21200000	19700000	29800000	28100000
TAG 54:3	58700000	56300000	48600000	58500000	53100000	57200000	59000000	61600000
TAG 54:4	83900000	81300000	73500000	81600000	70300000	74800000	82200000	82400000
TAG 54:5	93700000	86600000	82700000	91800000	70800000	83600000	90400000	84800000
TAG 54:6	61000000	58000000	61300000	65700000	42500000	51700000	55100000	50000000
TAG 54:7	10400000	9411200	10700000	9059986	6515520	8677110	7728098	7496297
TAG 54:8	523322	421259	588346	365315	305706	538309	304291	423880
TAG 56:0	82493	71555	70428	89021	179901	58482	131494	185012
TAG 56:1	1534177	1450798	1127333	1673802	1841737	1267279	2600337	2180986
TAG 56:2	8618927	8860467	6893691	10100000	9718293	7877332	15500000	12700000
TAG 56:3	14300000	13400000	10700000	14800000	11000000	11800000	16900000	13900000
TAG 56:4	9769057	9349595	10800000	10800000	7921599	9001409	9533093	7080566
TAG 58:0	16232	15017	14943	19687	47582	12192	41549	58190
TAG 58:1	1646709	1516846	1269376	1803667	1702225	1135738	2191312	2079978
TAG 58:2	4864574	4698198	4317007	5483403	5579479	3900009	6790057	6266364
TAG 58:3	3721518	3739890	3294737	4149892	2967712	2981309	4352363	3502489
TAG 58:4	3945281	3709670	3647097	4132293	2930730	3346135	3896752	3301529
TAG 58:5	456975	402191	418108	498518	343200	303176	370791	334246
TAG 60:1	389611	357221	316013	451619	565784	301497	712155	703229
TAG 60:2	3405532	3393122	2797858	3865747	4098331	2682260	5840620	5278739
TAG 60:3	4872201	4581109	4036753	5089645	3819719	3301852	5522808	4835457
TAG 60:4	5081157	4544224	4852575	5518777	3799104	3708603	4806184	4310681
TAG 60:5	429852	355220	482524	382978	401636	326615	455823	394231
TAG 60:6	24118	24144	29172	31102	19934	24956	17512	25905
DAG 34:1	30091	37423	45522	76125	66741	81280	77388	40033
DAG 34:2	47850	68449	96696	204116	115840	181752	119038	63790
DAG 36:2	70186	102096	98107	234614	155242	226955	270212	154167

Rice Lipid Raw Data	GW198	GW199	GW200	GW201	GW202	GW203	GW204	GW205
DAG 36:3	143901	184891	265020	398939	213793	375283	240472	81463
DAG 36:4	217740	313536	516770	481746	282005	435426	169503	86476
DAG 36:5	27135	32125	60973	35288	36390	46875	19799	17335
Lyso-MGDG 16:0	240317	285625	235682	358619	274104	236095	217272	295326
Lyso-MGDG 18:0	9995	11653	9856	15408	16934	7267	13429	17710
Lyso-MGDG 18:1	16628	24480	10840	13761	15341	17615	11166	10514
Lyso-MGDG 18:2	66928	84661	75567	60160	83889	79867	58874	52344
Lyso-DGDG 16:0	56216	86671	46955	51568	131913	41346	37953	58792
Lyso-DGDG 18:1	24561	37004	16422	27889	27409	22930	19991	21804
Lyso-DGDG 18:2	95848	160799	112722	127960	103313	112452	74525	80552
Lyso-PC 16:0	5481791	6929591	7282511	7766649	5272858	5519713	3461807	4326566
Lyso-PC 16:3	92757	110231	166319	143806	88030	105351	65333	84948
Lyso-PC 18:0	256560	329089	399222	382558	281501	262699	233767	276167
Lyso-PC 18:1	1371967	1743650	1612680	2197638	587179	1656605	817914	876265
Lyso-PC 18:2	2691498	3172691	4318318	3969034	2242129	2882553	2213824	2360936
Lyso-PC 18:3	985199	1104644	1096833	1135463	961746	983664	722985	866674
Lyso-PE 16:0	322343	499776	557936	670753	386990	450819	261886	295876
Lyso-PE 18:0	7331	9793	10084	16223	5070	9403	7037	13625
Lyso-PE 18:1	67746	88751	69336	97884	48949	101514	55038	55616
Lyso-PE 18:2	261299	325299	429336	426964	257602	344145	216992	210233
Lyso-PE 18:3	71255	94165	102276	123628	78880	86815	58741	63260
SQDG 32:0	52982	105924	98330	77390	85424	83025	74898	87490
SQDG 34:2	30447	30638	26261	17972	22447	21088	10188	39653
PG 32:0	66847	74064	73035	60561	82367	71852	50762	64191
PG 34:1	110415	98004	100553	94272	108750	65312	108945	128558
PG 34:2	169501	152584	147677	149624	133650	123222	133157	142208
PG 36:3	39054	38463	38510	36979	40892	17545	33739	24120
PS 36:0	103481	63185	67865	77705	92319	63242	64752	67274
PS 36:1	42086	35853	36815	49131	48017	26194	32407	19238
PS 38:0	1148160	975377	1008661	1019127	1154434	863988	986701	1268657
PS 38:1	937941	980925	933682	1019148	1040338	526026	865235	757484
PS 38:2	43564	19772	18059	27903	23685	12567	44586	23588
PS 40:0	63336	46330	48497	43040	64209	38037	51332	69022
PS 40:1	1039816	820814	873466	691328	970908	635875	834224	1022316
PS 40:2	1273297	1179278	1193852	1129876	1316233	850546	1084842	1015139
PS 40:3	755421	833410	793835	870459	875622	308191	602704	303938
PS 40:4	69007	40073	41941	54465	48162	20405	50521	22339
PI 34:1	412955	423161	446790	351449	491320	209514	444772	507421
PI 34:2	1368921	1356533	1349573	1203373	1393904	955278	1012089	1386927
PI 34:3	89600	41558	38374	44144	40938	35463	57366	53952
PI 36:4	121514	162539	148811	141283	169785	70040	96798	64394

Rice Lipid Raw Data	GW206	GW207	GW208	GW209	GW210	GW211	GW212	GW213
DGDG 32:0	23120	8124	67379	24664	36227	33665	150893	78079
DGDG 34:1	35639	17644	30445	18707	23673	28551	81157	51827
DGDG 34:2	264147	153816	257333	171734	212349	202721	398427	372931
DGDG 36:2	32799	10580	36491	19754	37421	29544	51672	50729
DGDG 36:3	85010	38465	50107	52351	50614	46477	75782	80274
DGDG 36:4	256628	135815	166173	161012	139669	108572	166339	158300
DGDG 36:5	79498	62603	69630	41566	47381	39930	52901	43145
DGDG 36:6	78130	49760	70425	31324	28609	33012	53813	49978
MGDG 32:0	10034	15895	27839	18044	14730	13276	61589	26263
MGDG 34:0	11328	46635	37735	8214	23774	26742	100298	68692
MGDG 34:1	20821	67566	20517	9294	13245	19703	47866	41731
MGDG 34:2(1)	47854	251123	108332	51300	108785	84938	118843	117204
MGDG 34:2(2)	65097	234465	76005	51937	53686	58593	113922	70169
MGDG 36:3	40229	57655	31005	37300	40101	35653	54942	37822
MGDG 36:4	94104	139693	75755	77731	87477	82593	81399	70002
MGDG 36:5	45946	40646	39075	37125	35727	43043	38727	32707
MGDG 36:6	38158	42699	35860	25769	19562	26224	26158	27156
PC 32:0	136470	331509	245723	132788	201076	151507	393524	204807
PC 32:1	383909	964859	298692	390537	349139	281707	312623	291035
PC 32:2	195840	427475	124778	155438	160444	129058	135766	127000
PC 34:1	6574868	7941969	5717047	5641391	5551305	5434336	5760977	4606407
PC 34:2	4300009	6370435	3700304	3247007	3199010	3451738	3791167	2787019
PC 34:3(1)	69675	117462	114343	76033	39919	57250	70947	44739
PC 34:3(2)	21999	54320	41245	17371	27616	23434	66307	36174
PC 34:4	64961	164994	48018	64873	56688	46582	51675	48145
PC 36:1(1)	60539	52893	29933	37882	39885	33604	47225	35341
PC 36:1(2)	385806	514247	200238	236365	246027	213191	259308	228404
PC 36:2	6565311	7150657	5057486	5556395	5722552	4560625	6117878	4738180
PC 36:3	8133364	10200000	6783371	6360941	6291093	5997039	7300718	5295308
PC 36:4(1)	3883681	5446795	2850440	2421217	2250794	2364206	2965505	1980122
PC 36:4(2)	872293	864979	788266	782809	790919	808578	810836	692118
PC 36:5(1)	212754	320696	247944	166632	124464	109272	239430	126451
PC 36:5(2)	703860	918475	652988	582173	563183	641241	651668	491511
PC 38:2(1)	49522	72737	34642	46607	36555	50733	43131	32802
PC 38:2(2)	25714	36188	9743	23456	39973	33678	18245	14536
PC 38:3	32929	46814	21851	26680	19055	27649	26370	18335
PC 38:4(1)	31887	27460	15999	19772	20092	16024	24532	18958
PC 38:4(2)	68649	87545	34947	39870	43118	35558	45458	37182
PC38:5	838925	858399	719574	804160	798211	709254	734846	713827
PC38:6	1003154	978818	927065	880436	829868	896040	914579	786726
PE 34:1	467617	592827	426933	530111	473366	529494	509591	361789
PE 34:2	747095	971596	644268	759409	660287	813958	692720	537866
PE 34:3	9251	16299	17228	14674	5938	11721	11365	6779
PE 36:2	161898	222341	151777	224709	225282	190650	210829	150384
PE 36:3	661497	890852	567135	778352	670486	640487	635604	341145
PE 36:4	748914	959371	666045	725483	647761	683347	636881	369002
PE 36:5(1)	15924	29039	24638	22344	13869	16565	18272	11054
PE 36:5(2)	139377	159113	132440	151549	131962	157599	138511	114794
TAG 48:0	1339804	1788326	3321011	2808469	2854896	2846920	6841168	4524283

Rice Lipid Raw Data	GW206	GW207	GW208	GW209	GW210	GW211	GW212	GW213
TAG 48:1	2117866	3875178	2087977	2116082	2003496	1714519	3089740	2402609
TAG 48:2	3683237	9781867	4201977	4583722	4370784	3942219	7342116	5966220
TAG 48:3 (1)	316913	758840	299282	302219	278644	258690	435100	348552
TAG 48:3 (2)	43378	79207	50467	35658	59376	53868	63213	41979
TAG 48:4(1)	141430	226000	77456	77268	92073	70754	95323	89555
TAG 48:4(2)	27151	48507	23354	20413	32727	30153	27156	21350
TAG 50:0	917002	844039	1424098	1211181	1398266	1124106	2595863	2069737
TAG 50:1	28900000	27400000	33200000	31400000	30900000	31900000	39300000	36300000
TAG 50:2	51200000	54200000	54800000	50200000	53700000	51700000	62500000	61400000
TAG 50:3	12200000	17000000	12200000	11200000	11400000	10400000	14200000	13200000
TAG 50:4	6530937	11800000	4173818	5256839	5564623	4099411	5763389	6331267
TAG 50:5 (1)	350956	865957	309133	400734	343105	303230	367901	397868
TAG 50:5 (2)	42441	55299	26028	22791	32959	21934	28358	19895
TAG 52:0	735368	659574	857741	783515	854734	727693	1175962	1017480
TAG 52:1	13800000	11100000	11700000	11500000	12800000	11300000	14600000	14200000
TAG 52:2	56900000	54500000	58500000	55500000	54800000	56700000	57000000	56800000
TAG 52:3	82400000	84000000	81900000	79100000	80500000	79100000	82900000	82600000
TAG 52:4	81300000	83000000	78000000	70900000	76800000	74300000	81800000	80400000
TAG 52:5	14400000	18500000	16700000	14800000	14200000	14400000	17200000	17300000
TAG 52:6	479272	601653	727008	594573	526521	521367	699213	654821
TAG 54:0	296536	275149	297942	330729	325396	303673	441442	384719
TAG 54:1	7099772	5397194	5532679	6205536	5867375	6157752	6747485	6857859
TAG 54:2	27800000	22500000	22700000	22100000	24100000	23500000	25600000	25100000
TAG 54:3	61200000	57200000	58000000	55500000	56000000	52600000	61000000	55000000
TAG 54:4	77600000	76100000	72100000	72300000	80700000	68800000	77600000	74200000
TAG 54:5	91900000	86700000	79300000	73800000	79200000	72000000	79400000	74900000
TAG 54:6	55900000	56900000	43200000	40000000	48400000	38900000	46700000	45600000
TAG 54:7	9399993	10200000	7506927	6908825	7061162	6921744	7655982	8033313
TAG 54:8	446790	625578	481188	400927	363378	369175	411211	434253
TAG 56:0	101377	104446	188362	208138	185012	209423	359364	292778
TAG 56:1	2166592	1622615	1994804	2205099	2019208	2160379	2371688	2416561
TAG 56:2	11500000	9374226	10100000	11800000	11400000	11400000	11500000	12100000
TAG 56:3	14200000	11700000	12200000	13500000	11400000	13200000	13800000	12400000
TAG 56:4	10100000	9718845	7815699	8434842	6934606	8417026	8274483	7721774
TAG 58:0	26101	19836	40293	54954	52860	49339	93245	78688
TAG 58:1	2028314	1617744	1839480	2169898	1982953	2118785	2317672	2367078
TAG 58:2	5868869	4852893	5564219	6292776	5547582	6099414	6533992	6242872
TAG 58:3	3987733	3345354	3511764	4036441	3163976	3676097	3965603	3613703
TAG 58:4	4161821	3605866	3118890	3378313	2826726	3177482	3411400	3222361
TAG 58:5	394889	461834	457603	475464	324665	363575	447040	449218
TAG 60:1	607954	457768	494182	692375	696347	619560	722151	720415
TAG 60:2	4438616	3335232	3956483	4825359	5033815	4297864	4824580	4960554
TAG 60:3	5086774	4219257	4164266	4738811	4209327	4216909	4653236	4410621
TAG 60:4	5046842	4694048	3642528	4182290	3778289	4136451	4019687	3907597
TAG 60:5	450539	509079	532666	602068	414520	478549	503938	526379
TAG 60:6	17247	29442	41810	30654	18432	16689	26855	27583
DAG 34:1	43164	36724	87606	103296	124015	63246	62202	71358
DAG 34:2	74365	91351	190606	219159	342826	127687	116580	124604
DAG 36:2	131802	85356	182532	249977	284354	166109	142807	183942

Rice Lipid Raw Data	GW206	GW207	GW208	GW209	GW210	GW211	GW212	GW213
DAG 36:3	167732	190440	310196	342616	429965	122280	215812	154254
DAG 36:4	214166	333199	310193	299920	428751	128484	199350	138047
DAG 36:5	26242	50710	47114	50785	49118	25016	36391	26416
Lyso-MGDG 16:0	261793	843917	323902	237459	348167	241632	447507	358189
Lyso-MGDG 18:0	18049	31260	19223	7890	19553	12673	40412	31385
Lyso-MGDG 18:1	19989	27915	14728	15038	9892	10594	20260	15338
Lyso-MGDG 18:2	73600	106748	104684	81154	114219	57657	73028	62134
Lyso-DGDG 16:0	65533	18071	94138	62409	105401	62127	140074	99136
Lyso-DGDG 18:1	35267	1811	26077	20182	26520	21639	34973	33981
Lyso-DGDG 18:2	139614	12701	125234	86488	186757	81015	92523	108103
Lyso-PC 16:0	4736160	5601502	5164251	5051691	5975144	5242243	4643282	3222218
Lyso-PC 16:3	91309	90834	63661	97840	87208	66267	54529	54067
Lyso-PC 18:0	307486	336477	343780	216569	327239	247199	411546	277766
Lyso-PC 18:1	1521277	725923	540783	612387	563356	597698	542896	478035
Lyso-PC 18:2	2721855	822440	2653761	2886917	3050276	2643725	1734571	1705991
Lyso-PC 18:3	910034	1007554	942608	943868	1028715	990550	903182	670134
Lyso-PE 16:0	300928	328313	331927	364881	430105	288097	298580	195228
Lyso-PE 18:0	10981	36994	7586	6514	7932	2877	7334	7457
Lyso-PE 18:1	67656	27805	41406	54116	45220	44200	40039	28726
Lyso-PE 18:2	243319	41089	292547	363704	310196	250840	186438	152719
Lyso-PE 18:3	63184	67162	70681	75721	81146	63829	63825	45200
SQDG 32:0	162988	97077	57101	86883	64365	79496	74020	153744
SQDG 34:2	29177	32374	29103	25076	14987	14171	25956	37029
PG 32:0	62222	48956	36247	138203	74144	88162	74435	213234
PG 34:1	97339	105299	98149	78906	74056	66382	65679	95693
PG 34:2	137041	146747	124471	109108	107869	90124	99088	119145
PG 36:3	25226	32958	32271	17149	25023	17835	17022	24936
PS 36:0	79672	86213	147460	60854	83765	79391	60258	66219
PS 36:1	31763	39516	85538	25319	29617	31653	24191	26893
PS 38:0	1035194	1073984	1171632	940573	966344	878116	908643	967190
PS 38:1	766063	789412	1060900	676031	454389	471861	537295	621650
PS 38:2	28103	15091	23187	22820	14681	7546	10779	13696
PS 40:0	60989	75078	77418	39627	47220	50687	41545	50619
PS 40:1	932028	952524	925955	806827	880741	842490	735932	893501
PS 40:2	1078407	1158836	1305274	1002850	993321	942399	914270	1049505
PS 40:3	391159	644106	863959	367852	332437	311665	320836	372871
PS 40:4	35782	28692	39780	32984	22693	18903	16771	28272
PI 34:1	355340	359019	394271	276884	341898	375206	350154	334144
PI 34:2	1114180	1152332	992106	641553	1148625	1289561	1282493	1237650
PI 34:3	48365	36192	32568	39054	38377	37851	48415	42710
PI 36:4	80786	125008	106398	57433	110244	142523	117282	112135

Rice Lipid Raw Data	GW214	GW215	GW216	GW217	GW218	GW219	GW220	GW222
DGDG 32:0	35404	79843	60474	12473	8021	15374	14707	42325
DGDG 34:1	25632	46333	45002	17070	12023	26275	20380	24913
DGDG 34:2	208623	290081	279133	120020	106586	161059	94831	187675
DGDG 36:2	24120	52768	37571	15907	16017	24669	27531	25989
DGDG 36:3	61747	49578	54925	50085	29385	69476	50534	58897
DGDG 36:4	90935	114431	149281	158734	148218	193684	91022	133980
DGDG 36:5	28762	41859	45662	74141	48582	63882	51031	66545
DGDG 36:6	19585	47402	45177	55863	31823	46045	53763	49081
MGDG 32:0	17452	33296	19315	5987	5413	11328	12034	22362
MGDG 34:0	29881	45436	45117	7540	12584	19505	15309	47069
MGDG 34:1	14758	21228	17203	6357	12853	17672	4886	13488
MGDG 34:2(1)	95348	91203	81254	27754	76572	66184	20418	87073
MGDG 34:2(2)	64095	88303	56770	23061	30081	42176	24700	69453
MGDG 36:3	45824	36147	28126	21881	22678	38771	23741	46656
MGDG 36:4	51606	67975	61307	69565	74113	91937	51850	80930
MGDG 36:5	31053	32177	35550	48998	27354	45019	37363	52879
MGDG 36:6	18492	30128	26179	29023	21129	26716	33410	32894
PC 32:0	246482	174897	142461	187429	276903	164461	134193	246509
PC 32:1	376538	277176	246593	388723	401090	355858	292641	253745
PC 32:2	160832	115823	113900	214194	280486	164236	131305	110624
PC 34:1	5862077	4946011	4701827	5580334	5774622	5729008	5141544	6203748
PC 34:2	3497935	3071144	3120740	4292387	5883172	3942380	3253308	3845426
PC 34:3(1)	58231	108902	66962	81880	77018	52511	81866	74737
PC 34:3(2)	41884	30458	22187	32831	47945	26091	23414	42052
PC 34:4	63443	46098	39839	68051	68374	60467	49215	41372
PC 36:1(1)	39220	35302	47720	31973	40067	58498	44293	32094
PC 36:1(2)	230669	231285	196662	262098	309495	304880	277422	262876
PC 36:2	5482874	4634064	4223781	5131927	4672671	5139193	4628463	5498765
PC 36:3	6434056	5196831	5420954	6990251	8028372	7144125	5076590	7015744
PC 36:4(1)	2405833	2099359	2180912	3622843	5687651	3533191	2187891	2834218
PC 36:4(2)	866705	735052	761750	850008	831582	797278	803970	824150
PC 36:5(1)	129784	222439	149553	193615	267231	174887	153367	165754
PC 36:5(2)	621651	561119	564957	742423	869178	672571	596788	659162
PC 38:2(1)	58211	38749	43884	50236	56658	48222	31821	44462
PC 38:2(2)	40849	16314	16080	24381	45413	20589	15439	15378
PC 38:3	29629	19144	25108	42294	47361	31721	19115	24001
PC 38:4(1)	18919	17407	22874	16098	19621	29131	22384	15229
PC 38:4(2)	40452	40691	33617	45405	55285	52500	47296	46052
PC38:5	763192	705449	642178	783939	747806	758479	717987	746594
PC38:6	883972	811904	800032	919929	966640	893101	763088	862902
PE 34:1	575771	451795	482426	420395	562188	615082	416908	681393
PE 34:2	733847	555919	680719	694093	928284	842740	559032	831759
PE 34:3	10267	16226	12933	11519	10543	10588	13685	14753
PE 36:2	264567	190546	182125	133101	186151	197106	174608	260062
PE 36:3	817429	470736	479445	373370	769500	768043	494329	870363
PE 36:4	720206	463575	557009	618353	881756	796370	492337	720166
PE 36:5(1)	17835	21382	16426	14916	23405	19569	15023	21572
PE 36:5(2)	147157	120913	138252	145269	158313	157419	121441	159244
TAG 48:0	2995882	3460628	2932823	1093341	1164614	1578949	1904765	3331297

Rice Lipid Raw Data	GW214	GW215	GW216	GW217	GW218	GW219	GW220	GW222
TAG 48:1	2297430	1987360	1709544	2310303	2127478	2554708	2031990	1712277
TAG 48:2	5112597	3860369	3816127	4680778	5377833	4983449	3344683	3881943
TAG 48:3 (1)	298880	224415	210933	304557	338637	365192	221091	201048
TAG 48:3 (2)	35098	31070	36912	50822	58361	62188	33121	47844
TAG 48:4(1)	76692	57016	78594	163572	173212	149627	78416	68930
TAG 48:4(2)	19761	13465	21903	30702	49439	30029	19681	23708
TAG 50:0	1088864	1699906	1210186	581210	576009	856460	1149103	1472787
TAG 50:1	33000000	30400000	31100000	24700000	22700000	30300000	27000000	31900000
TAG 50:2	55100000	48700000	51500000	43900000	48900000	54400000	42000000	54700000
TAG 50:3	11800000	10600000	9845894	12600000	12900000	13000000	8723168	10000000
TAG 50:4	4961904	3836922	4989953	7989368	8519727	7642094	4644510	4505237
TAG 50:5 (1)	350470	250341	306171	371884	436186	412961	251915	237418
TAG 50:5 (2)	20644	14274	20201	47803	54773	47625	22177	26529
TAG 52:0	703015	878481	697700	434859	447204	598578	751764	751522
TAG 52:1	10700000	11600000	10800000	9842237	9513712	13500000	13600000	13000000
TAG 52:2	59500000	52700000	54000000	50800000	50400000	57100000	55300000	56500000
TAG 52:3	82600000	72900000	74800000	78300000	75700000	81000000	74800000	81800000
TAG 52:4	69700000	66900000	72900000	74300000	80700000	80800000	60800000	80300000
TAG 52:5	15200000	13200000	14500000	11900000	16200000	16100000	10100000	15300000
TAG 52:6	516965	598577	611861	390857	491357	547949	363180	532671
TAG 54:0	297158	320756	270933	200858	193702	246729	292024	282757
TAG 54:1	6317128	5533315	5027077	5072841	4772152	6919401	6246244	6057013
TAG 54:2	23200000	21200000	19500000	22000000	19800000	25900000	23500000	23700000
TAG 54:3	57100000	53000000	53700000	54200000	53000000	55400000	53000000	57500000
TAG 54:4	75000000	68800000	70400000	76500000	72800000	76100000	69800000	73500000
TAG 54:5	74200000	66700000	69600000	80300000	85600000	88000000	67400000	82400000
TAG 54:6	37900000	36500000	43100000	54500000	67000000	58700000	37800000	47000000
TAG 54:7	6579553	6173172	7916473	8394995	11100000	9730217	5033907	7384619
TAG 54:8	362783	388442	459125	374687	469334	423585	258074	399581
TAG 56:0	218053	210796	197375	71881	88348	120409	145356	209671
TAG 56:1	2127734	1742747	1804611	1519589	1543210	2264659	1910734	1994266
TAG 56:2	11500000	9716314	8990078	8472876	9197559	11400000	10100000	10700000
TAG 56:3	14000000	10200000	11000000	12100000	12600000	15000000	10500000	12800000
TAG 56:4	8354408	6458202	7208579	9291143	11700000	10400000	6311829	7564705
TAG 58:0	47343	57104	56372	14830	18927	30820	45857	54925
TAG 58:1	2179711	1755740	1961518	1383962	1504285	2197165	1749284	1868373
TAG 58:2	6060503	4892239	5297510	4324718	5185218	5980504	4403295	5606057
TAG 58:3	4121775	2902978	3152099	3406235	3854001	4263689	2583190	3546744
TAG 58:4	3311843	2440791	2843360	3258676	4568393	4254878	2316269	3375625
TAG 58:5	404937	332304	385561	400293	427679	398662	237451	396711
TAG 60:1	617421	545291	649256	361072	364645	666453	601473	540556
TAG 60:2	4868702	3952739	4470735	2889875	3207816	4616527	3691421	4246683
TAG 60:3	4788573	3672122	3823920	3905331	4511006	5231302	3274342	3991099
TAG 60:4	4011674	3245088	3973401	3895131	5617884	5311999	2903331	3679334
TAG 60:5	536777	392153	436217	290456	444879	481085	284960	391785
TAG 60:6	20127	25269	24381	21526	22771	19033	11313	28526
DAG 34:1	102530	71956	83260	29267	54943	79965	69521	86551
DAG 34:2	263308	100777	150819	50831	115505	147102	107375	172251
DAG 36:2	254567	148859	200280	53187	114157	214242	182056	215690

Rice Lipid Raw Data	GW214	GW215	GW216	GW217	GW218	GW219	GW220	GW222
DAG 36:3	327835	255455	240713	87630	307689	317632	232812	291691
DAG 36:4	205233	318319	233280	139105	643866	394938	192126	220085
DAG 36:5	37874	50363	42579	19528	61764	37145	32914	35159
Lyso-MGDG 16:0	237805	202385	217518	146072	368128	263441	167186	265189
Lyso-MGDG 18:0	11048	21829	26292	7453	21876	14673	18223	21461
Lyso-MGDG 18:1	8723	17133	9762	7320	4396	14750	4727	6034
Lyso-MGDG 18:2	42076	92670	40501	28754	23957	69537	19523	30818
Lyso-DGDG 16:0	50412	86840	62558	24280	31576	60492	24772	42462
Lyso-DGDG 18:1	26644	21125	15096	14487	8348	32449	11549	10070
Lyso-DGDG 18:2	77053	96898	61548	37473	42500	104590	33089	32535
Lyso-PC 16:0	5531939	3912785	3224424	3664849	7231528	5843069	3485319	3304973
Lyso-PC 16:3	72539	55841	58813	97350	152337	131941	78139	47054
Lyso-PC 18:0	314730	296232	254080	227311	429249	387970	316521	309158
Lyso-PC 18:1	647650	459858	467422	735059	1524914	1611721	830360	461104
Lyso-PC 18:2	1971114	1919917	1918482	2062390	3795441	2713762	2358765	1377594
Lyso-PC 18:3	986656	803168	685455	760899	1132770	1040797	733056	696209
Lyso-PE 16:0	334099	301700	299493	244794	647496	473315	299034	313352
Lyso-PE 18:0	4101	4828	4727	8871	21494	13676	5124	5279
Lyso-PE 18:1	66285	38410	44229	46837	73096	91798	61293	41531
Lyso-PE 18:2	252904	219314	245162	162317	334339	301785	217200	178451
Lyso-PE 18:3	69995	67130	68034	59149	121186	93833	67338	71641
SQDG 32:0	147177	92253	90761	107266	56756	67036	72373	69660
SQDG 34:2	25836	25357	25617	22903	21361	19839	26163	9719
PG 32:0	120492	80907	80964	71444	64139	59743	62837	50877
PG 34:1	61231	95851	73083	59884	74730	79434	95184	75188
PG 34:2	89803	127861	86507	87433	101240	124990	130129	86544
PG 36:3	16250	36560	15818	14895	19915	31932	31229	17340
PS 36:0	59877	92076	58784	54681	83251	89137	75290	63246
PS 36:1	25412	42387	23729	22787	46108	62005	33802	27148
PS 38:0	837376	1161209	909685	879774	926787	980366	1000075	882181
PS 38:1	399326	980376	432468	428855	809478	947511	647931	423222
PS 38:2	8652	22577	20924	13149	17142	15890	10152	16932
PS 40:0	45637	74300	50231	39339	59073	64584	62164	56279
PS 40:1	758513	998255	781691	694749	800691	754493	857062	730195
PS 40:2	867134	1277257	894743	890343	1018471	1189400	1080156	869499
PS 40:3	262497	738884	290248	302280	494375	880950	462132	288997
PS 40:4	17086	32832	32146	22316	28407	39369	25171	23991
PI 34:1	213218	291096	272053	314957	383408	411926	430556	399212
PI 34:2	673150	642883	615381	1209299	1191170	1453684	1371460	1152503
PI 34:3	27605	28230	37675	47014	37376	36089	38069	48651
PI 36:4	70985	88411	59895	112641	109567	175267	147240	92697

Rice Lipid Raw Data	GW223	GW224	GW225	GW226	GW227	GW228	GW230	GW232
DGDG 32:0	33608	81632	22394	33620	55962	26492	27037	29530
DGDG 34:1	25789	49032	28446	20068	28863	14057	22359	14234
DGDG 34:2	200715	250532	169676	146850	237943	152607	161163	92698
DGDG 36:2	27073	33866	29819	18100	35433	30723	34471	15517
DGDG 36:3	58425	62449	46703	41531	53186	27957	47042	32197
DGDG 36:4	140210	107787	123189	102781	133250	132740	118615	55788
DGDG 36:5	77252	49845	55723	32944	52957	46315	48228	23185
DGDG 36:6	91255	61971	63853	24937	46106	43497	43614	19904
MGDG 32:0	13094	19492	14232	19022	26442	11440	17689	14944
MGDG 34:0	11221	54762	19055	30252	39217	40763	45617	41214
MGDG 34:1	9693	46462	10427	9200	8970	6351	10845	9417
MGDG 34:2(1)	64694	123657	62405	71785	80292	94671	85606	86209
MGDG 34:2(2)	35997	47755	48725	43901	62776	45215	50370	31206
MGDG 36:3	24549	28674	18574	27682	29783	18843	32623	15877
MGDG 36:4	73828	59152	58396	50933	72529	77606	76056	31787
MGDG 36:5	50267	32696	29074	20542	46779	40662	44221	16129
MGDG 36:6	43246	30428	27422	16044	29892	33569	37832	20623
PC 32:0	154861	179036	140556	221210	178955	221392	201682	283287
PC 32:1	258722	229382	227362	254863	290100	218631	270181	208154
PC 32:2	95482	95958	117426	118085	109874	127740	119182	96395
PC 34:1	6360143	4371209	4366446	5410151	6128646	4840339	5718643	4993380
PC 34:2	3278071	2471148	3345823	3703592	3309711	3988462	3736956	3242001
PC 34:3(1)	68720	57680	88339	67081	59086	59674	105401	43821
PC 34:3(2)	26126	30666	24126	37558	29779	37233	33904	50705
PC 34:4	42701	38159	35586	40060	47177	35653	43420	32831
PC 36:1(1)	40145	33673	42677	37346	30863	32918	44872	33899
PC 36:1(2)	252374	179281	177900	262586	221277	199299	250180	241835
PC 36:2	6233719	3861006	3441108	5909433	6002872	3413726	4868682	5170792
PC 36:3	6096795	4298566	4617506	6545614	6052046	5674973	5538157	5747617
PC 36:4(1)	1982560	1796879	2413980	3145409	2084201	3188321	2231480	2233214
PC 36:4(2)	860269	697945	719978	742630	794392	749409	811463	750766
PC 36:5(1)	107296	96816	165448	232664	145646	156672	154729	98964
PC 36:5(2)	593448	464688	601932	636530	596719	690207	652750	591178
PC 38:2(1)	37996	26940	25806	49608	43357	28093	39103	35645
PC 38:2(2)	8462	8924	15581	39176	17472	19618	23369	11405
PC 38:3	20970	17324	19586	33422	22890	22406	20402	19584
PC 38:4(1)	19761	17170	21476	18357	14523	15359	21396	16491
PC 38:4(2)	44502	30594	32273	44354	37752	33121	43815	41182
PC38:5	789996	569829	582988	793851	803592	581265	689089	707530
PC38:6	837468	704609	746079	854275	867183	832342	806101	801947
PE 34:1	667839	364071	350841	602691	548584	442695	641998	640943
PE 34:2	941112	661144	607900	700921	696375	736372	833231	653932
PE 34:3	16365	10073	12560	12595	10791	10853	23374	8603
PE 36:2	222523	144717	153991	278968	203324	137355	248521	304014
PE 36:3	556968	312448	346589	710578	587825	532989	710556	749503
PE 36:4	420069	377183	388478	556826	452996	698764	648903	529938
PE 36:5(1)	12619	12216	17918	20592	14393	17852	23946	11542
PE 36:5(2)	176231	131176	126808	142793	138470	150834	166501	138473
TAG 48:0	1906435	3959861	3058140	3286579	3770167	1815124	2717714	3297445

Rice Lipid Raw Data	GW223	GW224	GW225	GW226	GW227	GW228	GW230	GW232
TAG 48:1	1260146	1805858	2108729	1843168	2032483	1479563	2249255	1841822
TAG 48:2	2109800	3951242	4493776	3355584	4202780	3440755	4132254	3544648
TAG 48:3 (1)	154675	235470	240211	253868	264945	211031	284741	158976
TAG 48:3 (2)	28800	43566	40670	55821	33088	19884	52047	23181
TAG 48:4(1)	60852	65735	95067	94897	68379	93190	88068	56521
TAG 48:4(2)	18111	23842	26425	25953	19629	24364	29424	6986
TAG 50:0	881311	1701212	1425151	1271977	1522060	785461	1270472	1417585
TAG 50:1	28900000	31900000	34000000	35200000	33800000	26800000	33500000	33500000
TAG 50:2	46700000	50900000	57100000	55200000	56000000	53900000	51300000	53800000
TAG 50:3	8289117	9701702	10200000	10500000	11300000	10500000	11000000	8498773
TAG 50:4	3131171	3786893	5316048	3693727	4247420	4976980	4955670	3619651
TAG 50:5 (1)	171079	259552	321708	248783	298913	259730	318829	169203
TAG 50:5 (2)	18172	14351	20695	24153	16738	18635	25719	11136
TAG 52:0	565271	886470	878057	744477	876723	539334	837510	713869
TAG 52:1	11700000	11900000	13900000	13300000	13100000	9435862	12800000	12500000
TAG 52:2	55100000	56200000	56600000	57600000	58700000	52000000	57400000	58500000
TAG 52:3	81200000	75300000	75300000	79100000	81400000	79500000	78900000	78400000
TAG 52:4	71800000	67700000	71000000	73900000	77000000	82100000	72600000	70600000
TAG 52:5	11600000	13000000	13000000	15800000	15300000	16400000	14600000	9469458
TAG 52:6	497290	552832	603094	582892	601010	592963	556375	243383
TAG 54:0	221404	347395	327779	296984	323381	232071	318528	284981
TAG 54:1	5056504	5780209	6636768	6866827	7408066	4588350	7072503	5163519
TAG 54:2	24500000	21600000	23600000	24700000	24200000	18400000	24900000	22700000
TAG 54:3	55900000	54900000	54600000	57600000	57900000	51700000	55400000	61200000
TAG 54:4	74600000	68200000	67600000	77400000	72900000	71400000	73900000	72200000
TAG 54:5	78100000	67900000	65800000	76600000	72600000	78200000	75000000	67500000
TAG 54:6	43500000	34800000	42100000	42800000	41600000	54200000	44000000	33700000
TAG 54:7	6016446	5702693	5972042	6989253	6740067	8861974	7159213	3784772
TAG 54:8	315217	366491	303007	345155	331472	405999	387432	134025
TAG 56:0	136240	229683	194450	205503	254630	118651	175818	208504
TAG 56:1	1667383	2173174	2194121	2396786	2561313	1534335	2325560	1701212
TAG 56:2	9895670	10800000	10300000	11900000	12800000	8428363	11800000	9150509
TAG 56:3	11700000	11800000	10300000	13000000	14700000	10400000	13000000	9938153
TAG 56:4	6155160	6500530	7540478	7254937	7085547	9387010	7954404	5102419
TAG 58:0	32471	59675	52460	52361	63144	24007	49953	49538
TAG 58:1	1679172	1935865	1929851	2258229	2488651	1452576	2113296	1644135
TAG 58:2	5105466	5629888	5240945	6507613	7132549	5031991	5889650	4612801
TAG 58:3	3243666	3035016	2911521	3619013	3939197	3067030	3317102	2486801
TAG 58:4	2667824	2486918	2993238	3148984	3275838	3613704	3356898	2108695
TAG 58:5	284070	323946	313052	383054	394289	390134	388222	262068
TAG 60:1	469195	545353	615040	669386	748962	362666	628165	524753
TAG 60:2	4089477	4116226	3695140	5143570	5427220	3159559	4504197	3716094
TAG 60:3	3778911	3459182	3236025	4302249	4597670	3617854	4106336	3040828
TAG 60:4	3504542	2988130	3474142	3883506	3901207	4517129	3957983	2548471
TAG 60:5	347417	377981	322488	450322	451785	405457	450324	162472
TAG 60:6	13805	21306	14861	20907	22037	17250	21229	9156
DAG 34:1	56577	62751	61272	118252	58863	92464	87728	65848
DAG 34:2	130795	111202	105251	323200	80952	284064	172327	96322
DAG 36:2	175869	158725	114927	256730	146449	173635	203461	152679

Rice Lipid Raw Data	GW223	GW224	GW225	GW226	GW227	GW228	GW230	GW232
DAG 36:3	128070	155562	83515	459986	232131	305223	210892	147966
DAG 36:4	124707	137292	131220	441211	187235	490487	177839	134522
DAG 36:5	20230	31072	23424	54237	40571	52827	32392	21183
Lyso-MGDG 16:0	238680	374034	235606	318044	254967	277195	294590	245031
Lyso-MGDG 18:0	13559	29590	17724	26656	17932	22941	28428	22640
Lyso-MGDG 18:1	8568	14919	4812	4612	6564	4245	7589	2762
Lyso-MGDG 18:2	40649	50597	28737	35059	45248	38327	44156	23111
Lyso-DGDG 16:0	51902	92692	43368	46508	67237	45391	52000	25466
Lyso-DGDG 18:1	18497	28136	13324	10030	14772	10384	16866	6445
Lyso-DGDG 18:2	71270	80501	50577	47984	71052	63306	64008	25907
Lyso-PC 16:0	3648222	3958659	2593506	4821849	3239679	4233314	4861209	3472901
Lyso-PC 16:3	35473	51347	50530	58475	44584	53468	83090	53948
Lyso-PC 18:0	249248	261789	189042	329262	235032	348379	387745	277616
Lyso-PC 18:1	1404991	548982	401068	513705	395476	682018	984726	523873
Lyso-PC 18:2	1740781	1666029	1406985	2397337	1600948	2299944	2671323	1844249
Lyso-PC 18:3	763773	805748	568987	926573	693528	846817	926640	726333
Lyso-PE 16:0	371356	263938	204507	345554	221576	337883	387221	308155
Lyso-PE 18:0	2590	5095	5341	3131	2598	3961	5207	5380
Lyso-PE 18:1	87762	37649	28079	41175	24689	61353	83600	41072
Lyso-PE 18:2	241955	173071	135099	256132	170881	268922	314576	194011
Lyso-PE 18:3	77250	62312	46474	76119	51865	74502	80290	68107
SQDG 32:0	40937	106065	93734	70865	161493	169531	34990	60883
SQDG 34:2	10217	10365	28003	30430	18897	32693	0	2987
PG 32:0	94724	83775	100161	56152	98238	98231	93327	71953
PG 34:1	81356	91955	63713	80108	94792	89390	66455	83711
PG 34:2	108300	124295	107234	120931	106390	109590	114214	105249
PG 36:3	21079	21366	13998	18146	31557	23724	16354	18564
PS 36:0	54835	57363	48240	44672	53485	62636	48585	59648
PS 36:1	23006	17938	18657	24221	22575	21431	27018	23237
PS 38:0	991900	1071837	802235	753775	968391	1004073	863024	958904
PS 38:1	737868	430396	382844	479266	553734	463582	574912	583032
PS 38:2	14866	13152	10598	15752	14417	11576	12264	21018
PS 40:0	52459	50831	34977	36592	54015	46068	40540	52482
PS 40:1	859896	964268	665056	575874	915635	942757	627756	818678
PS 40:2	993780	949660	751689	826392	1026160	1023712	950247	896459
PS 40:3	370370	256418	240103	322849	400397	275904	392625	304018
PS 40:4	26029	16370	15101	27753	33641	22689	25692	23732
PI 34:1	406043	267817	253647	325659	298761	294847	287794	391606
PI 34:2	1228548	577661	1094562	1243084	710098	810516	892023	1040672
PI 34:3	48117	24285	45476	54407	32612	39385	29562	41486
PI 36:4	113516	40547	79631	109229	113227	88551	84621	68619

Rice Lipid Raw Data	GW233	GW234	GW235	GW236	GW237	GW238	GW239	GW240
DGDG 32:0	15202	39738	26281	10951	9989	18983	28561	24914
DGDG 34:1	20192	23146	24453	14680	16451	15567	24814	16504
DGDG 34:2	162879	133468	191932	112645	110187	128489	195445	151361
DGDG 36:2	17945	31249	26955	22754	13907	27874	29440	22925
DGDG 36:3	52011	31761	50437	27845	58027	38034	44066	47137
DGDG 36:4	184264	79696	138738	89611	172359	114804	121532	137750
DGDG 36:5	64016	38619	58935	24197	68310	28766	35207	35703
DGDG 36:6	38491	39390	57086	12697	51360	23872	33260	24474
MGDG 32:0	5227	23105	14697	8171	9117	10183	14731	14479
MGDG 34:0	9392	74222	27551	13957	6527	34336	28531	34021
MGDG 34:1	17058	22960	19261	3908	3655	12944	15681	12495
MGDG 34:2(1)	62389	108357	119122	44233	14726	79993	104253	94165
MGDG 34:2(2)	31243	50308	48098	23286	29528	38450	69809	52505
MGDG 36:3	33807	22953	32813	17251	35118	17477	28426	31330
MGDG 36:4	82182	55144	77233	48221	96915	47865	73419	65167
MGDG 36:5	37583	27134	52519	13639	54684	15717	29139	30583
MGDG 36:6	21183	25936	52072	8904	31225	12976	18500	16232
PC 32:0	228250	232625	194794	272660	110626	185484	168377	136810
PC 32:1	331240	410474	348582	275807	399242	213608	236432	244897
PC 32:2	204297	191773	137703	175071	170015	99947	108295	89649
PC 34:1	5935999	5901071	7381176	5302261	6292945	5181214	5028370	5586727
PC 34:2	5422169	3674612	3948142	4447394	3789383	3454389	3222710	2648596
PC 34:3(1)	96248	71490	93032	100188	75689	83503	63928	46477
PC 34:3(2)	40157	41226	29922	46682	16179	31484	29354	23239
PC 34:4	54908	67995	57814	45180	67810	35788	37867	38189
PC 36:1(1)	45412	32565	41954	62203	60539	41841	37492	35513
PC 36:1(2)	231029	287519	249803	193327	292326	261622	185417	196275
PC 36:2	5053605	5705870	6855539	4461779	5642102	5617579	4428604	5604682
PC 36:3	7951758	6625173	7847767	6811353	7290729	6070067	5165943	6492364
PC 36:4(1)	4934810	2717494	2786280	3265871	3261454	2704589	2132418	2118671
PC 36:4(2)	802607	802089	887026	763282	846110	706808	755206	783588
PC 36:5(1)	258912	160445	160268	189363	189058	154423	109211	126800
PC 36:5(2)	835287	632195	677633	732840	677506	620804	585826	488135
PC 38:2(1)	55254	46019	55981	43830	50665	43260	37180	42784
PC 38:2(2)	32331	27930	21912	28845	20271	21174	17388	23330
PC 38:3	47112	24316	24870	34314	30627	25668	23240	23527
PC 38:4(1)	21984	16797	20455	31366	29840	20801	19017	18579
PC 38:4(2)	39876	50701	44967	33133	51965	45616	31244	33558
PC38:5	770059	744229	884498	707945	797895	812861	662584	766191
PC38:6	923648	922149	954721	879793	878258	851382	772209	854845
PE 34:1	532829	623143	747645	500147	485699	600345	469795	495574
PE 34:2	906457	798497	870806	736947	793080	718998	634620	580641
PE 34:3	14583	15555	19702	18180	13427	14810	10263	8108
PE 36:2	178468	285814	293614	242142	172669	301271	195800	225301
PE 36:3	684258	827837	912763	798927	666322	791882	580120	690542
PE 36:4	859452	693262	756992	719124	783487	610558	505230	554963
PE 36:5(1)	26640	23829	24372	24177	23408	20286	12223	14382
PE 36:5(2)	165984	152972	170410	150040	152940	150121	130515	119239
TAG 48:0	1247530	3906700	3490473	2230915	1283182	2398307	3012105	2808780

Rice Lipid Raw Data	GW233	GW234	GW235	GW236	GW237	GW238	GW239	GW240
TAG 48:1	1997636	3670255	2342049	1663936	2493818	1479381	1784192	1663451
TAG 48:2	3877047	7158521	4172898	3816294	4052111	2653695	3560886	2559634
TAG 48:3 (1)	275651	418607	250782	223248	415586	177657	196993	184438
TAG 48:3 (2)	48606	53572	53326	36963	69851	39149	16339	31656
TAG 48:4(1)	134579	128502	83291	74624	164838	62217	52533	48572
TAG 48:4(2)	39689	37272	24073	27956	33320	21920	10995	15967
TAG 50:0	560216	1845349	1293066	892400	766997	1206582	1204450	1119208
TAG 50:1	27100000	37300000	37700000	30500000	29500000	31200000	33000000	33800000
TAG 50:2	51700000	57200000	60800000	52200000	48500000	52200000	54500000	49900000
TAG 50:3	11700000	14400000	11900000	9860495	13300000	9353476	10100000	9404055
TAG 50:4	6061494	8217761	5686181	4626834	7108739	3108290	3798230	2476101
TAG 50:5 (1)	325151	477572	325445	341542	598963	196254	212479	183807
TAG 50:5 (2)	47129	24374	24825	29002	71101	20554	8637	16967
TAG 52:0	426414	1018121	747924	589261	630142	756276	745563	717442
TAG 52:1	9250165	15200000	14000000	10400000	14400000	13300000	11700000	11400000
TAG 52:2	55000000	59500000	59200000	55800000	56800000	58300000	56100000	58700000
TAG 52:3	86200000	82000000	82700000	77700000	83000000	78500000	78200000	80100000
TAG 52:4	83300000	77500000	82100000	75100000	78800000	70700000	70800000	68600000
TAG 52:5	15000000	15500000	17300000	15500000	18000000	13500000	12000000	12800000
TAG 52:6	489372	598621	583904	590968	801975	520150	417340	484958
TAG 54:0	202214	369135	304783	252805	286766	300306	305542	290959
TAG 54:1	4627900	7057288	7002246	4667441	8058286	6999704	5795455	6194067
TAG 54:2	20300000	26100000	25400000	19600000	27100000	25800000	22300000	21900000
TAG 54:3	56700000	54300000	58000000	52400000	57000000	56200000	52800000	55700000
TAG 54:4	78800000	72900000	77700000	69300000	78300000	72400000	68200000	72700000
TAG 54:5	87000000	73000000	85100000	68400000	91800000	70000000	67100000	70000000
TAG 54:6	61900000	43100000	48800000	45800000	57800000	41700000	36500000	34700000
TAG 54:7	10400000	7265954	8524447	8120465	13300000	6166761	4982523	5193596
TAG 54:8	463640	390306	441392	439464	876348	316174	203233	275873
TAG 56:0	81057	248498	221932	149430	124576	164245	201840	184083
TAG 56:1	1359571	2321749	2573884	1620979	2626838	2310794	2186489	2032851
TAG 56:2	8449642	11000000	13200000	8537465	13300000	12400000	10600000	11300000
TAG 56:3	12800000	11900000	15100000	10500000	16400000	12500000	10700000	12500000
TAG 56:4	9693118	7027536	7388097	7138121	11200000	7422221	7538612	7161112
TAG 58:0	16432	66949	55020	26766	34877	43335	44320	46802
TAG 58:1	1344920	2213684	2493180	1617152	2343321	2095901	2030172	1934852
TAG 58:2	4549501	5894785	6769977	4986511	6298776	6235080	5970618	5574182
TAG 58:3	3319372	3173630	4021229	2968030	4490378	3609822	3440759	3322875
TAG 58:4	3593978	2976798	3401802	2837102	4604446	3164786	3090001	2622414
TAG 58:5	436173	385097	434872	410711	539686	410718	348070	356500
TAG 60:1	333055	745102	797728	410131	760865	679497	565665	554720
TAG 60:2	2905361	4482644	5795465	3480301	5169095	5047636	4206707	4198836
TAG 60:3	4074895	3888457	4818452	3528609	5644472	4250255	3844063	3764269
TAG 60:4	4353327	3556713	4183984	3621400	5792245	3741993	3600824	3216141
TAG 60:5	339772	425894	485208	443080	702950	435841	373611	387657
TAG 60:6	25304	23191	19711	26957	30662	28580	16604	19854
DAG 34:1	31410	75730	96014	88134	48475	85437	74861	70339
DAG 34:2	42717	138900	160365	191068	70637	149388	166863	107950
DAG 36:2	44185	187292	249729	202080	133574	216885	188729	159681

Rice Lipid Raw Data	GW233	GW234	GW235	GW236	GW237	GW238	GW239	GW240
DAG 36:3	107294	150451	283134	285242	246099	251790	171981	223521
DAG 36:4	211055	159425	212655	370921	363542	182956	171110	162130
DAG 36:5	27509	30346	35965	53930	58033	35084	25136	32338
Lyso-MGDG 16:0	224497	329266	300143	264033	178992	296741	285000	241340
Lyso-MGDG 18:0	9518	42028	21160	14026	12093	29825	21374	20128
Lyso-MGDG 18:1	11731	5653	6394	3150	6122	7901	7977	4204
Lyso-MGDG 18:2	48986	29401	30532	39291	40439	51665	55314	31139
Lyso-DGDG 16:0	36687	36305	38616	34113	29272	61471	59530	36787
Lyso-DGDG 18:1	20504	10360	11388	9748	17724	19883	16454	10111
Lyso-DGDG 18:2	73312	33098	35395	54246	70578	90080	80489	55102
Lyso-PC 16:0	5022606	4166063	4183949	4763827	4423066	4171209	4728243	3205505
Lyso-PC 16:3	98776	86376	65147	93952	121125	43331	69636	39956
Lyso-PC 18:0	237926	413558	263316	258750	292095	326425	286972	253807
Lyso-PC 18:1	1317492	544087	548207	529193	1424036	540381	954197	447802
Lyso-PC 18:2	2719837	1843909	2249715	2734441	2801773	2305006	2775229	1988761
Lyso-PC 18:3	936595	837944	826341	920180	868406	836434	896594	666877
Lyso-PE 16:0	306078	337189	289494	339057	327090	315898	377649	313226
Lyso-PE 18:0	7815	7118	6087	6722	7489	3062	4687	2468
Lyso-PE 18:1	64957	49273	43352	45585	71779	46084	85983	36882
Lyso-PE 18:2	245626	217293	214411	290076	282104	229119	277273	200651
Lyso-PE 18:3	67571	72635	63881	76838	72582	68188	77727	68955
SQDG 32:0	74667	88622	88253	76975	51110	75452	62922	110790
SQDG 34:2	15999	22008	13971	15943	18797	29755	12877	7673
PG 32:0	58793	63693	75597	76339	64083	50328	69484	80986
PG 34:1	91223	87427	83353	96360	80683	87107	86728	65305
PG 34:2	92165	133739	102230	104814	105623	126933	113050	88410
PG 36:3	23216	26929	21399	20353	26250	25021	27048	15567
PS 36:0	43111	72635	89703	75850	59342	90514	45576	49268
PS 36:1	20301	43601	38132	26609	36642	34675	20026	20423
PS 38:0	898170	991697	997061	1141267	928805	1003336	918717	874685
PS 38:1	608949	935757	594468	742658	820344	694077	502449	453652
PS 38:2	8812	19321	14856	17876	20613	14599	15970	11868
PS 40:0	51821	48784	63164	50457	39198	64848	53758	35748
PS 40:1	807228	807508	899671	982625	769209	869782	852145	743819
PS 40:2	895111	1124620	981273	1082698	991929	1055224	971045	837197
PS 40:3	293047	779789	336450	338531	445893	421783	339105	290821
PS 40:4	13845	40491	24626	23538	27126	28505	26656	16643
PI 34:1	445387	405513	437437	444517	432798	411592	380110	371004
PI 34:2	1046722	1283813	1154039	1160505	1470831	1363570	1215385	1525036
PI 34:3	21326	34951	35386	38044	48356	65046	40054	53895
PI 36:4	101446	145441	100475	80700	177657	146772	130057	129829

Rice Lipid Raw Data	GW241	GW242	GW243	GW244	GW245	GW246	GW248	GW249
DGDG 32:0	23938	14604	16780	14293	24594	17629	11197	18785
DGDG 34:1	27076	19040	20265	10688	28186	19900	21361	30821
DGDG 34:2	132153	132763	127447	129369	210224	113702	113332	193424
DGDG 36:2	35083	22588	31254	29751	37244	23117	15622	18884
DGDG 36:3	58135	36242	74215	34524	51480	54068	63181	69382
DGDG 36:4	114932	115431	171923	108886	160793	141007	149459	253893
DGDG 36:5	42464	45677	55791	37783	48036	59401	66632	112994
DGDG 36:6	30735	33352	39434	33060	55108	41094	54056	100151
MGDG 32:0	16893	13065	9527	7293	11473	7632	10563	7936
MGDG 34:0	36177	60479	17341	25813	27121	10737	8614	12276
MGDG 34:1	11959	21936	7356	3419	12655	8495	5249	9312
MGDG 34:2(1)	84291	92875	42849	75376	92063	40834	26230	40569
MGDG 34:2(2)	41033	118642	36279	37824	36768	26407	25963	32145
MGDG 36:3	34360	42106	39622	27013	30865	27632	39905	29030
MGDG 36:4	72327	90744	77071	65278	78116	61370	87053	99909
MGDG 36:5	30636	53658	33432	29786	43844	37269	47623	71090
MGDG 36:6	18981	40068	17469	27659	39774	23437	29588	66648
PC 32:0	162555	294934	131555	218177	210994	144973	197811	192819
PC 32:1	243748	527079	290760	283282	284635	305740	258919	356751
PC 32:2	129350	288753	129558	143968	156980	135666	68943	163645
PC 34:1	4091104	6839041	5428660	5929467	6063033	4981656	9048053	7681106
PC 34:2	2927875	5635408	3286249	4333968	4544516	3397059	4000319	4896535
PC 34:3(1)	46140	67505	43438	82295	74940	51028	104220	188609
PC 34:3(2)	26803	53289	19663	36713	34820	24272	34374	31595
PC 34:4	40789	88473	45684	48779	45767	48373	41162	59501
PC 36:1(1)	41907	43068	50264	28644	43490	40956	41758	41433
PC 36:1(2)	150425	338790	319631	216315	265781	257545	297705	237567
PC 36:2	3783859	5908116	4979862	5332891	4655481	4588842	6063580	7001230
PC 36:3	5310636	8425526	6453822	7180980	6931645	6164726	5977395	8428602
PC 36:4(1)	2204648	4339143	2900742	3263176	3397477	2616005	2216421	3735346
PC 36:4(2)	659368	857583	801878	817589	830426	730404	949114	942237
PC 36:5(1)	119531	189217	136841	188588	170659	132903	149360	362101
PC 36:5(2)	528967	855729	594910	728284	747356	611508	684317	751813
PC 38:2(1)	33085	46456	40085	47872	44250	37411	44077	66224
PC 38:2(2)	23692	22081	23642	23778	31984	15345	19362	19163
PC 38:3	22079	34256	25240	27484	32666	24486	19156	40240
PC 38:4(1)	21194	20369	24043	14407	21145	20294	20945	19979
PC 38:4(2)	24895	59625	57190	37817	46989	44883	53636	41938
PC38:5	625894	766988	751486	758403	725569	732160	791083	818872
PC38:6	780847	934377	868691	923857	884121	831733	831477	908354
PE 34:1	354511	638385	516414	665255	455285	450494	885996	753026
PE 34:2	573552	968622	697251	824144	763674	648879	1009721	1105035
PE 34:3	9190	10751	6844	15367	9373	8068	20891	39946
PE 36:2	180547	254788	191969	279119	165173	159140	254429	244586
PE 36:3	547501	859861	649853	893545	656370	583610	787973	838719
PE 36:4	528781	849067	620510	772002	709431	594179	699294	832046
PE 36:5(1)	11962	20758	13748	26000	17331	14848	18940	44554
PE 36:5(2)	121107	157776	138514	163578	145690	134856	170978	171362
TAG 48:0	3152629	1633796	1479745	2232885	2810113	1387797	876547	1243274

Rice Lipid Raw Data	GW241	GW242	GW243	GW244	GW245	GW246	GW248	GW249
TAG 48:1	2015105	3778758	1855645	1732153	1967138	1736607	1710730	2119671
TAG 48:2	4661510	8173296	3124237	3788909	4649298	3141318	1960528	4061823
TAG 48:3 (1)	219110	492571	279867	252213	252512	237674	212877	252308
TAG 48:3 (2)	28233	63201	89678	46967	44103	79996	72074	40257
TAG 48:4(1)	70143	147015	139178	96967	103251	111534	103098	109049
TAG 48:4(2)	25014	44018	37369	32476	33539	36993	29075	19513
TAG 50:0	1305360	720759	851146	845220	1151325	766029	504248	510263
TAG 50:1	32600000	28000000	29900000	31600000	35100000	24900000	23800000	28500000
TAG 50:2	54500000	56900000	49400000	56200000	63200000	42300000	38400000	50000000
TAG 50:3	10800000	15700000	10800000	11800000	12400000	9293018	8865964	11900000
TAG 50:4	4731944	9415992	5430635	5328269	5857032	4658695	3552267	5647597
TAG 50:5 (1)	258993	572950	242566	346117	334241	242773	167214	267336
TAG 50:5 (2)	18165	49978	72133	31611	28019	65565	66133	34898
TAG 52:0	781876	447007	625919	544860	682286	590311	478634	404586
TAG 52:1	11400000	10700000	14600000	10100000	13700000	11300000	11700000	9559513
TAG 52:2	56500000	54200000	57600000	55900000	58900000	53700000	53900000	54700000
TAG 52:3	75000000	81600000	82500000	79400000	80000000	72000000	75000000	82100000
TAG 52:4	73000000	82200000	81100000	79900000	91500000	69800000	75300000	83100000
TAG 52:5	12000000	16300000	13800000	17000000	18200000	11100000	11400000	16700000
TAG 52:6	414314	477350	415725	678075	602426	346902	356902	878110
TAG 54:0	322717	205140	276218	230462	286346	259279	233210	186489
TAG 54:1	5656347	4782503	7833667	4959326	6503402	5726472	8028279	4683725
TAG 54:2	20700000	23500000	27800000	20400000	23900000	23500000	25300000	21400000
TAG 54:3	53300000	55400000	59100000	57200000	53400000	56000000	55300000	56900000
TAG 54:4	69100000	76400000	79400000	71300000	74000000	72200000	77300000	79900000
TAG 54:5	71800000	87900000	90000000	79300000	81700000	80000000	89300000	91400000
TAG 54:6	36700000	56400000	60500000	50400000	55900000	47200000	55800000	53200000
TAG 54:7	5519419	9475842	8718600	9001430	9222342	6828811	8053748	10000000
TAG 54:8	225308	429019	337978	520590	403861	271384	284810	858094
TAG 56:0	194767	112052	117534	136325	192563	94342	70068	90625
TAG 56:1	1836612	1422135	2431478	1704249	2367005	1732248	2425899	1421803
TAG 56:2	9424545	7774008	13000000	10400000	11400000	10200000	14000000	9350347
TAG 56:3	11100000	11600000	15900000	12200000	13200000	12000000	18000000	14100000
TAG 56:4	7718615	8458582	10400000	8276494	11100000	8720551	11600000	8123394
TAG 58:0	52454	29261	35956	26337	50683	25070	23314	18206
TAG 58:1	1789999	1740564	2174952	1587200	2411640	1402812	2117039	1614511
TAG 58:2	5210021	5405053	5689072	5382748	7432298	4489757	6347155	4987627
TAG 58:3	3092394	3448856	4312425	3266237	4193802	3137129	4661193	3337290
TAG 58:4	2827634	3414411	4260558	3292577	4673996	3078296	4516765	3236369
TAG 58:5	291402	300813	387691	398130	502046	360485	379234	339646
TAG 60:1	543535	537260	700187	415055	762539	440112	642579	419332
TAG 60:2	3670538	3669704	4882161	3914994	4928316	3364266	4671070	3630935
TAG 60:3	3597579	4740291	5343882	3757132	5178148	3713776	5580400	4633541
TAG 60:4	3279384	5082545	5463306	3747203	6034539	3687397	5675047	4154609
TAG 60:5	348609	456321	386986	469244	625562	271557	458015	363366
TAG 60:6	15385	14983	16893	23780	23884	18970	15006	35153
DAG 34:1	107622	30945	64906	69331	51903	47130	55393	46636
DAG 34:2	222370	45163	110446	131646	78473	76474	91446	81838
DAG 36:2	205382	65809	166224	170360	95375	127678	171588	152283

Rice Lipid Raw Data	GW241	GW242	GW243	GW244	GW245	GW246	GW248	GW249
DAG 36:3	300737	175973	301600	266664	183891	196696	210057	245237
DAG 36:4	266360	263634	445176	239803	343293	194076	198215	237047
DAG 36:5	38660	35117	34733	41183	40543	26901	24253	36083
Lyso-MGDG 16:0	346489	483237	235193	206110	350284	238445	225523	224082
Lyso-MGDG 18:0	35753	38745	20596	12540	23153	13630	18639	9008
Lyso-MGDG 18:1	2132	5619	10513	3760	11029	11560	8568	8795
Lyso-MGDG 18:2	16852	20281	50943	36487	75548	54953	43849	46483
Lyso-DGDG 16:0	28763	11458	54530	32210	68054	58567	32851	32749
Lyso-DGDG 18:1	5891	2142	27770	8181	21509	28873	21846	16656
Lyso-DGDG 18:2	28506	8263	107947	51363	129284	129385	78712	75672
Lyso-PC 16:0	3524313	4224676	4460756	3517443	5272016	6414462	4404393	3944578
Lyso-PC 16:3	60248	59114	83130	62334	65388	138854	63233	71561
Lyso-PC 18:0	246307	505549	368214	234151	289942	378818	329345	196935
Lyso-PC 18:1	435623	616015	1548645	388117	591346	2100468	1477363	781618
Lyso-PC 18:2	2096059	533005	2757806	2067281	2949259	3886293	2592327	2411946
Lyso-PC 18:3	726758	825013	860446	722836	930918	1060479	847787	794769
Lyso-PE 16:0	282230	239345	345950	281984	302311	407038	366071	280290
Lyso-PE 18:0	8949	14674	7554	4545	5954	8723	4496	8190
Lyso-PE 18:1	32222	27726	84345	31877	41146	100983	101227	57825
Lyso-PE 18:2	176684	37240	277189	196162	255320	396300	307952	226086
Lyso-PE 18:3	61557	56562	75381	63952	66311	81928	79086	63833
SQDG 32:0	99662	87952	68996	60381	59459	78791	66899	72961
SQDG 34:2	17442	13695	33483	15952	16641	33218	14490	44497
PG 32:0	66635	67456	42596	47025	75051	79213	50300	49902
PG 34:1	67203	69048	95957	83549	87602	79434	79197	120045
PG 34:2	75557	93742	119031	93828	100917	129459	97577	140817
PG 36:3	16631	18094	22157	20933	22491	17870	19123	17241
PS 36:0	52222	53786	117212	64131	61136	61954	65471	53388
PS 36:1	18005	26918	61650	24676	30273	32582	26628	13605
PS 38:0	902753	705311	1083075	933881	991678	992491	894310	1228880
PS 38:1	408153	421111	950621	450076	774179	847001	481637	777251
PS 38:2	9426	8724	13730	8609	16375	14654	9916	21519
PS 40:0	39668	28698	74074	67244	43713	54934	51718	60824
PS 40:1	943175	671616	884117	804997	858128	746876	769066	919914
PS 40:2	987380	856730	1162669	1000290	1050973	1049059	948772	915590
PS 40:3	287899	298350	720033	355223	410782	431668	345974	290699
PS 40:4	20079	17885	29813	20891	29205	25354	20411	19632
PI 34:1	421729	372635	475000	415460	424526	369544	294707	935969
PI 34:2	1052694	1228649	1351048	1287368	1139468	1482671	725365	1893838
PI 34:3	34248	34303	34166	32351	34378	49508	28187	89513
PI 36:4	86397	111972	129267	122582	99784	122741	90829	71912

Rice Lipid Raw Data	GW250	GW251	GW252	GW253	GW254	GW255	GW256	GW257
DGDG 32:0	45707	21503	21911	24832	21244	30723	9629	13784
DGDG 34:1	26347	18408	24551	30437	25743	29714	14586	20926
DGDG 34:2	209500	137714	157458	209055	159264	314956	104229	181145
DGDG 36:2	53095	30296	38978	46926	28543	45582	21831	37341
DGDG 36:3	49137	44431	49935	57390	54456	44102	59433	62121
DGDG 36:4	167838	140625	130880	172606	163103	175409	212258	208333
DGDG 36:5	68872	46230	55322	63794	67343	63186	64924	37442
DGDG 36:6	67912	34913	51274	59598	115677	74821	39609	24719
MGDG 32:0	27889	12948	14213	17511	9687	21819	8716	9992
MGDG 34:0	64481	20054	18641	22298	9033	19340	10389	16997
MGDG 34:1	11754	5630	11209	12905	11833	17212	13013	28637
MGDG 34:2(1)	106094	59434	59133	68210	27847	158493	37175	70269
MGDG 34:2(2)	88562	44319	45527	55197	41668	146458	34372	62866
MGDG 36:3	39342	25341	25229	31848	22554	27872	31471	46320
MGDG 36:4	108490	80877	76960	98883	70413	143762	102862	102720
MGDG 36:5	54006	36188	51877	59449	47347	61184	51379	29060
MGDG 36:6	41161	24576	43132	52325	64526	72652	31538	17596
PC 32:0	183882	140175	101433	118399	115099	200874	177618	186334
PC 32:1	400248	269520	208590	234909	287394	483446	297148	271052
PC 32:2	206817	127079	85110	99397	145575	197834	189982	142043
PC 34:1	5274587	4654639	4605107	5446974	5327316	6850156	5457736	5077459
PC 34:2	3923904	3173160	2748652	3405587	3769584	3745986	4700834	3930339
PC 34:3(1)	85620	51415	83772	92542	80312	90420	102296	66516
PC 34:3(2)	31755	22525	16221	20643	19433	35194	26711	31800
PC 34:4	66701	42629	32699	37685	45030	80255	50628	42482
PC 36:1(1)	43543	34934	30660	36291	67095	42063	47250	38107
PC 36:1(2)	226615	212214	183577	210531	301492	285765	298427	315922
PC 36:2	4930042	4345247	4306588	5006356	5733285	7031577	4729199	4798663
PC 36:3	6698761	5309725	5312296	5903893	7437498	7720853	7491421	6714194
PC 36:4(1)	3230383	2335305	2199323	2323992	3988748	2757082	4262824	3612223
PC 36:4(2)	752357	670039	670495	741626	710964	817101	770589	741611
PC 36:5(1)	191560	121767	148571	179885	281583	176516	270062	190679
PC 36:5(2)	675940	576637	502483	595406	645482	635520	762515	672363
PC 38:2(1)	35395	35349	39594	43631	40896	56754	48543	43580
PC 38:2(2)	16265	15286	20875	24133	19020	16923	29471	21081
PC 38:3	25360	22433	21118	22945	30783	27628	36332	30981
PC 38:4(1)	22662	16055	15748	18301	32226	20549	23629	17557
PC 38:4(2)	42457	36451	31564	36148	54335	50958	51640	55711
PC38:5	694999	662295	681659	749350	763906	823972	718569	648640
PC38:6	896208	779399	768938	805249	880680	903442	892265	896837
PE 34:1	446859	472109	512511	603315	534922	642270	570304	650307
PE 34:2	711517	674720	704803	773026	822801	804580	849877	826712
PE 34:3	15285	10206	23350	23197	16916	16072	19706	14300
PE 36:2	158296	188453	177543	188433	180939	285715	218803	270009
PE 36:3	573440	390598	422099	630605	706880	910263	816250	826946
PE 36:4	611089	409571	426574	617535	796024	806593	880491	814697
PE 36:5(1)	21543	13744	22348	24342	23399	28048	36330	26776
PE 36:5(2)	139449	129670	140337	146508	156543	145478	160826	154783
TAG 48:0	3026308	3134652	3260860	3805297	1106085	2980661	736079	917626

Rice Lipid Raw Data	GW250	GW251	GW252	GW253	GW254	GW255	GW256	GW257
TAG 48:1	2999908	2387574	1931370	2204131	1807118	2959496	1260825	1637286
TAG 48:2	6902370	4533247	3229776	4062611	2986205	6983464	1872271	2603041
TAG 48:3 (1)	350945	234948	154808	200961	257175	417625	221216	233310
TAG 48:3 (2)	25001	14014	18735	23506	42757	46972	75205	49058
TAG 48:4(1)	152525	98060	44347	60464	116672	155279	122846	106624
TAG 48:4(2)	20811	10804	9781	13097	29166	31577	45355	25723
TAG 50:0	1496504	1437933	1569216	1767564	669064	1353690	457135	530000
TAG 50:1	34100000	34300000	35200000	37000000	24600000	31600000	19400000	23700000
TAG 50:2	57600000	56100000	56700000	59600000	43900000	55600000	37600000	43200000
TAG 50:3	14600000	10700000	9664168	11000000	9899246	14500000	7928388	9273819
TAG 50:4	9961514	5865931	3335360	4234172	4811306	9066051	4039606	4774061
TAG 50:5 (1)	457320	325172	198859	241888	277453	493613	272794	255826
TAG 50:5 (2)	20764	9871	9748	12354	35066	30007	88121	40102
TAG 52:0	855689	823266	974660	1153499	506230	855311	426089	443094
TAG 52:1	14100000	15400000	15300000	16900000	11600000	13200000	7946637	10800000
TAG 52:2	53700000	56500000	56100000	56900000	55600000	54400000	45900000	50500000
TAG 52:3	77700000	77500000	75400000	80700000	75400000	74800000	71600000	75300000
TAG 52:4	83600000	77900000	74200000	77000000	71600000	78100000	67300000	73100000
TAG 52:5	15200000	13500000	13500000	15200000	13600000	16400000	14300000	13000000
TAG 52:6	548194	497487	563824	665915	485662	725932	590585	426704
TAG 54:0	340524	328688	401668	446825	237572	330009	207203	220207
TAG 54:1	6689932	6593425	7321474	8261053	5526583	6412526	4150284	5568830
TAG 54:2	26700000	25400000	25400000	26600000	24000000	24400000	18200000	21900000
TAG 54:3	55100000	52600000	54200000	53900000	53600000	54100000	52000000	50900000
TAG 54:4	72500000	70400000	67600000	72300000	74500000	72000000	68400000	73200000
TAG 54:5	84100000	76500000	70800000	75900000	79700000	76500000	79400000	79600000
TAG 54:6	54300000	44700000	37800000	45000000	50700000	47200000	53400000	49600000
TAG 54:7	8291027	6551780	6172933	7218577	8112110	7857990	10900000	7736276
TAG 54:8	395080	319999	331944	378761	435463	443108	735309	344924
TAG 56:0	204185	193417	182829	224023	80773	210458	64906	65681
TAG 56:1	2263240	2149304	2356746	2701102	1526468	2091909	1320211	1530042
TAG 56:2	11400000	11000000	10900000	12400000	8479434	11700000	7589130	8093741
TAG 56:3	12800000	11100000	11400000	12700000	11400000	12300000	11000000	10700000
TAG 56:4	8238547	7357537	7231056	8391854	8086719	6861359	8929391	8379340
TAG 58:0	55668	51874	44751	52336	21007	52477	12634	13405
TAG 58:1	2043545	2014458	2050125	2328271	1426728	2031010	1254238	1363668
TAG 58:2	6330490	5560371	5452239	6030363	4381194	5878064	4183136	4141088
TAG 58:3	3719835	3109639	3150605	3431216	2876637	3078354	3383247	3145353
TAG 58:4	3739233	3378898	2979723	3609404	2997993	2743094	3272097	3145723
TAG 58:5	409322	384568	322861	406838	317493	369877	396840	325866
TAG 60:1	654107	700460	578145	680550	465252	663229	275185	361066
TAG 60:2	4746443	4316864	3842251	4484476	3318828	4664781	2776961	3046224
TAG 60:3	4414686	3519339	3399365	3841370	3857981	3643919	4010595	3693144
TAG 60:4	4532503	3878558	3311643	3711388	3998268	3588811	4262083	4074469
TAG 60:5	439027	368119	311296	370994	358774	437050	474692	331147
TAG 60:6	30770	23329	26154	33038	15895	24005	29829	18384
DAG 34:1	52922	64736	66452	81172	64316	61238	25297	45121
DAG 34:2	111473	114227	129972	145334	131324	110727	44907	91691
DAG 36:2	151450	135720	126817	162843	185892	152500	38331	122597

Rice Lipid Raw Data	GW250	GW251	GW252	GW253	GW254	GW255	GW256	GW257
DAG 36:3	122622	82697	78604	100389	280273	102150	73140	144812
DAG 36:4	175997	123118	108634	130604	322476	138103	116148	194159
DAG 36:5	25972	17710	19807	23044	38269	26391	28634	26715
Lyso-MGDG 16:0	382013	213261	157115	192983	254617	366595	169799	295441
Lyso-MGDG 18:0	39841	14424	9756	11197	15068	15617	16586	19239
Lyso-MGDG 18:1	6936	2394	4149	5211	15342	13868	10608	21304
Lyso-MGDG 18:2	58620	27036	28745	34026	63320	105459	64956	107146
Lyso-DGDG 16:0	72871	35472	39856	47592	71348	79367	26698	58070
Lyso-DGDG 18:1	13947	8668	11987	13141	37971	11131	16992	26818
Lyso-DGDG 18:2	69081	49715	62910	71716	152838	64414	72330	127519
Lyso-PC 16:0	5381584	2684514	3010347	3468999	5330064	8041132	3756036	4879008
Lyso-PC 16:3	183126	67566	56802	64894	102782	301107	68194	105848
Lyso-PC 18:0	407016	171104	193381	214869	357079	426066	355952	346095
Lyso-PC 18:1	588655	409794	467332	524874	1822866	780006	955577	1135586
Lyso-PC 18:2	3009706	1899725	2174644	2488429	3123043	4726157	2643729	2921414
Lyso-PC 18:3	943423	569191	643199	708244	943146	1146990	762959	885513
Lyso-PE 16:0	355664	244106	267083	299184	420885	729624	300713	387758
Lyso-PE 18:0	14732	7718	3957	5945	6495	22957	4160	13626
Lyso-PE 18:1	41618	33182	37452	42891	107534	62766	72070	78437
Lyso-PE 18:2	257089	190948	220910	234864	386074	448683	278642	351521
Lyso-PE 18:3	72265	57977	59960	67382	85114	130886	66863	79393
SQDG 32:0	105394	129538	118469	91673	0	157623	84290	56221
SQDG 34:2	39497	31605	30371	29733	0	24224	23262	31811
PG 32:0	62393	107996	66435	53634	0	58525	89095	56906
PG 34:1	126326	80602	69970	75670	0	91459	95458	90711
PG 34:2	125939	117524	96172	93084	0	121834	108603	97008
PG 36:3	27531	20066	17641	14426	0	26772	18517	27849
PS 36:0	80459	91041	58409	43084	0	61872	107523	70904
PS 36:1	32185	42341	24803	17008	0	29762	40002	40412
PS 38:0	1143222	898827	829558	824715	2856	927593	1029502	888079
PS 38:1	870921	706301	472599	415459	1491	693193	730856	826010
PS 38:2	45631	18227	10644	16038	0	15755	19717	20953
PS 40:0	45737	45978	42623	37737	0	64624	58911	64112
PS 40:1	959374	774967	737014	709454	2221	891489	1037860	731292
PS 40:2	1194434	1032023	878020	851979	3063	1072799	1091285	1043901
PS 40:3	607818	412370	322051	274642	0	641062	340131	698890
PS 40:4	50155	29269	18054	23942	0	42579	27985	40749
PI 34:1	694799	344942	395704	439533	2106	314780	423183	439814
PI 34:2	1481828	1302251	1293867	1254595	5249	1026854	1306309	1084054
PI 34:3	82973	53581	42473	61513	0	39981	46541	43859
PI 36:4	135200	131098	128819	90079	0	117836	84701	151486

Rice Lipid Raw Data	GW258	GW259	GW260	GW261	GW262	GW263	GW264	GW265
DGDG 32:0	24568	42396	41794	39290	26370	25635	25124	37019
DGDG 34:1	24771	37016	41155	48336	16032	17949	22352	48617
DGDG 34:2	223938	299647	305127	418653	120400	173460	134426	374678
DGDG 36:2	25865	31651	32268	69756	20123	33145	20192	62927
DGDG 36:3	46954	60707	60258	77762	50600	44098	43658	82023
DGDG 36:4	212836	177285	189191	288801	128449	163018	135641	227204
DGDG 36:5	66165	61239	69413	68110	50697	64291	45991	42753
DGDG 36:6	40968	61192	67207	75866	43548	63717	29152	26867
MGDG 32:0	15553	20836	20126	31681	16827	10816	19172	18088
MGDG 34:0	7205	18372	16104	95292	23045	27111	17673	21525
MGDG 34:1	5486	12257	16990	43099	4518	5029	6443	21385
MGDG 34:2(1)	56445	88675	100137	159995	42167	69838	56782	79959
MGDG 34:2(2)	69106	73460	79727	212866	44001	39980	40946	83337
MGDG 36:3	25786	28346	29855	54922	40512	27173	22337	38771
MGDG 36:4	120197	88575	103383	154344	99124	106182	71067	70863
MGDG 36:5	52815	46611	49369	49032	50082	64361	28906	20178
MGDG 36:6	30286	46756	48235	50132	33191	56272	18871	11823
PC 32:0	163328	179085	189540	227695	129877	149024	176123	186483
PC 32:1	337698	371263	416950	491852	285026	274907	376190	314433
PC 32:2	173032	170977	192370	227764	108337	116439	199456	182769
PC 34:1	5765217	6347567	7007236	7570406	6262294	6109023	5169700	5266969
PC 34:2	3741348	3944693	4326999	5039455	3427463	3615605	3771584	3819051
PC 34:3(1)	81321	93110	104823	57624	48342	62535	60680	72763
PC 34:3(2)	27761	30161	33495	39590	18766	25313	28509	31646
PC 34:4	56873	61206	68239	79311	46739	44316	62841	51108
PC 36:1(1)	36859	59074	61217	44389	38780	34131	34344	32730
PC 36:1(2)	219691	256282	273482	373039	264991	223749	225658	220606
PC 36:2	5158225	5881950	6575744	8105933	6384335	5505875	4922888	4250283
PC 36:3	6115346	7265615	7804496	9236602	7070860	6434680	6140780	6371012
PC 36:4(1)	2786917	2884325	3109410	4065676	2231210	2547194	2886497	3148436
PC 36:4(2)	809662	774759	795513	812811	788815	789188	734387	714883
PC 36:5(1)	170522	192848	211898	179615	120479	131726	141927	165220
PC 36:5(2)	654456	652341	705173	777460	609338	617530	633158	655567
PC 38:2(1)	42070	54601	63545	61832	52093	40748	49650	41480
PC 38:2(2)	14579	23842	28983	40272	20906	15468	24702	30999
PC 38:3	24178	34291	39509	40138	26424	25059	34730	29206
PC 38:4(1)	18002	28048	29793	21441	19459	16682	16870	17595
PC 38:4(2)	38024	45183	47869	66346	45848	37582	39164	37498
PC38:5	721233	774956	786516	775829	803047	781764	701110	639061
PC38:6	851683	881971	901274	890611	854515	814864	810577	880753
PE 34:1	648663	638181	688433	537984	580918	530961	508836	481061
PE 34:2	857832	777512	889132	959955	749529	759388	735540	682801
PE 34:3	19780	20104	22799	8822	9696	10439	12583	12199
PE 36:2	222132	301554	323882	246085	283592	199399	221081	206865
PE 36:3	769160	850667	957403	863418	824413	642316	693487	706744
PE 36:4	759948	699507	819277	830310	685551	642046	634560	624486
PE 36:5(1)	25420	30493	33311	18036	16014	15007	19423	19881
PE 36:5(2)	157825	147247	155400	154178	149379	146230	137524	130225
TAG 48:0	3576245	3473855	3581404	2946615	3558756	3728361	3203826	2805885

Rice Lipid Raw Data	GW258	GW259	GW260	GW261	GW262	GW263	GW264	GW265
TAG 48:1	2680068	2647914	2701298	2702218	1913514	1933136	2883317	3104287
TAG 48:2	5853537	5232014	5988375	6857228	3188476	3546812	6244974	6132469
TAG 48:3 (1)	383738	334929	374500	377154	202276	201580	375496	367791
TAG 48:3 (2)	27248	29431	40324	35096	31253	39780	38929	37087
TAG 48:4(1)	124338	125263	127561	160342	64414	79892	153765	147878
TAG 48:4(2)	20426	18292	24279	38980	14160	22741	28303	23582
TAG 50:0	1272762	1377331	1374764	1346178	1722140	1608995	1298738	1061654
TAG 50:1	35400000	36300000	35300000	33400000	35600000	37300000	35300000	34400000
TAG 50:2	55000000	58800000	58900000	60500000	59000000	61900000	56900000	59600000
TAG 50:3	12900000	13500000	14400000	14400000	11900000	11000000	13100000	14700000
TAG 50:4	7133078	6723320	7252619	7233890	3344765	3933093	7692028	7059557
TAG 50:5 (1)	460928	430169	479882	378823	201105	192070	496260	397134
TAG 50:5 (2)	15169	16367	22061	25738	14530	16520	22168	23716
TAG 52:0	774943	849832	881578	796313	1051923	935579	771750	684140
TAG 52:1	13500000	14000000	14700000	15700000	15500000	14300000	13000000	12800000
TAG 52:2	56800000	56000000	58200000	57700000	53900000	56700000	57100000	53200000
TAG 52:3	77900000	78600000	80300000	83000000	81000000	80600000	77700000	79500000
TAG 52:4	80000000	79000000	81600000	82400000	75800000	82100000	81000000	83800000
TAG 52:5	17400000	17200000	18700000	16600000	15400000	14600000	15900000	15900000
TAG 52:6	700469	657144	745428	586570	594852	518037	668303	517616
TAG 54:0	289992	323001	339727	307394	387185	357342	307407	268044
TAG 54:1	6308136	6506837	7018098	7553879	7516230	6982760	6491162	6143512
TAG 54:2	22800000	26300000	26100000	28200000	26400000	24000000	23000000	22600000
TAG 54:3	52600000	54600000	55200000	55300000	55700000	53800000	56600000	54800000
TAG 54:4	69500000	71700000	72500000	75600000	72900000	74200000	74500000	72200000
TAG 54:5	72200000	77500000	80100000	83000000	75400000	75900000	78000000	82500000
TAG 54:6	44700000	44600000	51700000	50300000	41300000	47000000	48600000	51400000
TAG 54:7	7509180	7557624	9858728	7393624	6438482	6625006	8222750	7787131
TAG 54:8	416122	483770	575543	349713	330353	311407	510489	362501
TAG 56:0	201220	226471	253578	218852	233839	222123	225672	161654
TAG 56:1	1990153	2321639	2536033	2510525	2510703	2374414	2378058	2009353
TAG 56:2	10400000	11800000	13100000	14000000	13200000	12200000	12400000	9575214
TAG 56:3	10500000	13300000	13700000	14200000	15000000	12900000	13200000	12000000
TAG 56:4	6827248	7058078	7567872	8050361	7934967	8077213	7674627	9510791
TAG 58:0	48135	57378	64920	46593	50815	56351	56767	34850
TAG 58:1	1873863	2245562	2471048	2056471	2265937	2265205	2411242	2153409
TAG 58:2	5128345	6477577	6975441	6575706	6588138	6158884	6641688	5926325
TAG 58:3	2858524	3525739	3853020	3965044	4216595	3548777	3648744	3781965
TAG 58:4	2689520	3093534	3483666	3869833	3686304	3390470	3431594	3989458
TAG 58:5	362783	428189	475699	414361	409221	381410	392308	419303
TAG 60:1	609974	754959	816770	588534	625326	711591	760778	577608
TAG 60:2	3975285	5006030	5324633	4955579	4749778	5002269	5292271	3910562
TAG 60:3	3435730	4392577	4766674	4316872	4491501	4309021	4366357	4325875
TAG 60:4	3327345	3916370	4282243	4450719	3919268	4051148	4306033	4870956
TAG 60:5	425879	453328	533748	397119	428711	389944	481594	471122
TAG 60:6	21735	28855	33633	21185	20640	20415	22696	20424
DAG 34:1	82774	69965	86650	37284	79052	90673	48004	57698
DAG 34:2	159488	129379	164599	64568	135115	174663	73441	98449
DAG 36:2	177878	179706	214771	120982	185057	208622	94759	102532

Rice Lipid Raw Data	GW258	GW259	GW260	GW261	GW262	GW263	GW264	GW265
DAG 36:3	147880	144857	280204	70837	239228	188593	99369	137542
DAG 36:4	166836	143731	216582	131403	173490	192349	127678	180403
DAG 36:5	36325	27741	38234	21464	31232	26361	26811	26015
Lyso-MGDG 16:0	235951	345667	297429	722349	245658	234672	238801	221695
Lyso-MGDG 18:0	7501	16948	12952	66128	27439	26847	14582	12936
Lyso-MGDG 18:1	14057	15718	13211	24434	6472	5226	9855	14073
Lyso-MGDG 18:2	111143	119398	105403	111690	56407	54882	58083	74702
Lyso-DGDG 16:0	79447	121392	104395	56497	47097	51781	46523	87920
Lyso-DGDG 18:1	18673	34104	27466	8601	9487	12624	15337	33925
Lyso-DGDG 18:2	129034	203806	153086	36155	49822	81594	63211	175840
Lyso-PC 16:0	7265321	5947248	5536059	4849492	4244544	3933974	3795789	3739388
Lyso-PC 16:3	213910	197131	173250	34867	39524	37373	100277	98112
Lyso-PC 18:0	323768	270405	247185	639000	333270	300815	225268	213705
Lyso-PC 18:1	774950	818385	693232	593246	506715	437935	540861	668272
Lyso-PC 18:2	4785552	3680594	3535241	871055	2647240	2483173	2437684	2792843
Lyso-PC 18:3	1109643	991035	950510	896492	831500	777339	773637	745785
Lyso-PE 16:0	635369	440498	395059	324482	324593	312401	253111	276640
Lyso-PE 18:0	9870	18154	16555	10457	2264	2149	10794	8332
Lyso-PE 18:1	66055	65596	56001	29249	40706	36055	39512	50963
Lyso-PE 18:2	613369	407064	321015	58564	282346	249999	213781	274002
Lyso-PE 18:3	120015	85619	82114	69461	71896	67572	58000	61829
SQDG 32:0	77004	71400	102548	108153	117200	82578	111211	96510
SQDG 34:2	30404	24790	17249	35117	40833	31226	32471	29317
PG 32:0	43253	87854	100027	110658	79905	77034	98645	72280
PG 34:1	94577	91205	94976	103700	93094	93006	88389	85972
PG 34:2	117739	120128	111208	126159	140636	98659	114575	114696
PG 36:3	30938	18045	25521	26794	25425	21129	19422	22836
PS 36:0	58965	77506	77959	94209	110650	61773	57724	85225
PS 36:1	31333	35007	35973	41855	48558	20226	22304	42122
PS 38:0	866340	927278	1012767	1118200	1169357	1003072	1033706	901554
PS 38:1	733272	719125	673116	787252	917468	485625	638493	575777
PS 38:2	12438	16485	19160	22415	12591	9394	12449	12057
PS 40:0	66217	43914	53873	58338	76869	56445	47231	45114
PS 40:1	784362	837972	940844	976699	1013511	1001510	869754	853696
PS 40:2	974833	937203	1023227	1114342	1317878	1058637	989638	948793
PS 40:3	512562	355418	354606	433005	673485	312355	328537	359343
PS 40:4	27077	27553	31530	35146	25142	18203	19120	23576
PI 34:1	442960	354976	358559	453633	399768	426677	384671	344748
PI 34:2	1247986	1138739	1081657	1498688	1575390	1287031	1413919	1143125
PI 34:3	37206	43785	42715	63650	40855	33504	42558	37233
PI 36:4	164595	90736	105208	137444	133383	109971	104267	117853

Rice Lipid Raw Data	GW266	GW267	GW268	GW269	GW270	GW271	GW272	GW273
DGDG 32:0	30803	18546	17152	21163	42473	15096	13006	46196
DGDG 34:1	31155	19688	18908	25684	25314	17921	17394	28208
DGDG 34:2	210850	195176	132623	121525	178387	114132	81959	274637
DGDG 36:2	23545	36019	26604	27869	18112	28999	32252	47211
DGDG 36:3	56313	50772	32467	45624	52443	53639	35814	49917
DGDG 36:4	144513	184732	113317	106316	93636	159530	83472	167709
DGDG 36:5	58241	64368	37967	56284	58893	61469	31298	55827
DGDG 36:6	58874	53180	23531	32921	61585	30278	12872	49962
MGDG 32:0	17586	11240	11173	14635	14360	7634	14683	27495
MGDG 34:0	14064	11086	15584	38963	30847	12835	37429	37992
MGDG 34:1	11158	9849	12173	13105	16323	4570	6323	13346
MGDG 34:2(1)	58684	67353	67496	68387	81130	25669	54174	97553
MGDG 34:2(2)	62337	44510	38490	48589	50958	36075	34046	108746
MGDG 36:3	33511	27635	19688	31956	31826	34072	24281	38366
MGDG 36:4	80861	94483	71045	81130	63090	93294	54429	105295
MGDG 36:5	43901	53277	25794	44730	45401	39329	14546	55987
MGDG 36:6	47015	43619	14161	33540	46275	18273	8517	59249
PC 32:0	215379	157005	102876	148483	117111	97991	313490	176260
PC 32:1	352172	300435	209875	187892	226423	238250	186984	346044
PC 32:2	163447	157521	93297	79239	83111	96403	89541	155164
PC 34:1	6776564	5659367	4311237	5452718	6468537	5676001	6303342	5802198
PC 34:2	4317727	3830487	2787211	3432850	4056485	3324186	4210666	3931675
PC 34:3(1)	111386	78814	43978	74319	54670	32798	75947	39187
PC 34:3(2)	36904	26596	15566	23664	17927	11298	53802	29349
PC 34:4	58054	50728	32057	29717	35545	35594	28493	56188
PC 36:1(1)	36316	32636	30714	32535	27863	44685	42275	31950
PC 36:1(2)	249763	212405	131341	199016	136752	373148	312081	196967
PC 36:2	6013540	4427546	3825183	4305346	5896759	5267971	5829363	5404856
PC 36:3	6956299	6164453	5164382	5557049	6960548	6718646	7536695	7250745
PC 36:4(1)	2912081	3151279	2254023	2547734	2717452	3033704	3228461	2862031
PC 36:4(2)	854434	771970	667701	751054	854157	807336	832116	807129
PC 36:5(1)	207437	163401	125982	147522	140377	153617	212761	133001
PC 36:5(2)	727580	656254	483779	597328	686390	580629	704401	656369
PC 38:2(1)	57378	37797	26612	38690	31385	34653	45735	24692
PC 38:2(2)	16913	22358	17910	32307	9604	26158	40525	17583
PC 38:3	31139	27447	21322	27237	23904	24330	35523	21880
PC 38:4(1)	18005	16523	15603	16036	12281	21853	20788	16195
PC 38:4(2)	43063	38015	21920	35531	21409	65250	53825	33972
PC38:5	780948	716082	609753	683988	744180	716304	745858	717892
PC38:6	911749	839295	750204	800909	847293	891097	892102	904387
PE 34:1	693656	300911	322373	435948	318499	480176	570507	450352
PE 34:2	855264	508601	564295	713610	750562	745665	650135	797993
PE 34:3	22704	10033	13542	18318	11903	9017	16535	10264
PE 36:2	238129	108158	203990	221853	141574	167483	319722	180367
PE 36:3	863525	344694	511920	565350	440075	517000	676885	526378
PE 36:4	787730	562077	458270	590996	470833	604200	501564	518666
PE 36:5(1)	30466	17291	14617	19835	11694	14592	17544	14160
PE 36:5(2)	157245	107364	111077	128227	135840	134841	123073	144592
TAG 48:0	3800544	2166441	2625672	2646138	2953026	1197450	2047085	5312757

Rice Lipid Raw Data	GW266	GW267	GW268	GW269	GW270	GW271	GW272	GW273
TAG 48:1	2723487	2415350	2016405	1490142	1504292	1396543	1351094	3428475
TAG 48:2	5655518	5302302	4711384	3024817	3267339	2618016	2500525	9956279
TAG 48:3 (1)	353950	317413	243033	230071	182515	214291	203062	468073
TAG 48:3 (2)	30554	51324	20784	44570	19134	53114	46171	51482
TAG 48:4(1)	99603	114360	81353	89885	56265	109418	73591	180215
TAG 48:4(2)	19462	25286	20566	22502	17359	23622	24836	47484
TAG 50:0	1343092	883605	1075539	1283958	1130806	746139	1049485	1981117
TAG 50:1	36900000	31700000	30100000	31000000	32200000	25300000	28800000	35900000
TAG 50:2	61800000	56600000	51800000	53500000	55300000	46500000	49800000	65400000
TAG 50:3	14300000	13100000	10200000	10100000	9708691	8814945	9961279	15600000
TAG 50:4	5915846	5963506	5970054	3759174	3756520	4728773	3344226	11000000
TAG 50:5 (1)	404696	320453	293379	232585	193155	178653	197012	436029
TAG 50:5 (2)	17444	35266	16684	28141	16206	58098	36219	30578
TAG 52:0	803781	618053	648719	856964	661885	590333	697882	995300
TAG 52:1	13100000	11800000	10700000	13100000	10800000	13000000	11500000	14200000
TAG 52:2	59200000	52800000	49600000	56100000	55100000	53900000	55100000	53600000
TAG 52:3	80700000	81300000	73900000	81700000	80700000	81300000	82600000	84500000
TAG 52:4	80600000	80600000	76500000	82000000	79400000	81900000	80000000	93100000
TAG 52:5	18100000	15100000	12800000	15600000	14100000	13500000	16500000	17200000
TAG 52:6	766102	494906	438246	671859	561769	420739	695677	600020
TAG 54:0	327085	264342	231699	312687	237406	264884	266228	345914
TAG 54:1	6723421	6199081	5176630	6382145	4901480	6868247	6001201	6672026
TAG 54:2	23700000	23700000	21300000	25100000	21000000	26400000	24700000	25500000
TAG 54:3	56600000	52100000	47800000	53700000	54000000	53400000	55700000	53300000
TAG 54:4	73600000	69800000	63500000	70000000	71600000	76000000	73800000	74300000
TAG 54:5	81100000	82100000	69800000	78700000	71200000	89200000	82400000	82200000
TAG 54:6	48800000	48900000	42400000	44300000	44100000	60300000	47000000	53100000
TAG 54:7	8514014	7243270	6601559	7226978	6807442	9162966	9479418	7715677
TAG 54:8	505308	325728	310870	384769	424029	426857	562467	355541
TAG 56:0	245289	120621	138871	172792	181514	101407	160385	246909
TAG 56:1	2400153	1934572	1649756	2064127	1652816	2125585	2139134	2150991
TAG 56:2	11800000	10600000	9378254	11100000	9636172	10900000	11500000	10700000
TAG 56:3	13000000	12700000	10100000	11800000	11500000	14700000	14100000	11200000
TAG 56:4	7800805	10300000	7080948	7018750	6681350	9788049	8514587	7800095
TAG 58:0	54293	25629	28012	40025	40322	29617	38206	61738
TAG 58:1	2429081	1751021	1472136	1884423	1895341	1895612	2082487	1970553
TAG 58:2	6839822	5461704	4374416	5297206	5395338	5223581	5875454	5721451
TAG 58:3	3934178	3812462	2683683	3264439	2901906	3974224	4046749	2996360
TAG 58:4	3538753	4319534	2821046	3173132	2758725	4107121	3689207	3232442
TAG 58:5	494591	426156	324215	445437	323856	345362	540006	381155
TAG 60:1	701739	459846	358513	573555	553092	635310	559092	597194
TAG 60:2	5183243	3346716	3098509	4145639	4387332	4544777	4887697	4186301
TAG 60:3	4781380	4080753	2710986	3581047	3722360	4922088	4582792	3399309
TAG 60:4	4557491	4763637	2848488	3348387	3746204	5122930	4331718	3574842
TAG 60:5	548653	432890	244573	385217	340419	349187	504854	317917
TAG 60:6	36852	28544	24929	24727	16938	18189	38603	25024
DAG 34:1	80136	43104	57264	121772	74355	145328	198662	89766
DAG 34:2	176941	94523	132708	229811	149939	302600	368926	230086
DAG 36:2	194202	98221	132994	221417	162397	291246	316962	197357

Rice Lipid Raw Data	GW266	GW267	GW268	GW269	GW270	GW271	GW272	GW273
DAG 36:3	233624	88763	63589	185313	151304	412563	558009	156414
DAG 36:4	176947	139229	81490	217034	193248	464221	449077	232929
DAG 36:5	34541	20225	11029	28731	23364	32017	57906	20085
Lyso-MGDG 16:0	290887	228022	182808	187859	282258	150388	197496	262200
Lyso-MGDG 18:0	15807	9082	15647	36891	28970	24336	37595	13828
Lyso-MGDG 18:1	12454	8469	1877	6269	8512	10890	6488	9622
Lyso-MGDG 18:2	65034	67148	15534	33766	46135	48024	37038	67835
Lyso-DGDG 16:0	75308	64883	34620	31964	58961	43738	27917	75203
Lyso-DGDG 18:1	19828	21274	7478	8383	11767	19433	10694	14762
Lyso-DGDG 18:2	83181	134284	34507	33384	56033	85645	40679	74796
Lyso-PC 16:0	6174563	4513054	2367165	3517931	4896845	3708861	4091628	4050632
Lyso-PC 16:3	125343	114950	62612	29205	39288	54722	27167	84922
Lyso-PC 18:0	365496	215823	114058	271137	246541	323331	397200	230513
Lyso-PC 18:1	1017062	575337	389139	575921	672246	892063	1517857	376666
Lyso-PC 18:2	3323327	2911999	1311949	2083003	2776257	2100060	2769899	1449691
Lyso-PC 18:3	989075	849691	491310	715808	911833	768646	833430	815457
Lyso-PE 16:0	494304	211972	188956	282017	318305	333068	333397	495381
Lyso-PE 18:0	12875	11508	8799	2431	3830	4798	1942	7353
Lyso-PE 18:1	72032	29002	27569	44201	33796	57189	132031	35289
Lyso-PE 18:2	354718	200553	124891	281718	261225	295388	327929	245869
Lyso-PE 18:3	93148	49231	43150	60345	65837	72044	71078	95624
SQDG 32:0	92820	49583	80852	81564	34931	86119	41194	62669
SQDG 34:2	26670	18748	19566	22078	20978	23769	10340	1730
PG 32:0	78498	73442	71163	46630	64277	57752	34798	67318
PG 34:1	79645	104285	79962	61884	81234	65125	77063	87248
PG 34:2	83537	118710	101770	72711	92995	127855	96498	81361
PG 36:3	21419	20117	23121	15251	16543	15552	18527	26532
PS 36:0	66150	77509	81036	43890	38530	45601	45440	37489
PS 36:1	39121	31476	38130	19286	13877	15842	17014	16087
PS 38:0	892003	1056113	1002819	556839	699235	792887	699777	765033
PS 38:1	600769	794884	822893	418600	460621	540822	497210	536236
PS 38:2	14781	22194	18405	7500	13606	10149	5436	13960
PS 40:0	46563	50377	60334	26493	37689	27542	63762	60390
PS 40:1	725237	904584	906063	476625	513334	689037	625485	626072
PS 40:2	979201	1043290	1117069	630351	686981	785848	758025	838229
PS 40:3	395236	372751	539695	341681	358638	394569	427466	428689
PS 40:4	27756	31159	30797	18905	21257	18316	20946	25656
PI 34:1	377328	405306	264899	288792	467179	210109	353260	485507
PI 34:2	1016442	1267024	521174	818175	1005714	745329	861015	930237
PI 34:3	33740	53865	23784	33269	37476	20145	26253	32569
PI 36:4	123021	97972	69601	108292	103092	62936	111947	121812

Rice Lipid Raw Data	GW274	GW275	GW276	GW277	GW278	GW279	GW280	GW281
DGDG 32:0	52614	23595	21019	20850	25745	34537	26025	41389
DGDG 34:1	26386	16476	24451	16425	11090	23772	25431	26275
DGDG 34:2	149644	134254	163747	115835	87881	152754	176873	186285
DGDG 36:2	33793	19835	35484	15577	17032	26578	46914	35900
DGDG 36:3	35510	37872	38999	37212	18561	70976	41555	53267
DGDG 36:4	100510	129069	98584	100484	71404	176334	113059	119804
DGDG 36:5	56532	62881	27826	52014	33518	75598	38464	51479
DGDG 36:6	43246	46297	23012	46964	21731	35806	33579	32210
MGDG 32:0	37882	16168	10372	11060	20535	20825	12502	22951
MGDG 34:0	95587	24807	41137	15765	50143	70263	53910	34268
MGDG 34:1	26371	4578	20102	5996	5733	12062	16344	10334
MGDG 34:2(1)	95861	47464	61989	57420	65732	67153	74594	66640
MGDG 34:2(2)	62987	46326	70261	32065	45433	53890	78646	73064
MGDG 36:3	25727	21058	26166	19053	13751	55206	28385	36042
MGDG 36:4	74415	76190	50999	63460	45721	102664	61387	78919
MGDG 36:5	29686	43597	14444	36682	19102	48642	22962	35552
MGDG 36:6	24886	35277	13331	33808	11869	23301	26561	24213
PC 32:0	332114	124349	135894	154492	270327	238078	137601	145557
PC 32:1	194715	299760	187697	379978	323539	272563	270701	256169
PC 32:2	78864	104661	82956	137748	115429	119385	94065	91986
PC 34:1	6863606	6947628	4785174	6094139	5949034	6899300	5578480	5757977
PC 34:2	4468381	3980969	3199308	3487078	4028013	4794631	2957607	3020099
PC 34:3(1)	85448	61819	62107	69951	47346	72897	59251	43270
PC 34:3(2)	58438	18628	23261	25812	46683	40018	22265	24287
PC 34:4	29965	46938	30107	62363	51077	42767	42410	39516
PC 36:1(1)	33016	28258	34653	26697	25898	37362	35706	25729
PC 36:1(2)	303336	198577	202648	177713	210158	299098	315758	215509
PC 36:2	5732529	6506913	4756107	5268585	5352729	5864370	5866401	6047102
PC 36:3	6741105	7724625	5946731	6428323	6163108	7508224	6974357	6499153
PC 36:4(1)	2985904	2949977	2373490	2297706	2757105	3624112	2296562	2049165
PC 36:4(2)	817584	854526	727603	801430	854053	810530	779964	786734
PC 36:5(1)	207863	212005	167988	150310	151081	219703	163040	152260
PC 36:5(2)	741015	684675	573765	610881	687114	764461	529477	545513
PC 38:2(1)	35943	38160	32690	33147	31566	42051	33195	38148
PC 38:2(2)	27602	26577	25674	16460	22706	33567	30630	19219
PC 38:3	27088	27678	24795	18316	22548	34154	25176	22863
PC 38:4(1)	16339	13813	16239	12401	12220	17680	17666	12378
PC 38:4(2)	52905	33516	32165	30974	35619	50845	53597	35440
PC38:5	723756	793684	730269	797078	699092	749231	731515	746064
PC38:6	882273	905722	858885	896015	819553	873224	898145	847868
PE 34:1	641661	517319	278947	326425	453883	512750	513096	624080
PE 34:2	776788	821119	413387	501684	625104	779063	622158	676132
PE 34:3	18434	16400	11140	10571	10532	12496	19739	15058
PE 36:2	304856	239069	168331	140002	241022	278212	303878	273988
PE 36:3	642731	589818	420811	421957	559422	701306	640327	566952
PE 36:4	533072	590758	408297	404244	459118	722173	492709	388281
PE 36:5(1)	23733	21016	15360	12871	14714	22530	20994	15184
PE 36:5(2)	137704	143701	89751	100351	122650	134332	117737	126345
TAG 48:0	4891839	3724227	2081898	3196852	3330562	3494223	2264955	3012090

Rice Lipid Raw Data	GW274	GW275	GW276	GW277	GW278	GW279	GW280	GW281
TAG 48:1	1755925	2201921	1427907	2492227	2420526	1838950	1833083	1893760
TAG 48:2	3266117	4551910	3153592	4911561	5178714	4126354	3876038	3547797
TAG 48:3 (1)	188615	314548	192294	330172	289436	268270	220299	253363
TAG 48:3 (2)	44741	23883	25451	24616	28950	104105	28839	25391
TAG 48:4(1)	74121	108159	65559	98075	101629	102742	76814	70056
TAG 48:4(2)	34764	23334	14774	23508	23444	46654	14955	14852
TAG 50:0	2133373	1387184	1066830	1310092	1440144	1319807	1268620	1256219
TAG 50:1	36600000	35300000	26800000	32600000	32100000	32700000	28000000	33500000
TAG 50:2	62800000	60500000	48500000	55700000	55200000	58700000	48900000	53400000
TAG 50:3	11300000	12700000	8028909	13000000	12400000	11800000	9793470	11100000
TAG 50:4	3149456	4555925	3325155	6077600	5613389	5021715	4144021	3917174
TAG 50:5 (1)	145893	291863	175935	423516	270051	323895	200156	259994
TAG 50:5 (2)	26446	19110	17909	18159	18566	72705	19833	15943
TAG 52:0	1173969	874201	688071	793569	863804	785786	867737	857667
TAG 52:1	16200000	13200000	9546144	12600000	12000000	12300000	14600000	13500000
TAG 52:2	57000000	57500000	52400000	55300000	57000000	55900000	56400000	59400000
TAG 52:3	84400000	84600000	77700000	82200000	82300000	86300000	79800000	80700000
TAG 52:4	84800000	85100000	71200000	84800000	81200000	90200000	72100000	77700000
TAG 52:5	16000000	17000000	11900000	17000000	14800000	18100000	11400000	15000000
TAG 52:6	580514	784699	398177	837538	549801	626978	381266	611993
TAG 54:0	405421	324105	270632	272367	302916	289845	353702	317691
TAG 54:1	7361399	6701237	4902002	5678791	5397135	5692078	7302176	6991312
TAG 54:2	26100000	25100000	20200000	22900000	22800000	23700000	28000000	24400000
TAG 54:3	55700000	54200000	53600000	54900000	54800000	52400000	57400000	53900000
TAG 54:4	73100000	72200000	69300000	72300000	70600000	73400000	71100000	73800000
TAG 54:5	78100000	76700000	68100000	75600000	74600000	84100000	70300000	77100000
TAG 54:6	47900000	45700000	35600000	45700000	44200000	50500000	37100000	39800000
TAG 54:7	7603453	7592244	5629231	8498287	6987804	9175133	5242265	6688959
TAG 54:8	404941	470041	299627	561478	383814	479367	262261	385951
TAG 56:0	263740	233546	138349	193727	194687	219684	170758	216882
TAG 56:1	2414417	2376283	1719490	1860674	1788368	2031496	2515967	2474216
TAG 56:2	11400000	12500000	9670282	10300000	9415022	10700000	13900000	12800000
TAG 56:3	12300000	13700000	11100000	11500000	10600000	12200000	13300000	13800000
TAG 56:4	7282572	7332880	6548843	6723881	6187426	8284832	7202019	6755267
TAG 58:0	68500	54249	33642	42019	40669	46875	47251	48904
TAG 58:1	2250378	2364643	1561662	1877958	1714089	1986981	2051930	2367257
TAG 58:2	6006641	6533383	4950176	5252771	4727912	5417505	6323492	6296628
TAG 58:3	3310130	3896504	3017028	2908838	2718963	3708362	3713885	3807974
TAG 58:4	3335951	3585555	2769340	2774345	2652782	3519348	3610370	3247447
TAG 58:5	382390	480093	331886	388354	328411	419072	421542	412926
TAG 60:1	690842	742793	427319	546212	425642	512854	627815	717486
TAG 60:2	4499332	5153940	3911991	4048497	3885196	4096246	5023329	5559509
TAG 60:3	4076116	4376058	3351538	3524565	3172631	4071270	4001923	4538560
TAG 60:4	3833227	4006845	3138569	3378206	3137527	3809188	3820041	3760767
TAG 60:5	385647	472384	302585	393578	311983	423206	349929	440530
TAG 60:6	21678	31728	17936	25867	17369	19888	23237	26814
DAG 34:1	159262	121529	103030	89214	97682	181407	140086	125598
DAG 34:2	306736	211572	186128	149192	205554	334884	276730	208412
DAG 36:2	262862	165881	134513	144865	177341	250948	279550	235819

Rice Lipid Raw Data	GW274	GW275	GW276	GW277	GW278	GW279	GW280	GW281
DAG 36:3	301597	248553	237694	176432	148062	459911	334673	221020
DAG 36:4	315251	286716	247708	207298	151490	430640	276451	214897
DAG 36:5	35777	41869	30480	29936	19437	55886	30500	31854
Lyso-MGDG 16:0	312139	245548	235380	192783	198964	364113	270498	226295
Lyso-MGDG 18:0	75617	20982	25877	12910	28979	53815	22110	16788
Lyso-MGDG 18:1	7839	7306	16349	5842	4198	6658	17304	13246
Lyso-MGDG 18:2	33836	49135	47190	30525	23774	22171	64316	68000
Lyso-DGDG 16:0	44755	69117	78923	26139	21858	50660	82964	72301
Lyso-DGDG 18:1	10525	10267	18523	6975	5564	15152	22996	18998
Lyso-DGDG 18:2	34161	67409	73720	32272	27142	46443	92510	94396
Lyso-PC 16:0	3826288	3826812	3126647	3208577	2888830	4913106	4127067	4319921
Lyso-PC 16:3	14444	37795	34120	51268	37703	36825	49309	47091
Lyso-PC 18:0	489103	193271	254446	159592	259612	438165	340048	266896
Lyso-PC 18:1	508791	406970	465490	557179	560141	667607	854675	570064
Lyso-PC 18:2	1322261	2388933	1333499	2194352	1216837	1972624	1880830	2250560
Lyso-PC 18:3	803557	798645	662285	693610	634101	928647	837780	875385
Lyso-PE 16:0	322718	262251	197256	165433	203617	327046	363739	374293
Lyso-PE 18:0	1534	4001	4563	6668	4509	4351	6620	3861
Lyso-PE 18:1	38556	26063	23205	25349	37882	36816	63115	40753
Lyso-PE 18:2	165662	236168	116067	143321	136057	178857	243385	288292
Lyso-PE 18:3	66191	56169	44537	38377	44745	68514	76348	75913
SQDG 32:0	100675	141596	58546	53610	70661	50743	121470	35169
SQDG 34:2	12421	26151	30387	16934	21233	2542	16049	1166
PG 32:0	79642	92730	58808	34753	51427	58189	102613	53894
PG 34:1	76867	84489	77452	58685	64680	55959	102487	76981
PG 34:2	119021	91140	115057	81918	76435	61017	128859	88807
PG 36:3	17096	22084	23330	18899	12372	14219	28592	24322
PS 36:0	63648	37936	54671	36350	66389	58629	51543	52963
PS 36:1	27467	13158	20398	15219	23265	22585	21626	18048
PS 38:0	720236	826063	819419	627701	754464	709539	833161	722158
PS 38:1	528096	584947	569677	460117	521346	560174	597928	472399
PS 38:2	6101	15531	11035	11246	11952	8220	12216	10472
PS 40:0	36312	53945	38008	34395	34881	40844	50521	52353
PS 40:1	592050	638741	737899	530925	604661	592308	632031	664878
PS 40:2	799808	755686	803162	672607	686427	702069	885585	735728
PS 40:3	396745	402975	385649	346584	327795	388820	466361	320555
PS 40:4	16984	30497	30628	25131	20700	20367	27803	22608
PI 34:1	278897	443121	315338	229529	281327	345804	374217	274093
PI 34:2	880541	955177	943250	583048	726331	665166	843914	564678
PI 34:3	28936	31682	36628	21668	28648	18354	29208	20673
PI 36:4	75443	92346	85039	62535	46179	63059	74977	48859

Rice Lipid Raw Data	GW282	GW283	GW284	GW285	GW286	GW287	GW288	GW290
DGDG 32:0	8849	9851	40979	91644	17776	11583	51568	22403
DGDG 34:1	11118	10923	42588	46904	24284	19536	26281	34423
DGDG 34:2	84862	81611	348738	212617	182239	121743	187939	202392
DGDG 36:2	12247	18362	67933	38255	21298	24348	31071	55713
DGDG 36:3	34500	32309	65363	58840	58171	54653	39897	78835
DGDG 36:4	126567	70846	129395	139861	202003	133059	112397	221184
DGDG 36:5	64734	37334	45945	68664	70809	65339	46600	80514
DGDG 36:6	43587	56455	49105	43915	40823	71379	36086	39551
MGDG 32:0	4879	6989	16459	35221	10889	4644	21999	14009
MGDG 34:0	6449	37314	36883	119182	21981	12829	60595	32355
MGDG 34:1	11022	19332	28822	30189	20992	8330	15963	37274
MGDG 34:2(1)	47373	58361	121288	70418	85765	31210	72567	77850
MGDG 34:2(2)	26448	55708	99542	75950	49586	28188	68043	68003
MGDG 36:3	20954	14722	29817	39670	32803	19851	24704	48373
MGDG 36:4	72081	37303	61151	79822	112980	61555	58901	102139
MGDG 36:5	40500	21988	29005	40581	41891	34259	28835	36534
MGDG 36:6	34080	35233	31658	30963	23330	40727	24798	19144
PC 32:0	192989	157857	150736	348769	142937	113485	159330	130266
PC 32:1	394292	335677	275261	425459	436994	281847	193494	253335
PC 32:2	240704	184349	141480	136346	205102	135610	87302	109179
PC 34:1	5362252	5032024	5196583	7939599	6328173	5664333	4956640	5850789
PC 34:2	4958061	2719641	3774259	4845804	4430243	3153347	3071836	3645104
PC 34:3(1)	73717	31184	64457	72217	41867	46754	79377	43157
PC 34:3(2)	32039	26804	24529	60286	22050	18155	26800	19024
PC 34:4	62594	53019	43107	68646	71131	44488	29584	38280
PC 36:1(1)	42145	28621	36133	35061	53622	34020	32980	44545
PC 36:1(2)	288199	210903	170035	364849	197044	347848	169612	303753
PC 36:2	3971195	4868812	3403749	7403944	5106119	5040638	3868903	4926933
PC 36:3	7223055	5599721	5405949	8503258	7259507	6550142	5081788	7066128
PC 36:4(1)	4827302	1894596	2632359	3512633	3973263	2620712	2141482	3538565
PC 36:4(2)	762326	775171	751738	846977	832308	814906	760796	814854
PC 36:5(1)	242344	77854	201840	281711	246147	156280	178822	223145
PC 36:5(2)	789994	489092	635484	765549	727863	560639	546043	618336
PC 38:2(1)	37948	27783	26975	38700	44913	37479	29277	42510
PC 38:2(2)	35425	12521	22833	25348	26815	15982	16653	33787
PC 38:3	35590	20722	20901	31044	39664	28853	19313	37141
PC 38:4(1)	20112	13829	16010	17467	24609	15104	15497	22037
PC 38:4(2)	51273	35334	28877	63120	32774	59784	29003	54741
PC38:5	645434	690613	576734	726390	749731	713578	577341	716460
PC38:6	910140	823147	775823	919305	896731	849540	723024	840327
PE 34:1	321065	261989	281746	653923	410020	394625	375862	493506
PE 34:2	732931	406985	684617	891289	791592	657917	618036	694192
PE 34:3	14463	4064	13881	15336	8958	10793	18303	9834
PE 36:2	103969	114135	94611	332162	171175	172638	170687	222546
PE 36:3	455954	315515	388857	694789	507401	467645	490737	541554
PE 36:4	662162	288508	431594	572262	665730	489447	460274	538222
PE 36:5(1)	17322	4712	14862	19966	15749	11631	21979	17774
PE 36:5(2)	135770	84231	123030	146057	137966	120566	118860	124656
TAG 48:0	1125696	1047290	2814038	6650588	1616811	1070053	3258552	1384779

Rice Lipid Raw Data	GW282	GW283	GW284	GW285	GW286	GW287	GW288	GW290
TAG 48:1	2138294	2629808	1817574	4084353	2702881	1550579	1691903	1923923
TAG 48:2	4661817	6036533	5777551	9720304	6872281	3081485	4256424	3870019
TAG 48:3 (1)	368866	376219	314164	673230	503924	292992	268580	288134
TAG 48:3 (2)	71006	36725	36257	38737	70198	71044	38745	65728
TAG 48:4(1)	212829	140374	113658	123816	211817	136663	76511	145981
TAG 48:4(2)	45972	18330	29476	29171	34865	36150	22221	23571
TAG 50:0	624550	587188	1198689	3060919	685117	681704	1419450	737437
TAG 50:1	24000000	23700000	29200000	40300000	28300000	24400000	29200000	27700000
TAG 50:2	45700000	46800000	59800000	70900000	51500000	43900000	54100000	49000000
TAG 50:3	11600000	12100000	11400000	19000000	15400000	10200000	10500000	11300000
TAG 50:4	8299431	7225083	6852758	7260803	11000000	5626664	4609752	6282514
TAG 50:5 (1)	401007	351374	466916	488534	655275	310197	326760	262314
TAG 50:5 (2)	79973	25319	31755	15976	66624	69098	24023	63987
TAG 52:0	502556	455419	769137	1556424	507660	577291	844145	577712
TAG 52:1	10500000	9767025	11500000	19700000	10700000	12500000	11300000	12800000
TAG 52:2	51300000	53800000	55300000	60300000	56800000	54000000	52600000	57800000
TAG 52:3	77900000	78600000	75500000	86700000	85800000	81800000	78900000	82200000
TAG 52:4	86400000	73700000	84500000	91000000	91900000	81500000	78100000	86400000
TAG 52:5	14100000	10400000	17300000	20300000	17100000	13800000	16900000	15500000
TAG 52:6	436170	326898	695253	969324	535775	467682	774982	438260
TAG 54:0	201568	181263	301446	596453	208088	260161	316774	244417
TAG 54:1	5522633	4529918	5655555	9702573	4854434	6918360	5306388	6662683
TAG 54:2	21700000	22300000	21900000	30000000	22600000	28100000	20000000	26300000
TAG 54:3	51800000	57500000	52000000	57400000	54500000	57400000	49600000	56600000
TAG 54:4	71600000	69300000	69200000	81000000	78000000	78600000	67700000	79700000
TAG 54:5	86100000	77700000	71600000	82700000	91600000	89800000	69600000	89600000
TAG 54:6	63800000	47700000	46000000	46800000	61400000	57600000	44600000	63100000
TAG 54:7	9639755	5892481	8725137	7755640	11500000	9630880	8244580	10600000
TAG 54:8	425700	227447	507114	489473	554438	486604	581271	489650
TAG 56:0	79666	78321	198955	391296	102930	95900	196603	100714
TAG 56:1	1665258	1297342	1979872	3338746	1504985	2259860	1860103	2115847
TAG 56:2	8349742	8130195	10500000	14600000	8991011	11200000	9368828	11100000
TAG 56:3	12000000	10600000	11400000	16000000	13400000	15300000	10000000	15700000
TAG 56:4	11000000	7187224	8767981	7574522	9092973	10200000	7408017	11200000
TAG 58:0	17401	17584	48757	134703	22650	25726	48017	27603
TAG 58:1	1400368	1381432	1909907	3099626	1609387	2023050	1750785	2007646
TAG 58:2	4359626	4356567	5709291	7915229	4688215	5749757	4749176	5799422
TAG 58:3	3422578	2720940	3255505	4535048	3364764	4047229	2926671	4161276
TAG 58:4	3956537	2923760	3276636	4128882	3736475	4403417	2896120	4535820
TAG 58:5	478856	239126	418042	561609	423851	411922	416042	406595
TAG 60:1	328796	375743	591289	1110459	385087	625664	472847	607210
TAG 60:2	2915963	3418630	4380385	5956005	3654237	4795119	3668340	4802792
TAG 60:3	3854960	3551711	3950341	5200116	4133931	5197904	3360698	5136442
TAG 60:4	4381225	4036084	4140486	4409820	4622650	5743575	3305849	5886340
TAG 60:5	299121	215250	454619	558170	374763	451230	426496	478392
TAG 60:6	27146	6349	22116	35642	21319	17714	29424	15962
DAG 34:1	41144	26284	53649	118353	111633	44720	67227	87540
DAG 34:2	88100	42256	141915	215637	265504	96741	158237	204557
DAG 36:2	72965	46828	113374	207971	228495	117374	123851	183912

Rice Lipid Raw Data	GW282	GW283	GW284	GW285	GW286	GW287	GW288	GW290
DAG 36:3	144300	62016	119919	212069	383323	151760	129930	298785
DAG 36:4	269055	112997	193527	214287	494455	214108	169930	364748
DAG 36:5	27340	10082	29089	30615	42029	21700	28545	30678
Lyso-MGDG 16:0	196688	505861	280836	485012	324075	276859	291409	209839
Lyso-MGDG 18:0	9728	31012	15584	55903	15661	25062	26842	19800
Lyso-MGDG 18:1	8503	10275	14790	17812	18977	15288	10703	31341
Lyso-MGDG 18:2	37888	35215	65768	41938	83136	47721	51573	94083
Lyso-DGDG 16:0	19647	41575	108917	91899	62063	41367	65579	60731
Lyso-DGDG 18:1	7988	7576	20229	23382	29997	33417	18412	31080
Lyso-DGDG 18:2	46658	19063	93595	53077	147714	138439	77117	140275
Lyso-PC 16:0	5946732	6307655	6224188	5343390	3783170	5586502	3609471	2921124
Lyso-PC 16:3	151529	80322	123774	55359	114743	120098	48965	44991
Lyso-PC 18:0	291126	621857	291405	673252	165012	479232	254211	248167
Lyso-PC 18:1	1426984	2066792	753003	832592	927385	1786680	421026	764903
Lyso-PC 18:2	3762938	1409900	2738138	1463743	2327167	3894834	1938555	1583267
Lyso-PC 18:3	1048420	1069000	1046845	952759	788792	1005559	759441	646175
Lyso-PE 16:0	385808	278832	570578	428841	276098	441737	287629	223376
Lyso-PE 18:0	13798	15645	6069	7987	21467	13413	6582	7348
Lyso-PE 18:1	59960	53156	49115	49521	48989	87736	30539	48640
Lyso-PE 18:2	286283	59645	318807	165054	245328	436405	216790	185404
Lyso-PE 18:3	78800	59715	105432	83370	60736	86674	62939	51872
SQDG 32:0	112977	38695	62401	85910	199598	42899	60810	74494
SQDG 34:2	22478	15347	8703	20318	28992	15448	25627	24407
PG 32:0	83100	41959	31615	61317	110617	49636	39930	73552
PG 34:1	77862	66394	59841	55910	102452	76985	85605	55041
PG 34:2	78196	110115	68612	123850	128340	129782	105409	73795
PG 36:3	19940	17894	13356	15022	29624	23277	19710	12235
PS 36:0	49730	70221	63605	53482	72986	76610	55101	39777
PS 36:1	15041	41396	34658	24681	22818	37312	23019	15872
PS 38:0	740476	677820	637515	648781	943610	760055	706542	639012
PS 38:1	469517	647827	418521	533809	601878	591575	476623	469887
PS 38:2	7868	14757	5350	12014	11658	7521	8979	14446
PS 40:0	38056	47111	37890	30369	61536	37479	60734	32733
PS 40:1	698099	477725	584331	460449	807862	593136	554452	478921
PS 40:2	690209	821129	651046	621463	971332	786707	722212	611127
PS 40:3	298788	591757	293928	366713	454564	509673	373523	302863
PS 40:4	21441	31073	9867	22845	31879	29059	19111	26507
PI 34:1	383809	363045	123836	205735	396908	313358	371998	333495
PI 34:2	783168	916335	285210	878305	954339	887767	926026	869520
PI 34:3	27424	27819	8242	30788	31890	24161	33454	40357
PI 36:4	76396	95622	27230	68461	95010	98178	90517	72456

Rice Lipid Raw Data	GW291	GW292	GW293	GW294	GW298	GW299	GW300	GW301
DGDG 32:0	48234	12869	32952	14441	13744	79448	15320	11034
DGDG 34:1	37520	23686	25293	23442	17455	31308	31174	12049
DGDG 34:2	245775	136322	189492	104803	109614	210171	139726	81291
DGDG 36:2	69722	17056	18328	17644	38718	45833	24032	12188
DGDG 36:3	52579	53441	56012	42829	34194	34102	68022	24491
DGDG 36:4	158023	125344	97270	116030	102394	109087	144402	104336
DGDG 36:5	48375	43639	37936	56475	39880	49648	76773	48332
DGDG 36:6	27129	24638	22727	39580	28383	49703	56661	42311
MGDG 32:0	22636	9663	17324	4255	10700	36121	8028	4079
MGDG 34:0	99256	62829	38619	17567	62519	109440	19542	13802
MGDG 34:1	18736	39502	10462	10939	15348	24548	25457	6244
MGDG 34:2(1)	80207	69991	85900	30508	82693	90950	58327	27077
MGDG 34:2(2)	87290	70409	85189	23723	48481	85366	47730	18312
MGDG 36:3	44514	39403	42050	25599	32151	17477	47716	13770
MGDG 36:4	75703	50291	61603	51895	62097	58497	72546	50049
MGDG 36:5	22958	16574	22639	19755	19455	27034	51767	19569
MGDG 36:6	15388	18861	19655	21823	19902	34599	53844	26038
PC 32:0	183076	369930	250065	203474	240047	285714	194834	191703
PC 32:1	218318	323841	325021	278503	250359	318434	604305	282969
PC 32:2	99916	183719	170829	158200	125363	138613	253168	172132
PC 34:1	5759182	6962018	6208395	6296528	5700612	6456376	6717057	6023153
PC 34:2	3736889	6373501	3820192	5181111	3942024	4277344	4608263	5587883
PC 34:3(1)	48404	122661	41488	136181	95703	73054	50408	106843
PC 34:3(2)	30279	62289	40623	34916	41611	47478	31749	32330
PC 34:4	33913	51190	50205	41972	38805	47070	96089	43428
PC 36:1(1)	34209	38693	27088	36994	27170	30856	46890	32948
PC 36:1(2)	289248	242423	145218	257528	319753	283184	345782	287136
PC 36:2	5346229	5297736	5015683	4850592	4831359	5243781	5805164	4758877
PC 36:3	7099564	8848343	7300561	7635959	6625410	7119839	8622404	8145564
PC 36:4(1)	2957338	5566447	3022033	4776574	3198350	3060486	4766779	5359285
PC 36:4(2)	798569	783509	802295	853919	791254	796450	813540	789009
PC 36:5(1)	158634	390491	162284	464906	232769	202932	299883	390101
PC 36:5(2)	630658	851965	638104	775803	652247	680993	707631	795769
PC 38:2(1)	39988	53038	38580	51579	29627	31768	41770	47164
PC 38:2(2)	34414	28732	21131	30547	28616	26180	20617	37550
PC 38:3	28512	52571	28829	51447	26802	29109	37961	53498
PC 38:4(1)	16774	18099	11883	18639	13401	14470	20811	14742
PC 38:4(2)	49786	40983	25639	43872	54117	47213	59114	47503
PC38:5	653151	642688	676772	645623	673445	683992	708899	626917
PC38:6	857599	887859	855017	823283	841283	877316	886252	851406
PE 34:1	416231	532315	426985	523852	523274	401218	467172	467938
PE 34:2	654231	871168	637709	897419	655711	686035	908030	848964
PE 34:3	9776	21516	7655	29549	24692	17151	12078	22206
PE 36:2	225848	205287	224174	229465	263398	194548	205992	192618
PE 36:3	616158	572953	531486	658406	632128	516009	656186	568061
PE 36:4	581454	627841	524908	683800	570369	491796	748392	736630
PE 36:5(1)	14218	29721	14347	40584	28135	20656	20573	32092
PE 36:5(2)	117807	141517	122704	147428	120517	126171	140124	144374
TAG 48:0	3090266	1891082	3414737	1166141	2029323	4389465	1302587	876362

Rice Lipid Raw Data	GW291	GW292	GW293	GW294	GW298	GW299	GW300	GW301
TAG 48:1	1624655	2870784	2675029	1876006	1835772	2373805	3044121	1458601
TAG 48:2	3755717	8028362	6762213	3926642	4150509	6097575	6119240	3077956
TAG 48:3 (1)	210094	465949	370891	300078	253368	339626	488280	243394
TAG 48:3 (2)	43193	87187	45022	60534	34973	29788	64225	30005
TAG 48:4(1)	65989	184359	106524	114998	84431	101876	161211	125493
TAG 48:4(2)	23092	53169	34508	32666	27807	24352	32799	24436
TAG 50:0	1458789	722982	1108655	575346	1055718	2004209	655310	504710
TAG 50:1	30300000	29200000	33600000	26700000	30200000	33600000	27700000	22100000
TAG 50:2	52800000	59300000	59900000	45600000	52900000	58700000	47400000	43100000
TAG 50:3	9446210	13500000	14100000	10600000	11000000	12800000	14800000	10000000
TAG 50:4	3557373	7698281	6903874	4878848	4542485	5992285	8093917	5094265
TAG 50:5 (1)	208102	352291	372187	298074	324715	366546	534396	264302
TAG 50:5 (2)	25702	79864	22363	54442	21727	19754	72845	33332
TAG 52:0	858499	485490	673007	458542	686258	1044042	457308	437097
TAG 52:1	12100000	9991409	11100000	9497756	12700000	15700000	11700000	8573804
TAG 52:2	54300000	51800000	55100000	52900000	53700000	54000000	53000000	47400000
TAG 52:3	77400000	83600000	82200000	79900000	78400000	77800000	79800000	72800000
TAG 52:4	78500000	93000000	82900000	77200000	77400000	82000000	82500000	80300000
TAG 52:5	14000000	17800000	15300000	13900000	15000000	17100000	15900000	14700000
TAG 52:6	488650	673815	575923	561594	611819	695286	531017	500304
TAG 54:0	324557	180677	263229	187059	240430	375867	176231	189832
TAG 54:1	5733011	4331725	4911731	4797272	5685675	6669124	4706515	4372718
TAG 54:2	22000000	20000000	22700000	20300000	24300000	26500000	23000000	19900000
TAG 54:3	53100000	50700000	53200000	51200000	53200000	52300000	52300000	49900000
TAG 54:4	68800000	74800000	69200000	72000000	65700000	70800000	74600000	71000000
TAG 54:5	72000000	87200000	76900000	85100000	74200000	75400000	87400000	83200000
TAG 54:6	41100000	62600000	41400000	49200000	40800000	45500000	54400000	55900000
TAG 54:7	5985105	11000000	6582662	8230358	7062744	7552985	10100000	10100000
TAG 54:8	301775	709932	347808	564348	423894	477835	578926	585396
TAG 56:0	195015	103665	191974	80253	142911	288458	90307	68577
TAG 56:1	1968238	1472457	1682245	1623786	1774859	2331041	1401320	1445659
TAG 56:2	10600000	7672673	9329969	8849327	9689084	11800000	8080063	7938416
TAG 56:3	12100000	12800000	11900000	12800000	10200000	12500000	11700000	12300000
TAG 56:4	7372761	9657254	7209249	9371207	6901237	6887818	7621889	9967911
TAG 58:0	45053	20105	38338	20093	35707	73479	21407	14741
TAG 58:1	1765058	1558261	1692292	1633482	1579592	2288271	1463821	1370412
TAG 58:2	5200802	4837687	4834377	4651479	4845447	6588819	4220903	4747670
TAG 58:3	3224960	3401338	3035902	3676378	2769115	3223966	3204333	3291571
TAG 58:4	3159205	3753307	3036530	3605356	2835840	3151950	2926355	4031902
TAG 58:5	388658	472748	396337	452165	370178	417530	336645	416270
TAG 60:1	455547	352032	456668	398991	437550	729394	408821	321641
TAG 60:2	4102916	3191902	3729876	3383317	3654817	5154582	3362552	3122052
TAG 60:3	3816193	4315750	3582986	4306291	3400455	4145280	4149285	4138997
TAG 60:4	3552633	4671568	3347354	4247148	3258159	3780832	3706436	4734593
TAG 60:5	365033	376847	335003	350988	358695	426164	348534	355322
TAG 60:6	18161	50137	25971	49826	31065	22683	20205	39557
DAG 34:1	81554	29487	81877	52439	91637	102482	149894	46949
DAG 34:2	165556	51200	165205	82084	218498	204798	330912	100943
DAG 36:2	141962	51715	124169	75969	166127	176825	247530	81095

Rice Lipid Raw Data	GW291	GW292	GW293	GW294	GW298	GW299	GW300	GW301
DAG 36:3	154237	101912	144833	150991	191363	219867	607250	185547
DAG 36:4	181630	157964	194647	225291	233627	245482	550553	302703
DAG 36:5	23300	20651	23376	25510	32472	30027	64386	38124
Lyso-MGDG 16:0	303004	691171	359982	356506	375055	409498	389680	279335
Lyso-MGDG 18:0	39771	40179	17459	18343	30513	43632	16227	15825
Lyso-MGDG 18:1	13578	18393	9758	23921	10088	13637	25302	12076
Lyso-MGDG 18:2	51664	22601	49511	59307	42259	48877	50957	51198
Lyso-DGDG 16:0	74501	20828	59632	49708	41103	80291	46927	29754
Lyso-DGDG 18:1	20659	3332	12984	28207	13695	14150	20575	14371
Lyso-DGDG 18:2	96676	7070	61556	104896	59448	55648	58610	79938
Lyso-PC 16:0	3933988	2249533	5473763	6566024	4715800	3666495	6811307	4463321
Lyso-PC 16:3	28027	20071	105473	127686	59554	42197	176579	82468
Lyso-PC 18:0	523707	196161	236293	344011	448163	435314	428117	233083
Lyso-PC 18:1	491911	346007	529353	1996439	698723	495600	2378162	1013648
Lyso-PC 18:2	1646449	289968	2705078	4059511	2604386	1253589	3199576	3410208
Lyso-PC 18:3	805310	500039	1001081	1045093	918446	782161	1108983	881016
Lyso-PE 16:0	285895	104689	340572	488641	347529	275542	520650	303043
Lyso-PE 18:0	5024	15644	10838	19289	8959	7176	27936	13574
Lyso-PE 18:1	30548	10323	30254	90291	40910	30809	107228	43984
Lyso-PE 18:2	154870	13595	217982	386981	215008	147390	293116	268929
Lyso-PE 18:3	62585	26168	70222	92381	71945	61746	99263	63183
SQDG 32:0	40863	80798	71392	76641	69048	57328	81789	30420
SQDG 34:2	13245	20472	14941	26893	22934	12428	15857	1555
PG 32:0	47241	74146	36102	76305	47361	52501	82386	44524
PG 34:1	79572	65308	97551	72741	90576	70966	65423	93718
PG 34:2	92247	83880	108424	95613	112800	86018	109867	108184
PG 36:3	23982	17717	24644	20182	28523	17913	19718	22993
PS 36:0	50478	43598	61748	59691	50363	49473	58647	96507
PS 36:1	21870	18291	33105	25683	26653	23192	26437	42506
PS 38:0	682207	712716	848669	731367	749859	717230	757837	819931
PS 38:1	532300	551262	776149	565655	672346	558264	608563	628302
PS 38:2	7518	8753	23515	8201	23987	16775	12946	10314
PS 40:0	54590	48634	44217	30887	42614	48567	48332	57704
PS 40:1	592767	619097	617709	598005	564311	570392	590299	665263
PS 40:2	783324	773277	1009142	757279	863677	754647	794988	987430
PS 40:3	463213	397637	654864	411918	574558	432500	424198	595299
PS 40:4	27792	20890	49098	21087	53546	33840	28844	37107
PI 34:1	478655	397820	612417	370587	522462	380561	205996	265229
PI 34:2	985646	893904	1094654	1018711	1008101	793572	607000	552105
PI 34:3	27786	19181	38336	24346	47800	35411	20174	15709
PI 36:4	115365	84787	141708	102495	126179	80107	55239	53291

Rice Lipid Raw Data	GW302	GW303	GW304	GW305	GW306	GW307	GW308	GW309
DGDG 32:0	11818	9144	11928	64478	20319	28039	16551	9508
DGDG 34:1	15682	13078	20773	31110	16562	20889	15455	13863
DGDG 34:2	101458	83297	109588	188782	173466	197701	153327	76195
DGDG 36:2	13171	10968	12706	40264	39620	28650	46510	12466
DGDG 36:3	42939	38520	49527	44271	34714	40630	46098	40556
DGDG 36:4	125819	111069	131000	103063	153885	132674	137306	105494
DGDG 36:5	44164	35882	49351	47678	39517	60069	39180	56165
DGDG 36:6	24226	14995	33053	40023	26959	45353	33719	33457
MGDG 32:0	4163	3013	3251	20198	11532	15595	10372	3097
MGDG 34:0	14412	11495	12930	88253	40976	18527	23701	19100
MGDG 34:1	12041	9518	18197	28157	11489	14961	12148	7187
MGDG 34:2(1)	32112	28958	34773	83997	86817	91506	65209	20220
MGDG 34:2(2)	23979	19507	22544	64467	60157	74554	58511	18924
MGDG 36:3	30593	23870	27221	31534	17299	31075	28861	28868
MGDG 36:4	56568	46054	45652	63202	77526	84992	69839	45515
MGDG 36:5	17360	14554	18645	40885	23079	39667	19581	18862
MGDG 36:6	12253	10259	17018	35340	22732	39099	23298	23696
PC 32:0	211467	147772	157342	133469	179229	126911	123540	186711
PC 32:1	306653	199974	256042	194855	244790	307696	158390	309254
PC 32:2	176832	156359	172748	83132	109188	124515	68961	184117
PC 34:1	5578804	4452493	5167600	4734316	6130073	4945084	5161943	6258531
PC 34:2	5119796	4218933	4687978	2527303	4082223	3044439	3142601	5249285
PC 34:3(1)	87814	59529	56456	41610	67409	39570	55862	212713
PC 34:3(2)	35263	23830	24577	19683	30190	21047	20352	30747
PC 34:4	47477	30628	39736	29740	37692	48375	22323	48474
PC 36:1(1)	32245	26424	27028	30007	24884	22871	41058	39776
PC 36:1(2)	215513	139199	157955	209601	238529	129320	230403	299335
PC 36:2	4369218	3512423	4110580	3840649	5019813	3719360	4472875	5367785
PC 36:3	7705467	6290815	7519320	5326240	6784064	5266061	6051544	8298604
PC 36:4(1)	4663702	3986585	4515855	2072820	3102800	2274696	2451176	4408004
PC 36:4(2)	801341	717742	757128	707157	782041	754474	694606	810775
PC 36:5(1)	298952	230083	272035	116077	192738	114801	130999	437637
PC 36:5(2)	764868	671962	716150	443845	664690	524485	547173	778524
PC 38:2(1)	44782	41963	38659	23775	35387	24677	25389	58841
PC 38:2(2)	31939	24664	24278	25599	21582	14952	20684	23073
PC 38:3	47969	39942	43654	15575	27825	16047	19622	53560
PC 38:4(1)	14567	12851	12936	14592	10718	10829	18992	18184
PC 38:4(2)	36681	22279	27039	35970	40484	21416	38873	51044
PC38:5	643516	571575	685918	599392	655950	608131	663896	708129
PC38:6	865032	798389	898547	781512	837440	762152	784046	869309
PE 34:1	478677	380999	342024	297745	484111	264105	435589	582949
PE 34:2	836065	682272	710492	544217	714632	507282	582853	837809
PE 34:3	22241	14252	9075	8390	16208	6843	13151	47695
PE 36:2	192318	156770	132412	101721	234144	91879	223806	276936
PE 36:3	576274	508555	461448	366695	572472	356135	520227	707733
PE 36:4	686839	565421	563628	429040	568369	391820	443991	709894
PE 36:5(1)	27795	20596	17231	11445	20879	9972	15875	48996
PE 36:5(2)	143889	126839	127289	102222	130930	99912	108950	143258
TAG 48:0	1070332	802027	1182205	3221957	2778966	2363770	1912614	924218

Rice Lipid Raw Data	GW302	GW303	GW304	GW305	GW306	GW307	GW308	GW309
TAG 48:1	1902533	1204741	1947510	1514424	1839547	1851440	1239260	1592126
TAG 48:2	4184562	2532367	4079421	4051559	3520682	5270416	1979398	3071837
TAG 48:3 (1)	307853	202816	271534	238232	228109	289204	133170	243761
TAG 48:3 (2)	52490	53854	40762	48833	31031	49643	32381	73116
TAG 48:4(1)	140826	98726	115232	91023	78082	103274	54882	127564
TAG 48:4(2)	28227	23075	21855	31340	17157	28073	13851	35260
TAG 50:0	525930	423916	492469	1629424	1237857	900719	995101	530142
TAG 50:1	24300000	20300000	25100000	28500000	31300000	27300000	27700000	22300000
TAG 50:2	45700000	38400000	46800000	51700000	53800000	51800000	46000000	41100000
TAG 50:3	11300000	8096184	10400000	9546609	11200000	11100000	7823248	8958477
TAG 50:4	6065829	3926861	5028165	4623567	4293638	6061930	2471320	4800315
TAG 50:5 (1)	278929	174238	248091	281306	249710	343738	118526	220894
TAG 50:5 (2)	56068	54368	40296	30529	18746	26739	20423	74920
TAG 52:0	414522	364378	416981	988083	761106	601399	740228	410754
TAG 52:1	8312798	6192783	7837595	12800000	12900000	10000000	11900000	9671844
TAG 52:2	49100000	46500000	49000000	53600000	52800000	50500000	51600000	49000000
TAG 52:3	79200000	75300000	76300000	72000000	79000000	74600000	75000000	74500000
TAG 52:4	86100000	71800000	80900000	80800000	85700000	78000000	73300000	77200000
TAG 52:5	14200000	11500000	13300000	16600000	17300000	14100000	12500000	13300000
TAG 52:6	431233	290718	335326	668530	695632	550858	383386	470154
TAG 54:0	172571	144852	159055	367818	287803	221937	276237	171654
TAG 54:1	3994223	3105176	3657998	6241169	5770731	4480845	5560712	4159284
TAG 54:2	17900000	15300000	16800000	21800000	23200000	19800000	22800000	18500000
TAG 54:3	48100000	45800000	49600000	48100000	49700000	48100000	51100000	47600000
TAG 54:4	72000000	66800000	70000000	67700000	68400000	65500000	67500000	70200000
TAG 54:5	84100000	76300000	79700000	68400000	73900000	66900000	71700000	77100000
TAG 54:6	59200000	49000000	53300000	46300000	46000000	41500000	41200000	50100000
TAG 54:7	9829069	7672728	8193611	8949838	8156907	6768874	6483612	8656439
TAG 54:8	489816	337531	363971	572131	480696	364662	318265	562008
TAG 56:0	69334	55942	74740	240119	182615	168005	162565	67540
TAG 56:1	1290370	1021884	1181726	2310888	2015571	1572642	2077900	1399308
TAG 56:2	7585858	6315846	6989534	10400000	10300000	8518511	11300000	7685980
TAG 56:3	12300000	10700000	11500000	11100000	11400000	10100000	12100000	12200000
TAG 56:4	9271615	8576992	8236762	8346482	7231506	6542112	7626505	8509463
TAG 58:0	14708	10474	15254	68494	37388	36374	37272	15405
TAG 58:1	1303785	1115669	1305328	2050102	1856719	1595028	1859967	1314592
TAG 58:2	4409404	3564373	4072781	5770907	5296561	5042730	5430413	3854077
TAG 58:3	3141330	2738767	2925758	3321011	2860672	2864394	3277834	3063676
TAG 58:4	3499980	2896428	3046999	3330777	3042834	2620077	3346144	3215400
TAG 58:5	417641	308202	371374	422773	380306	337153	348269	439149
TAG 60:1	304053	242029	291444	661015	430512	436700	510509	312099
TAG 60:2	2888433	2422872	2733073	4152257	3965889	3763996	4195698	2841353
TAG 60:3	3997017	3425052	3850008	3888849	3359921	3460441	3678232	3627936
TAG 60:4	4236098	3625216	3935473	4018282	3374818	3320212	3655471	3596604
TAG 60:5	283124	238971	245546	465912	324423	343626	327257	309139
TAG 60:6	29833	19622	16005	24287	25738	21026	14007	57228
DAG 34:1	59099	36055	44325	43082	87152	64404	42159	47334
DAG 34:2	129999	69540	77122	103785	171461	145607	86164	89883
DAG 36:2	83541	56868	57676	109905	137853	119976	93873	79216

Rice Lipid Raw Data	GW302	GW303	GW304	GW305	GW306	GW307	GW308	GW309
DAG 36:3	200041	142839	158315	86809	167870	144610	99828	169141
DAG 36:4	316407	251117	276080	132658	238801	174348	119979	248814
DAG 36:5	29346	24033	25968	24556	31394	21775	16822	27560
Lyso-MGDG 16:0	298481	228410	255389	302814	383185	336269	192984	219439
Lyso-MGDG 18:0	11078	7922	10393	26544	23200	10644	17067	10237
Lyso-MGDG 18:1	18087	13894	18611	13309	10621	11692	12627	11243
Lyso-MGDG 18:2	50033	49677	45300	44132	57004	54661	62845	34134
Lyso-DGDG 16:0	43472	40611	50150	54963	76533	62096	52143	23661
Lyso-DGDG 18:1	21756	18244	23617	17775	16387	12881	18759	13774
Lyso-DGDG 18:2	110692	93854	95746	51432	122520	65903	93910	50446
Lyso-PC 16:0	5871823	5317151	5616666	2311789	5330228	5018728	2503857	5058796
Lyso-PC 16:3	144423	103116	100509	22788	61751	113285	20326	117713
Lyso-PC 18:0	272301	230108	215328	238333	392652	196792	248544	285432
Lyso-PC 18:1	1442918	1120246	1256627	294656	534018	496665	360800	1183540
Lyso-PC 18:2	3388507	3099628	2863755	1015480	2987892	2579311	1333481	2954213
Lyso-PC 18:3	1023150	974578	1022693	506692	963440	941414	539226	927013
Lyso-PE 16:0	483187	446867	419235	162685	393154	311891	242642	381662
Lyso-PE 18:0	16959	11058	11192	3528	6352	14036	1519	11081
Lyso-PE 18:1	80944	66897	66048	17830	30054	26293	26613	66789
Lyso-PE 18:2	375221	333115	275550	95036	264636	222139	151265	277466
Lyso-PE 18:3	93245	86694	83555	39444	79145	65727	52505	75788
SQDG 32:0	62302	56077	54612	50706	53206	82523	94570	48936
SQDG 34:2	16001	6112	12140	7907	24189	16065	22642	16956
PG 32:0	38309	41268	35747	43458	72898	56197	62191	48925
PG 34:1	68501	79798	65756	71504	45559	67435	51683	62094
PG 34:2	101467	102406	94785	111606	75253	90906	101167	78087
PG 36:3	25605	26523	22458	23254	10066	16453	13714	18277
PS 36:0	53315	56899	40269	49886	39169	49022	59223	29540
PS 36:1	31997	33532	25230	29863	15798	20256	23473	12718
PS 38:0	744000	700559	632801	671538	639654	753448	635852	694841
PS 38:1	748135	691592	606807	655288	414028	580238	471697	470720
PS 38:2	20368	17274	11945	10797	7383	12896	7501	10612
PS 40:0	46853	37868	27030	28757	36479	39635	24289	38074
PS 40:1	574441	552521	497692	519653	462937	614217	507156	566829
PS 40:2	910204	825809	720312	812779	641559	749570	648695	684861
PS 40:3	634533	613015	536246	600238	297892	399317	316036	348465
PS 40:4	50295	39739	31086	36239	16162	24804	16130	19653
PI 34:1	383348	279376	412737	380651	283883	370853	275185	341498
PI 34:2	820386	606595	901749	977792	923073	923156	934544	766765
PI 34:3	27832	17479	26581	25754	32653	33536	26101	23085
PI 36:4	112695	72410	126780	125447	75894	76216	71847	74752

Rice Lipid Raw Data	GW310	GW311	GW312	GW313	GW314	GW315	GW316	GW317
DGDG 32:0	13478	7804	12531	12701	12674	28229	44712	47760
DGDG 34:1	17105	17141	20357	19627	16930	27620	32628	30197
DGDG 34:2	105211	80579	109949	146244	116803	170481	258981	224120
DGDG 36:2	18912	24326	23464	29721	22351	45491	26578	23662
DGDG 36:3	41905	49495	55022	70613	58064	50758	51943	63714
DGDG 36:4	124903	118891	123549	202878	142903	165547	158937	156952
DGDG 36:5	69774	42173	59553	75601	73712	79988	52635	84441
DGDG 36:6	51899	24456	27483	81259	65620	60812	33433	66650
MGDG 32:0	5017	7265	11700	5179	6872	12336	14820	19021
MGDG 34:0	16600	7982	35849	15538	4892	57266	47127	40665
MGDG 34:1	6858	7980	14080	22943	4776	29066	20716	8908
MGDG 34:2(1)	20840	13199	33700	55538	25116	154394	137509	101154
MGDG 34:2(2)	27376	27490	99155	32507	32490	63955	74525	64001
MGDG 36:3	26022	21325	43476	29989	33925	48420	42373	34405
MGDG 36:4	65187	47820	80633	88547	89848	109649	85946	76646
MGDG 36:5	38320	15415	50507	51141	51012	49653	36474	47341
MGDG 36:6	42324	15762	38281	56116	54051	50647	32545	54957
PC 32:0	143635	135080	326767	88446	98469	253493	233939	338459
PC 32:1	307961	196289	792341	347778	421523	324263	209726	260415
PC 32:2	151202	113837	347562	182885	147082	133022	131755	138017
PC 34:1	6350457	4305085	7872973	6171264	6395194	7353311	5500250	7138219
PC 34:2	5218793	3459485	5676413	3526732	3269857	4622378	3998596	5348110
PC 34:3(1)	140918	46000	60063	44836	33598	87104	86999	189317
PC 34:3(2)	21889	21799	54706	14156	13184	39367	40104	54727
PC 34:4	47281	28686	130384	54677	66148	49739	30902	38603
PC 36:1(1)	36670	36623	39362	31728	46443	58035	32035	26410
PC 36:1(2)	313815	312078	463739	314617	318316	341691	167413	230988
PC 36:2	4764681	4585204	6866512	6331061	6038465	6236901	3936378	5498086
PC 36:3	7880398	6750804	9725533	7954669	7007072	7936922	6472909	7938539
PC 36:4(1)	4437790	3854315	5090020	3209365	2609643	3696964	3041690	3824153
PC 36:4(2)	790480	670560	833904	781532	784191	842635	752926	777376
PC 36:5(1)	328388	241041	249033	173012	119579	249920	226909	417559
PC 36:5(2)	778348	578969	819984	599537	549110	722590	654200	780636
PC 38:2(1)	42028	30641	48107	36438	29569	28718	32308	47426
PC 38:2(2)	22205	30079	22168	12466	9681	17861	22201	17745
PC 38:3	38001	32323	41721	31070	18804	25782	27295	39414
PC 38:4(1)	17354	16672	17190	15255	21582	29157	14774	12103
PC 38:4(2)	53598	54824	81627	53312	54790	57153	28555	40392
PC38:5	721954	637472	678831	752260	745847	703956	589775	689673
PC38:6	850791	806760	880372	882269	888588	836471	824393	887939
PE 34:1	530335	377733	783878	367952	489173	626535	463339	648685
PE 34:2	945702	574366	1153319	633863	745457	912174	738318	1058826
PE 34:3	33263	10351	13209	9280	8734	23456	19951	43913
PE 36:2	207723	204727	380145	168771	221021	274938	195093	305975
PE 36:3	617685	551284	910280	476688	572647	687558	537824	819747
PE 36:4	778255	577169	865615	493607	541987	636498	664822	850042
PE 36:5(1)	37146	17140	23539	11863	12429	28141	25578	48429
PE 36:5(2)	154462	105257	172426	112413	133593	145730	131808	167450
TAG 48:0	1100368	764370	1621303	908155	1716963	2885748	2891165	2578956

Rice Lipid Raw Data	GW310	GW311	GW312	GW313	GW314	GW315	GW316	GW317
TAG 48:1	1936046	1275745	4185407	1670078	1612878	1975534	1880852	1570135
TAG 48:2	3950743	2297933	8502006	2910591	2985047	3928999	4814504	3531400
TAG 48:3 (1)	304085	222667	567798	257333	215860	245166	283122	229472
TAG 48:3 (2)	51156	42471	76141	44673	48722	63064	61249	58641
TAG 48:4(1)	123597	109315	180220	128846	110936	92825	83890	69241
TAG 48:4(2)	27632	20689	43262	24035	19109	29060	27060	22006
TAG 50:0	588059	545674	735394	550412	1131041	1450931	987118	926182
TAG 50:1	24800000	21200000	27900000	24600000	26100000	31900000	30300000	30200000
TAG 50:2	46100000	39300000	51400000	43700000	43900000	55900000	56200000	52100000
TAG 50:3	11500000	8456790	18500000	10500000	9541824	11800000	10700000	9902782
TAG 50:4	5624470	4842564	9786097	5550932	5722507	4820446	5010751	4023565
TAG 50:5 (1)	331244	282086	622449	237957	219045	222267	345036	266779
TAG 50:5 (2)	47841	46172	65306	42178	40599	39654	36385	31136
TAG 52:0	445159	470836	477815	501197	882950	892178	613364	586639
TAG 52:1	10900000	11500000	11800000	12300000	14100000	16000000	10100000	10100000
TAG 52:2	50400000	49400000	52900000	52100000	54000000	53700000	49900000	53000000
TAG 52:3	77500000	70400000	78300000	76700000	76200000	75600000	73400000	75300000
TAG 52:4	80300000	74800000	83900000	80400000	70800000	82500000	82400000	79300000
TAG 52:5	14800000	12500000	16900000	12100000	11000000	15800000	15300000	15700000
TAG 52:6	600914	397377	525122	406882	302606	554076	571987	718280
TAG 54:0	177464	196763	198470	222143	372257	336085	229108	228285
TAG 54:1	4844874	5401815	4757480	6256360	7108237	7434614	4672828	4521034
TAG 54:2	22300000	22800000	23900000	25500000	26300000	29000000	19100000	19000000
TAG 54:3	49600000	51800000	53600000	51900000	54400000	52500000	45400000	48800000
TAG 54:4	70500000	70500000	72800000	73700000	72800000	73600000	67000000	70700000
TAG 54:5	79900000	76200000	85300000	84500000	78000000	79400000	71700000	73100000
TAG 54:6	51300000	53000000	55700000	55300000	51400000	46200000	44600000	41100000
TAG 54:7	9315115	8598017	10700000	8109570	6711506	7893671	7507754	7514380
TAG 54:8	636542	453116	583614	424411	307952	427229	428810	507106
TAG 56:0	64573	65123	110449	77288	152398	196339	169645	166042
TAG 56:1	1502957	1690075	1541609	1861388	2101056	2488764	1542274	1569903
TAG 56:2	8266737	8574840	8900886	10900000	11200000	13200000	8325290	8214341
TAG 56:3	12400000	11300000	13000000	12900000	13700000	14100000	11000000	10500000
TAG 56:4	8904298	8534157	8028001	8046742	6648290	7788121	7566477	6340559
TAG 58:0	13699	15001	24373	20074	39740	50056	31055	33582
TAG 58:1	1290230	1320031	1711662	1739797	1793924	2159729	1604056	1568256
TAG 58:2	4191826	4112313	5065870	5181124	5143657	6324027	4830016	4743376
TAG 58:3	3287085	3111717	3401389	3393654	3064127	3725784	2852612	2999727
TAG 58:4	3349939	3415192	3420311	3566634	2799492	3626837	2971927	2752103
TAG 58:5	389355	326849	303368	298076	247165	430977	452117	401529
TAG 60:1	290413	329796	477692	537757	555989	664618	358750	377464
TAG 60:2	2791257	2956377	3922449	4409231	4819895	4840067	3262860	3540497
TAG 60:3	3656077	3526542	4822328	4738286	4103056	4286877	3393625	3524859
TAG 60:4	3679030	3855476	4539127	4666784	3559344	4255186	3507311	3240652
TAG 60:5	306434	279490	370901	316562	222221	413623	340861	343547
TAG 60:6	42065	16626	19823	15327	12100	41400	33330	42382
DAG 34:1	45676	69372	93304	47233	61417	124264	96674	109512
DAG 34:2	113223	158333	165505	111517	110840	260499	210144	217690
DAG 36:2	97190	138886	135086	126376	165941	220577	121458	137876

Rice Lipid Raw Data	GW310	GW311	GW312	GW313	GW314	GW315	GW316	GW317
DAG 36:3	166914	221179	328539	178320	165656	274189	274278	337199
DAG 36:4	240699	314864	345876	247595	187271	278067	354894	361756
DAG 36:5	26947	30483	42709	21860	17398	33199	43650	58743
Lyso-MGDG 16:0	214531	192428	254900	329844	187093	353166	448499	292301
Lyso-MGDG 18:0	10376	16671	16170	23630	9030	27481	20638	11564
Lyso-MGDG 18:1	18725	16854	7953	11609	7356	11846	7606	7399
Lyso-MGDG 18:2	52727	45741	19507	43665	33909	47329	46151	41749
Lyso-DGDG 16:0	37889	32657	10234	35459	28773	38244	64027	58472
Lyso-DGDG 18:1	21141	21468	1507	21899	12749	15623	15151	8005
Lyso-DGDG 18:2	80961	79868	5900	95898	59691	54739	93635	47628
Lyso-PC 16:0	4437243	3905742	4063704	3716150	3473636	3043692	4574860	4706735
Lyso-PC 16:3	125691	87216	56110	76639	101470	29096	73697	64074
Lyso-PC 18:0	296378	438830	476628	319180	238098	295819	217986	198304
Lyso-PC 18:1	1189533	1312047	669869	1238966	990228	514234	418183	543451
Lyso-PC 18:2	2994130	2977193	570312	2279645	2444430	1606336	2624734	2567392
Lyso-PC 18:3	854566	795606	829370	765334	724539	647158	856230	899555
Lyso-PE 16:0	375129	341997	198446	296910	309671	214200	344502	341448
Lyso-PE 18:0	9025	8966	7496	12075	11799	4457	12317	8457
Lyso-PE 18:1	72730	79356	23687	64934	60611	29164	28641	39983
Lyso-PE 18:2	368389	337117	35658	214340	260725	136020	247370	291906
Lyso-PE 18:3	76081	72354	46225	62489	66231	48854	69858	71256
SQDG 32:0	58194	54510	41217	55719	67442	40142	57309	55868
SQDG 34:2	21899	29400	18874	23454	18294	22275	22290	19394
PG 32:0	40868	51545	36464	39359	35829	36963	83148	92583
PG 34:1	97288	95091	82714	104221	87634	84252	100104	74112
PG 34:2	98430	126847	93148	97078	108846	100897	130472	107454
PG 36:3	27909	24661	30136	22502	24233	19172	25549	17010
PS 36:0	55111	53716	40324	130414	62121	69028	56618	44181
PS 36:1	29871	27325	22623	55484	28916	25533	24166	21116
PS 38:0	771198	736984	599419	909999	751540	744609	846803	685061
PS 38:1	660009	659534	537195	755894	541844	496774	617217	586921
PS 38:2	36575	26617	8939	9351	7915	5921	15893	14668
PS 40:0	50251	53286	53071	72798	53348	54005	54553	29020
PS 40:1	590677	564883	563723	804702	675773	670528	696470	501140
PS 40:2	897067	848872	739947	1121056	870516	804513	880700	712981
PS 40:3	553502	544297	511300	591159	423954	357162	461096	428024
PS 40:4	59360	43736	30514	30885	21218	14962	36160	29248
PI 34:1	554850	390232	391300	591819	257357	397207	383709	327022
PI 34:2	988941	908415	852698	962045	563837	956075	853841	849132
PI 34:3	67038	39197	27372	24519	17658	26018	31338	31014
PI 36:4	132114	97360	164225	105348	72369	84063	68615	78818

Rice Lipid Raw Data	GW318	GW319	GW320	GW321	GW322	GW323	GW325	GW326
DGDG 32:0	8664	10789	108700	15100	31450	7706	10415	9842
DGDG 34:1	15102	20639	51319	6399	13320	9735	17994	12131
DGDG 34:2	98403	142739	411149	44875	92458	69875	99615	101543
DGDG 36:2	17464	20366	99025	7317	18963	11639	11683	25946
DGDG 36:3	57073	61082	48203	13342	18691	31529	41622	43291
DGDG 36:4	181119	167869	207747	28788	38306	97080	111993	123481
DGDG 36:5	83533	50496	91635	12147	12813	49150	61072	44880
DGDG 36:6	41876	25896	109575	9436	13670	30269	41041	29821
MGDG 32:0	4585	9895	24754	6013	17962	3384	6936	6491
MGDG 34:0	7050	28648	136727	23306	45182	8118	45437	20628
MGDG 34:1	12252	37934	31197	2030	20490	10023	26695	5746
MGDG 34:2(1)	45167	120384	193814	14348	72846	41960	62448	58617
MGDG 34:2(2)	24301	66980	112542	25146	35115	18560	42600	39192
MGDG 36:3	33582	30705	28999	9170	7264	14766	21484	25908
MGDG 36:4	92730	90096	103062	17556	13757	51030	42568	62402
MGDG 36:5	48009	32770	47819	4294	2392	30113	22948	26111
MGDG 36:6	35203	24334	75851	7192	5563	23211	25523	23835
PC 32:0	167081	316710	269541	191442	141602	128863	302430	147734
PC 32:1	448089	376718	300154	117592	120071	220194	426276	242821
PC 32:2	259344	184339	168083	57770	61369	86589	234388	105439
PC 34:1	6554036	6605732	7276150	3216084	2927196	4066354	6962057	6241150
PC 34:2	5537440	4938698	5696196	1871248	1956584	2386170	5712970	3546854
PC 34:3(1)	55006	56905	137596	31957	36721	33838	74236	68495
PC 34:3(2)	25986	54678	45886	31301	24157	21086	51646	23119
PC 34:4	70751	57642	45004	16332	17356	34140	65457	37227
PC 36:1(1)	40504	29597	46976	26678	27525	37654	33270	30359
PC 36:1(2)	294376	254687	306089	116754	114955	156187	242010	201976
PC 36:2	5235214	5172459	4780214	2054200	2115422	3840449	5493988	5032126
PC 36:3	8756660	7743367	8105347	2563882	3145800	5032935	8560626	6670557
PC 36:4(1)	5166646	4222206	4207956	928620	1459775	2074359	4808434	2688666
PC 36:4(2)	783130	802741	804818	538326	495183	661102	767239	778984
PC 36:5(1)	275721	209549	288340	46025	89688	101539	259170	156811
PC 36:5(2)	821887	757217	789482	330248	350089	419090	776415	586913
PC 38:2(1)	51002	46157	31100	15745	13799	25481	46481	32765
PC 38:2(2)	38222	29680	26979	14790	12435	11146	31651	20053
PC 38:3	51356	40534	32963	9400	11289	14682	46526	23453
PC 38:4(1)	18810	14018	19111	12247	13625	18421	14620	15001
PC 38:4(2)	51449	42808	50315	19251	18339	25999	40202	35018
PC38:5	716904	675410	527323	390838	342084	609171	694918	719016
PC38:6	894357	871971	870697	433382	509138	708947	846763	813842
PE 34:1	418191	367307	449872	308185	174093	302470	422336	426940
PE 34:2	817484	557769	1100674	354673	269450	523539	732163	609615
PE 34:3	12126	8937	27423	5691	5716	7029	10692	13206
PE 36:2	186949	164950	148270	117757	67657	124516	181340	225314
PE 36:3	586776	474679	577358	287510	205623	388713	539916	540369
PE 36:4	758300	570846	863864	210290	234731	406672	653690	536863
PE 36:5(1)	20900	14656	32123	5098	6245	8667	18574	18844
PE 36:5(2)	136244	105909	170378	81305	61413	102306	126989	117897
TAG 48:0	1130198	1342816	4266968	1934077	2547538	1263853	1531062	1794724

Rice Lipid Raw Data	GW318	GW319	GW320	GW321	GW322	GW323	GW325	GW326
TAG 48:1	2003482	1874012	1933660	1346618	1401588	1344962	3170378	1568779
TAG 48:2	3992508	3697462	5353103	2874464	3152488	2342226	7464506	3143630
TAG 48:3 (1)	321247	246300	278745	145043	156404	169102	445432	197616
TAG 48:3 (2)	72084	75637	47596	39982	20773	62785	85598	38298
TAG 48:4(1)	165884	115410	93137	51002	65516	72510	159024	76249
TAG 48:4(2)	47558	29147	35251	19502	13442	18331	47765	21643
TAG 50:0	554021	594307	1826751	785974	989749	637484	556999	809917
TAG 50:1	24700000	26600000	35600000	26900000	24300000	21900000	27600000	28800000
TAG 50:2	47800000	49300000	62300000	46100000	45800000	37100000	52900000	47800000
TAG 50:3	12400000	11300000	13000000	7995109	7669094	7501178	14100000	9197688
TAG 50:4	7197575	4853404	5554624	3625895	4064203	3498873	7633164	4371747
TAG 50:5 (1)	339729	193745	317663	173101	171266	161201	396964	225960
TAG 50:5 (2)	72114	59153	34461	24659	11797	44329	59913	27387
TAG 52:0	476262	472212	1010830	512491	614534	456201	406594	572463
TAG 52:1	10400000	9734448	14300000	8493133	8792983	8259269	8980722	9675191
TAG 52:2	51100000	52000000	52200000	48300000	50100000	49000000	52200000	52800000
TAG 52:3	76800000	77200000	77400000	71900000	68900000	72000000	78500000	74800000
TAG 52:4	84700000	80700000	88100000	71000000	69800000	67100000	81300000	78300000
TAG 52:5	16400000	12900000	17300000	12100000	10000000	9513677	15100000	14500000
TAG 52:6	526811	328398	732942	334659	276613	225526	421597	475994
TAG 54:0	199388	202894	387502	193789	220486	179853	166995	229175
TAG 54:1	5710868	4840508	6547250	3756862	3695642	3716255	4392370	5044833
TAG 54:2	21600000	21300000	25400000	16900000	16700000	17600000	20400000	20500000
TAG 54:3	50100000	51700000	49500000	48400000	47100000	50000000	51700000	53300000
TAG 54:4	73600000	73200000	70000000	66100000	63500000	68100000	72400000	70800000
TAG 54:5	83700000	83700000	77400000	67600000	61700000	73600000	83700000	74700000
TAG 54:6	67500000	52700000	46800000	40600000	37100000	41700000	52800000	45700000
TAG 54:7	11900000	7400202	7751218	6588037	4993163	6215279	9050974	8227240
TAG 54:8	549877	277586	451212	305995	205847	254047	429403	434955
TAG 56:0	99224	99043	282761	131622	149691	92405	96256	146981
TAG 56:1	1828975	1570219	2361587	1174152	1214144	1194144	1416330	1824781
TAG 56:2	10200000	9311473	11600000	7065965	6924777	7515461	7742001	10500000
TAG 56:3	14500000	13500000	13200000	8956972	7896534	10900000	12200000	12500000
TAG 56:4	10900000	8868578	8358563	5852860	5675636	5936931	8705158	7480523
TAG 58:0	20466	20469	69475	26944	33702	18810	17122	30682
TAG 58:1	1856286	1464065	2191950	1267387	1156331	1047695	1676557	1808013
TAG 58:2	5416851	4957136	6785864	3863694	3759154	3447140	4907433	5674033
TAG 58:3	4288865	3617288	3589932	2283181	1984340	2506652	3277055	3523899
TAG 58:4	4676887	3832280	3844976	2059422	2074239	2002766	3355207	3269593
TAG 58:5	400526	289155	514443	224626	204714	202549	383465	380616
TAG 60:1	445522	316282	613812	362453	314535	220881	346364	506377
TAG 60:2	4188435	3308918	4716947	2941063	2634476	2688692	3279479	4481787
TAG 60:3	5017458	4083339	4142172	2949960	2246100	2796235	4287127	4052195
TAG 60:4	5545391	4325040	4702870	2799056	2398460	2271342	4529363	4063794
TAG 60:5	434049	270910	549426	248186	184619	147964	313457	402865
TAG 60:6	25703	14437	47426	16707	7349	7581	23408	18294
DAG 34:1	79721	169119	142307	100218	77296	67522	53132	85815
DAG 34:2	169454	228047	291627	246649	153644	104514	85660	165514
DAG 36:2	141809	208258	203240	150141	105396	82682	48397	121860

Rice Lipid Raw Data	GW318	GW319	GW320	GW321	GW322	GW323	GW325	GW326
DAG 36:3	296706	901777	374517	222797	164576	209168	178617	233086
DAG 36:4	397975	843799	441639	272406	258685	302729	326428	297843
DAG 36:5	39241	59689	56849	28533	25488	26597	34234	36519
Lyso-MGDG 16:0	239896	413402	576961	172144	296253	174049	611457	215471
Lyso-MGDG 18:0	9961	15244	35230	10211	15789	5648	22723	10611
Lyso-MGDG 18:1	9280	26350	17289	9166	4706	8990	8770	6924
Lyso-MGDG 18:2	31915	112228	88278	28861	14898	43141	14457	40475
Lyso-DGDG 16:0	24797	48019	145852	33719	68672	25569	9596	30229
Lyso-DGDG 18:1	11025	18666	26651	13104	14374	14251	1365	10970
Lyso-DGDG 18:2	64717	95747	134650	47423	56153	73846	4712	56465
Lyso-PC 16:0	4968417	6177046	5961466	3461274	3506866	3600682	2972839	3424663
Lyso-PC 16:3	103831	105125	53620	31315	40487	68823	31435	42320
Lyso-PC 18:0	257905	272106	506813	217602	247088	168455	204381	215095
Lyso-PC 18:1	1232804	1377774	1080661	3811872	1180573	2357717	639282	702759
Lyso-PC 18:2	3363354	3738267	2605354	2349475	1430908	2836387	434234	2252951
Lyso-PC 18:3	915658	1039330	1012046	718710	710797	741877	641030	709781
Lyso-PE 16:0	360877	374213	415806	313194	256811	254508	130327	260131
Lyso-PE 18:0	12313	21617	9372	2130	3910	6568	19732	3104
Lyso-PE 18:1	60501	61143	55145	290874	58643	104680	21333	40940
Lyso-PE 18:2	288506	313875	276726	329790	124826	276311	22548	199305
Lyso-PE 18:3	74733	77324	80564	65557	55315	53906	30274	55478
SQDG 32:0	69664	43260	48428	65654	8502	26405	19210	53376
SQDG 34:2	17719	12376	20661	23777	0	0	1856	15208
PG 32:0	123553	50115	46087	59006	44207	45775	39281	36110
PG 34:1	99505	83444	71420	91809	25084	32309	44154	84845
PG 34:2	126153	111929	86595	118825	31272	52704	61181	103166
PG 36:3	20531	24001	18062	24376	7918	7543	12963	18679
PS 36:0	48974	77954	65305	74067	21787	23591	44305	72944
PS 36:1	26133	40134	33172	35859	9762	11673	15861	39194
PS 38:0	856301	793250	792659	885819	508756	450072	590474	834563
PS 38:1	691887	682459	625161	664131	296321	307562	398647	707933
PS 38:2	32450	10542	10930	15935	5155	6683	5687	15034
PS 40:0	40568	50405	45885	57470	21916	22851	29741	38990
PS 40:1	629523	593519	590656	687891	318887	333163	504345	615839
PS 40:2	863131	969142	837322	953098	396458	431066	603421	981300
PS 40:3	486136	609383	506877	522543	141365	207133	292947	600420
PS 40:4	46893	33312	27723	32893	5742	11951	12874	32036
PI 34:1	481823	381839	259087	319139	8063	34188	157316	269673
PI 34:2	957789	867106	610090	759285	13900	91645	486108	566482
PI 34:3	51505	23148	14268	24750	0	2518	12531	16511
PI 36:4	78097	102877	62328	73119	0	5864	39987	65875

Rice Lipid Raw Data	GW327	GW328	GW329	GW330	GW331	GW332	GW333	GW334
DGDG 32:0	13477	13372	18827	27064	21687	58816	26672	34825
DGDG 34:1	13214	15920	29653	31557	9565	33512	37636	103881
DGDG 34:2	75223	169757	144065	187401	73706	279176	236729	651794
DGDG 36:2	20410	17140	28865	41175	18902	34944	45555	101796
DGDG 36:3	46973	29626	73569	48646	29710	49292	67782	267213
DGDG 36:4	135916	109728	147222	119128	80725	97855	181139	568787
DGDG 36:5	97146	37973	73942	43221	33758	48145	84954	132632
DGDG 36:6	63799	33900	41971	31326	22645	55762	55876	196765
MGDG 32:0	9613	16191	17003	15767	18760	20020	14090	9976
MGDG 34:0	27609	27476	45494	58714	70633	66289	84706	58197
MGDG 34:1	10421	22434	19480	24153	5655	21661	29983	130293
MGDG 34:2(1)	55985	155282	46422	79600	57038	108872	69455	307516
MGDG 34:2(2)	23294	127321	99729	68255	28860	69440	88753	139811
MGDG 36:3	23940	22734	55528	29210	19330	37290	33273	90251
MGDG 36:4	77336	77213	87295	53891	42035	53029	79301	135007
MGDG 36:5	51347	31544	48376	14384	17826	36011	41533	42314
MGDG 36:6	49634	42028	40029	15547	15156	45214	38059	88060
PC 32:0	186263	186189	338646	170315	292082	138595	436205	211599
PC 32:1	271643	603112	595929	166127	236011	335006	411807	309330
PC 32:2	107181	306785	264532	83367	114105	141511	208486	324414
PC 34:1	8115365	6133817	8320696	4442357	5955813	5308587	6969514	6326125
PC 34:2	4396164	4738099	5924242	3242785	3686009	3495127	5228772	6124517
PC 34:3(1)	135916	59968	80817	44234	62266	32543	68563	226521
PC 34:3(2)	31249	30927	59892	27863	48278	21126	76703	35587
PC 34:4	40845	98637	95333	24763	36871	51347	64551	46458
PC 36:1(1)	39727	28893	42388	23128	28287	26303	28723	72791
PC 36:1(2)	221668	234307	387942	141709	265822	147919	258190	263928
PC 36:2	7176829	5966229	7191685	3435675	5821021	4494274	5269478	4457310
PC 36:3	8624192	8234236	10300000	5081703	6699258	6502728	8176806	8227476
PC 36:4(1)	3574719	4021674	5023334	2360607	2857803	2872706	4315117	5160141
PC 36:4(2)	867941	783543	802304	677750	786379	713758	794624	770238
PC 36:5(1)	317002	176919	363590	165789	196967	134816	223059	405121
PC 36:5(2)	682713	728415	810825	556118	607148	559410	738985	819807
PC 38:2(1)	46871	45044	47719	21635	44892	34580	48475	38399
PC 38:2(2)	19962	27395	24474	19900	23975	16728	21896	21717
PC 38:3	29129	39116	42614	17212	33043	24541	41564	54489
PC 38:4(1)	17310	13016	17961	10873	12486	12591	11704	32874
PC 38:4(2)	35758	39662	67611	23083	45531	24669	42873	44467
PC38:5	693902	667697	736337	542766	698810	572608	652713	555561
PC38:6	910210	832550	828507	709683	808386	792329	869532	890495
PE 34:1	715651	296542	648367	284671	392851	258842	458232	403373
PE 34:2	1114655	503509	1053704	441011	543119	554748	808741	1053206
PE 34:3	41427	20828	16221	7631	11397	6750	10673	41990
PE 36:2	190840	174682	305819	146668	235092	105328	158273	142230
PE 36:3	600457	507670	809425	375551	567313	414356	519892	477041
PE 36:4	686353	490809	799395	334807	481662	470931	556444	715640
PE 36:5(1)	33381	15690	26012	11713	19827	11616	16552	35610
PE 36:5(2)	170809	95611	158634	86197	104696	109917	134751	138771
TAG 48:0	2300950	2975478	2115752	3223270	2423653	3379274	2204904	2156218

Rice Lipid Raw Data	GW327	GW328	GW329	GW330	GW331	GW332	GW333	GW334
TAG 48:1	1471038	3468875	3369345	1718994	1714499	2383363	3664262	3001831
TAG 48:2	2610941	9478422	7198998	3856096	3438124	6415202	8587650	9872326
TAG 48:3 (1)	193926	600774	482527	200217	245337	333771	472017	555515
TAG 48:3 (2)	42074	31316	90304	30766	39541	41290	86015	61880
TAG 48:4(1)	65905	211068	153832	78628	87523	114378	168475	205737
TAG 48:4(2)	16974	35961	44813	14484	19702	27674	49295	49661
TAG 50:0	997851	1076392	868076	1291493	1055402	1203576	799507	744581
TAG 50:1	28800000	32000000	30500000	30100000	29900000	31900000	29600000	30700000
TAG 50:2	48200000	57600000	55100000	53300000	51800000	56800000	58300000	58800000
TAG 50:3	9722097	16900000	15500000	9631237	10900000	12700000	15500000	15400000
TAG 50:4	3215008	11600000	7944699	3845043	3920987	6498692	8370306	10500000
TAG 50:5 (1)	211574	573898	487409	155846	238985	292974	367007	562013
TAG 50:5 (2)	31065	23931	61674	17159	25340	19684	51084	44942
TAG 52:0	619061	770217	482125	768739	671189	752425	511612	484925
TAG 52:1	11100000	11900000	11900000	12000000	11600000	11200000	10900000	11800000
TAG 52:2	54400000	55300000	51600000	51400000	53700000	53200000	50000000	53000000
TAG 52:3	81300000	72500000	81100000	73700000	77100000	77200000	78100000	76200000
TAG 52:4	77100000	86900000	86200000	78300000	76700000	83900000	87800000	93600000
TAG 52:5	16200000	17400000	18500000	11500000	15700000	13000000	14500000	17400000
TAG 52:6	721078	642920	649879	305223	615581	432572	401041	736488
TAG 54:0	239060	306336	186571	304508	259302	321138	195765	207974
TAG 54:1	4954790	5268800	4926079	5339742	5863339	6161514	5449798	5541656
TAG 54:2	21900000	22400000	23600000	21500000	25400000	22600000	22300000	24000000
TAG 54:3	52500000	49300000	51800000	49100000	52300000	51300000	49600000	50800000
TAG 54:4	71500000	66400000	74700000	65000000	74800000	69000000	70400000	71500000
TAG 54:5	77400000	77900000	87200000	68000000	78600000	72800000	83300000	86200000
TAG 54:6	46100000	50700000	57600000	40400000	46000000	43300000	51800000	57700000
TAG 54:7	9252102	8467497	9978508	5089369	7956142	5847823	8079641	9151621
TAG 54:8	663197	426101	618539	194442	451240	255317	340629	621066
TAG 56:0	173634	199177	120254	198905	171759	230633	111800	116449
TAG 56:1	1686410	1669602	1558841	1911760	1997576	2423932	1679344	1965123
TAG 56:2	10500000	8908163	8590327	9072603	11900000	12400000	9466993	10300000
TAG 56:3	13700000	10800000	12600000	10100000	14700000	14000000	14000000	14800000
TAG 56:4	6867893	6551132	7133707	6507222	7013067	8612249	9525284	10300000
TAG 58:0	40970	35504	26991	47538	38554	55937	21783	25087
TAG 58:1	1772467	1643937	1599174	1680351	1817759	2254720	1744465	1844563
TAG 58:2	5188847	5028896	4732302	5357333	6016661	6991352	5481556	5900597
TAG 58:3	3634207	2731311	3350686	2868361	3623673	4153128	3492530	4061726
TAG 58:4	3138644	2746941	3180230	2902183	3491632	4094006	3669799	4784459
TAG 58:5	453653	323169	307814	247923	462666	384474	346352	562278
TAG 60:1	547755	421343	408255	437363	523200	672404	401454	512923
TAG 60:2	4821978	3759120	3527081	3369488	4846991	5432318	3570216	4050863
TAG 60:3	4522600	3261898	4134693	3095146	4318328	4608933	4484049	4795384
TAG 60:4	3936027	3224177	3873159	3022686	4196794	4463594	4669025	5611088
TAG 60:5	466196	286681	315195	209969	477389	348724	284894	444102
TAG 60:6	60039	15740	20225	10309	26552	16835	20966	36464
DAG 34:1	101883	65361	98159	95967	103240	66503	27856	34791
DAG 34:2	194958	145664	199606	173653	195095	140258	56728	80923
DAG 36:2	209608	117869	144279	97030	222862	111001	68421	69163

Rice Lipid Raw Data	GW327	GW328	GW329	GW330	GW331	GW332	GW333	GW334
DAG 36:3	281883	147899	317183	185000	218063	148227	96359	120216
DAG 36:4	278011	204803	335547	262742	227558	188442	143700	224531
DAG 36:5	43965	24174	39083	24083	29115	19575	12952	21428
Lyso-MGDG 16:0	237069	641610	294122	296050	334881	504787	549755	936610
Lyso-MGDG 18:0	11315	17356	22666	29565	32485	26152	26945	32960
Lyso-MGDG 18:1	8276	9530	12507	9181	4169	8057	7433	67324
Lyso-MGDG 18:2	31142	50378	23887	33914	20470	43872	15354	140592
Lyso-DGDG 16:0	20674	22204	18727	41631	32109	122943	40750	260738
Lyso-DGDG 18:1	13699	1464	4265	11144	7224	15779	3879	103708
Lyso-DGDG 18:2	42614	10801	15398	38278	31486	77450	10195	374065
Lyso-PC 16:0	3163459	3758578	3693322	3438583	4700297	3335547	3285461	3667998
Lyso-PC 16:3	32323	46592	30726	26348	41960	54454	33473	38870
Lyso-PC 18:0	202233	194752	478275	360374	457676	207713	384378	263395
Lyso-PC 18:1	641165	425946	604823	475881	460934	427016	519359	615936
Lyso-PC 18:2	1842600	778692	683279	1209904	2347078	1355352	398505	975833
Lyso-PC 18:3	675641	766887	757352	714899	885667	695178	687381	751405
Lyso-PE 16:0	317425	157438	202140	245670	292225	262930	140240	374578
Lyso-PE 18:0	4456	25259	5900	3041	5803	14718	13940	35224
Lyso-PE 18:1	39163	15140	22844	29064	26815	26174	12963	40499
Lyso-PE 18:2	214471	23271	54394	120949	221785	165294	14788	77805
Lyso-PE 18:3	67339	34842	45342	53116	62527	58070	32394	74310
SQDG 32:0	43313	50378	49560	42807	48546	52437	80379	59032
SQDG 34:2	15960	24165	21435	19852	19707	14471	25963	24786
PG 32:0	48040	73997	40592	48752	50163	69404	64635	51750
PG 34:1	59791	79284	51928	115407	62899	54865	56483	84365
PG 34:2	70968	99649	91386	120500	82539	68849	115892	108095
PG 36:3	15164	22181	14875	22397	15025	16547	14880	16266
PS 36:0	48973	51274	97587	95985	33898	48042	61696	73109
PS 36:1	19497	18604	47511	40400	15408	17971	24642	35081
PS 38:0	728211	933508	754923	940277	626140	745400	700546	817937
PS 38:1	525424	569147	613819	733000	499626	540379	512401	664610
PS 38:2	12764	23706	12102	16084	9201	11359	7166	13566
PS 40:0	36833	38558	41618	62409	26237	42946	27286	42973
PS 40:1	612388	777609	664636	816039	493255	617867	532857	606959
PS 40:2	714076	958049	882666	1128949	615883	732975	727912	890059
PS 40:3	352911	430320	491659	577178	331541	383482	384293	562826
PS 40:4	21772	33402	25470	39577	19525	23740	18293	27743
PI 34:1	239208	402747	166032	497918	343669	242060	133620	371035
PI 34:2	505457	929789	550310	893956	856554	599853	573209	865736
PI 34:3	15935	42572	13577	27360	24505	18569	14866	24475
PI 36:4	41684	96448	54348	81874	83028	57540	54013	75381

Rice Lipid Raw Data	GW335	GW336	GW337	GW339	GW340	GW341	GW342	GW343
DGDG 32:0	45255	24013	12063	10231	9441	49912	33183	7852
DGDG 34:1	23032	20309	20500	13502	18996	33387	31785	13281
DGDG 34:2	165637	131551	132943	85332	104794	232795	218821	100840
DGDG 36:2	26849	28171	18277	16267	16775	36313	70516	16154
DGDG 36:3	31621	41894	44483	34249	60774	48097	46171	32661
DGDG 36:4	143839	116555	140116	108641	164484	148105	141994	103931
DGDG 36:5	83955	43226	77495	55607	88231	61038	60574	43688
DGDG 36:6	82694	35829	53162	37593	54196	58023	80388	27983
MGDG 32:0	27945	12903	5069	3568	4352	17048	16007	6090
MGDG 34:0	72357	45227	5366	20884	21615	39493	55717	24023
MGDG 34:1	13552	13604	12771	4337	20197	17647	22627	14117
MGDG 34:2(1)	61697	73507	30947	20504	53819	105317	82158	58592
MGDG 34:2(2)	62610	45938	29871	23943	29169	66348	75674	31558
MGDG 36:3	21696	34209	21599	32543	43098	29641	16791	21694
MGDG 36:4	84003	63604	61107	60829	81873	88618	62644	50855
MGDG 36:5	52886	29850	34338	23541	47646	40164	31792	14969
MGDG 36:6	74432	41197	42884	28056	48005	51927	62597	23102
PC 32:0	249526	186709	195765	197542	296044	179669	110354	305476
PC 32:1	431198	310887	335888	373378	438106	247391	206915	302565
PC 32:2	208653	135433	200636	288941	279939	134774	110016	241147
PC 34:1	6577635	6784586	7096729	6981488	7642949	5667561	5469923	6898652
PC 34:2	4298204	4057198	5399499	6137128	6720562	3720889	3738721	6086172
PC 34:3(1)	110415	54858	96832	89016	113048	55425	99431	111520
PC 34:3(2)	41004	29885	31795	32602	48562	29365	17503	52522
PC 34:4	68448	48240	53819	59810	69710	36346	30701	45968
PC 36:1(1)	40972	27321	47712	49255	39533	30841	48462	42848
PC 36:1(2)	246793	293753	284891	402887	435230	209814	243304	289411
PC 36:2	5400488	6277103	5625870	5243126	5682625	4614458	4499053	4917278
PC 36:3	7168855	7834832	8987338	9074121	9595702	6478350	6968604	8597199
PC 36:4(1)	3333936	3184152	5268028	5998929	6038853	2848418	3342106	5281795
PC 36:4(2)	774988	827731	823663	787701	811359	732826	734760	823878
PC 36:5(1)	281685	179404	382452	399296	412366	155306	227094	432898
PC 36:5(2)	654846	641919	753824	817231	840869	602982	600411	810018
PC 38:2(1)	28417	43056	55788	46784	57537	29305	21945	43862
PC 38:2(2)	16686	33610	29209	42942	34993	15211	19286	35125
PC 38:3	21634	35263	50624	55572	52499	25047	21131	51383
PC 38:4(1)	18489	13183	19930	22634	17438	14806	23412	19952
PC 38:4(2)	40188	50725	47916	68930	74317	36060	41686	50385
PC38:5	656596	713701	655642	649175	694398	618493	625257	603551
PC38:6	833631	869094	849353	890322	908596	839181	859802	839463
PE 34:1	461831	594602	614692	521341	602820	364377	314122	511742
PE 34:2	716274	701182	1050966	945124	1059373	676680	701772	925104
PE 34:3	17490	13571	21838	20208	23427	12310	21163	17571
PE 36:2	191173	368635	235857	257527	245336	167884	145693	217410
PE 36:3	556102	738873	695556	776469	829062	485182	502004	708142
PE 36:4	645569	605271	827084	806661	953734	567065	599381	812459
PE 36:5(1)	25353	18840	29395	34594	39858	14654	23839	31379
PE 36:5(2)	131365	128805	163200	141526	164862	121446	127633	148348
TAG 48:0	4695006	2760946	1078657	1258460	1178141	3339476	2491460	979333

Rice Lipid Raw Data	GW335	GW336	GW337	GW339	GW340	GW341	GW342	GW343
TAG 48:1	3552708	2069907	1744284	2277997	2145438	1924451	1656758	1355775
TAG 48:2	8693389	4268942	3323993	5325795	3940982	4361955	3724461	2919289
TAG 48:3 (1)	499608	258602	273437	392875	360434	236309	216410	229056
TAG 48:3 (2)	37336	40935	86182	78209	125527	36968	33770	57050
TAG 48:4(1)	140746	86405	128305	190553	191131	93330	87294	103926
TAG 48:4(2)	28056	20190	37149	56762	53617	21090	25761	27413
TAG 50:0	1762565	1219964	524239	684512	628726	1372866	1519600	545499
TAG 50:1	35600000	32000000	26100000	26700000	26300000	33000000	30800000	22800000
TAG 50:2	58700000	52400000	49900000	50000000	47400000	57100000	53200000	43000000
TAG 50:3	16000000	11700000	10800000	13000000	11700000	10800000	10100000	9061171
TAG 50:4	9942031	5271330	4822856	7782958	6354850	5049379	4739092	4065853
TAG 50:5 (1)	537891	259624	266658	392667	343750	262447	245694	219323
TAG 50:5 (2)	24502	22687	80477	67711	135835	21849	18525	51360
TAG 52:0	984057	800086	417837	518370	481331	847038	991566	408394
TAG 52:1	14700000	12900000	10200000	12500000	12600000	13400000	15900000	8466871
TAG 52:2	53100000	54800000	53100000	50400000	50600000	53700000	53900000	49300000
TAG 52:3	79300000	78300000	78600000	76800000	80200000	76900000	76700000	75100000
TAG 52:4	85700000	80600000	84600000	85000000	88900000	79800000	80400000	76900000
TAG 52:5	17500000	13900000	15500000	15700000	15700000	13600000	14200000	12600000
TAG 52:6	729446	463172	536716	530911	470490	492401	617164	403653
TAG 54:0	350582	305221	166999	203237	193073	308527	417970	166448
TAG 54:1	6403370	6578378	4935081	6043734	6078361	6172543	8435187	3634837
TAG 54:2	24700000	25200000	21700000	24100000	23900000	24100000	28200000	19100000
TAG 54:3	54400000	52800000	49800000	51400000	48900000	50800000	53100000	47400000
TAG 54:4	72700000	70600000	73600000	72300000	75100000	71700000	68900000	67900000
TAG 54:5	77800000	72300000	84800000	84700000	87600000	74600000	72500000	82200000
TAG 54:6	47700000	43700000	56300000	58100000	62600000	43700000	46700000	51300000
TAG 54:7	8179299	7299481	10200000	10400000	11400000	6261695	7077341	7889947
TAG 54:8	515695	359097	566669	550128	555129	344172	417929	391034
TAG 56:0	260398	197878	83954	93301	86961	245322	222865	64440
TAG 56:1	2113248	2389797	1761523	1988638	1957437	2164136	3190135	1121550
TAG 56:2	10700000	12500000	9274473	9784461	9664561	11300000	14500000	6452756
TAG 56:3	11500000	13700000	13700000	14300000	15100000	12900000	14200000	11000000
TAG 56:4	6265345	7349899	9904341	11000000	10900000	7502148	8727096	8876429
TAG 58:0	54765	51314	16617	22143	20165	65333	66064	13108
TAG 58:1	1974919	2175969	1646325	1715199	1736583	2235371	2587842	1037866
TAG 58:2	5653200	6441867	5195482	5253361	5060684	6170077	7753647	3542468
TAG 58:3	2901257	3721851	3935596	3883132	4054401	3475406	4140654	2807615
TAG 58:4	2535342	3550919	4355190	4576109	4336163	3329693	4303470	3056852
TAG 58:5	320079	402460	413939	432367	448956	342400	524820	439529
TAG 60:1	513280	641449	359747	505465	450334	738086	835761	235120
TAG 60:2	4301457	5238742	3607132	3631489	3646936	5180295	5947921	2271061
TAG 60:3	3616917	4476652	4746220	4524731	4936230	4384656	4442931	3336398
TAG 60:4	3181347	3882859	4846584	5060664	4887893	4117823	4646269	3538732
TAG 60:5	306430	396496	450437	413671	396232	362416	492046	252681
TAG 60:6	28097	23697	28012	46600	38292	24412	32949	32519
DAG 34:1	128647	148075	51079	54587	105824	91884	74928	72120
DAG 34:2	176404	257302	111104	101021	189479	224689	151265	131573
DAG 36:2	171401	224047	95870	74190	174478	189215	151788	92293

Rice Lipid Raw Data	GW335	GW336	GW337	GW339	GW340	GW341	GW342	GW343
DAG 36:3	349432	453257	181086	192133	486959	200802	171573	424258
DAG 36:4	378633	363435	270679	316390	537745	241059	229956	601014
DAG 36:5	46466	42567	30307	38807	52837	28898	25535	50596
Lyso-MGDG 16:0	414354	332607	188598	367807	409185	394176	312225	378046
Lyso-MGDG 18:0	26468	17056	6388	18900	18714	20964	25765	22288
Lyso-MGDG 18:1	10926	8755	13478	10365	13380	11555	14399	11772
Lyso-MGDG 18:2	36685	40759	42244	30836	38167	65768	61313	40905
Lyso-DGDG 16:0	66282	43428	26810	21438	23472	74307	64068	31857
Lyso-DGDG 18:1	18886	12820	13055	12450	13495	15004	15981	13126
Lyso-DGDG 18:2	64121	55537	57466	44458	52507	81971	70057	59651
Lyso-PC 16:0	4302203	3654275	4034974	7049688	7299317	4227053	3137706	6969978
Lyso-PC 16:3	94958	57079	59887	183712	184591	47437	33210	96200
Lyso-PC 18:0	298031	226508	201219	524802	426175	257556	304876	469501
Lyso-PC 18:1	554258	607116	1057751	1818115	2314508	540698	519601	1519515
Lyso-PC 18:2	2011416	1985768	2324633	4506042	4620015	2294306	1830355	3640155
Lyso-PC 18:3	838506	741019	791473	1091961	1109474	811667	658382	1081817
Lyso-PE 16:0	342850	318031	318234	510356	520631	316654	262221	541230
Lyso-PE 18:0	14159	8630	6254	22601	24217	9615	5908	10134
Lyso-PE 18:1	33192	38873	58060	79335	104292	35299	37071	75374
Lyso-PE 18:2	206380	192445	228333	353653	391346	242979	198595	311533
Lyso-PE 18:3	70126	67302	66144	95816	95591	64223	56674	102111
SQDG 32:0	93924	68659	58745	58427	67522	52805	80318	73849
SQDG 34:2	65811	22553	16627	13529	26467	23921	29299	33865
PG 32:0	71253	100634	51706	43297	37443	51595	80632	67117
PG 34:1	87970	84439	84636	104240	99049	109504	58356	60854
PG 34:2	192415	126994	95366	138583	123131	124161	97146	135312
PG 36:3	20123	17704	22131	27207	26559	24992	14385	16717
PS 36:0	53550	77984	56046	57390	66328	74965	48812	41000
PS 36:1	48790	30223	24345	29497	41410	39540	21485	18991
PS 38:0	756044	748056	750141	852995	797604	895942	727767	691335
PS 38:1	769670	579981	551033	694712	778506	805340	529104	547175
PS 38:2	39577	17375	10355	19503	18410	23256	10314	17986
PS 40:0	46794	40515	49376	48552	64077	67649	36805	42352
PS 40:1	524522	634315	668633	632911	579067	605488	539555	532777
PS 40:2	839750	773141	853374	938778	953825	1042826	729275	720251
PS 40:3	594270	450634	404302	604215	651195	671183	372652	403417
PS 40:4	45669	34185	23392	44718	45788	49544	20496	30016
PI 34:1	389149	305023	388171	488994	512059	414698	331320	325104
PI 34:2	1416954	813653	746770	1063362	938332	802400	991104	1139878
PI 34:3	81973	28513	20932	37583	29650	25338	33965	53110
PI 36:4	137449	60661	70411	120714	121610	85864	86997	99897

Rice Lipid Raw Data	GW344	GW345	GW346	GW347	GW348	GW350	GW351	GW352
DGDG 32:0	9363	31608	15524	35628	35046	10339	14385	76217
DGDG 34:1	23885	35100	26036	24682	23346	18386	22596	30136
DGDG 34:2	149875	214701	148883	224332	190787	123324	131934	167920
DGDG 36:2	15213	59086	23909	25110	22573	18444	28342	27696
DGDG 36:3	56929	61198	75283	38277	46973	53008	51865	58340
DGDG 36:4	176383	189058	192259	149326	150512	191901	127383	109956
DGDG 36:5	92684	103345	108389	70463	47563	75718	58445	66707
DGDG 36:6	44363	85817	67096	53109	38445	39561	30042	59846
MGDG 32:0	4753	16397	6802	15038	13880	5287	13552	28952
MGDG 34:0	7681	54251	14203	21860	15077	9793	47536	96203
MGDG 34:1	13512	25831	18161	12800	12640	26027	18593	21253
MGDG 34:2(1)	22033	99512	45910	107557	61490	62796	43119	54659
MGDG 34:2(2)	37139	81253	31890	61406	45511	31488	112480	52414
MGDG 36:3	23831	39336	37654	27481	23422	30421	45814	52620
MGDG 36:4	66927	105441	104550	93533	69105	85255	81771	84247
MGDG 36:5	40812	57035	70679	58561	28947	37923	45272	47570
MGDG 36:6	36939	63735	59156	55910	29688	32383	39273	50178
PC 32:0	244126	154504	165788	167651	122394	250654	363294	125460
PC 32:1	398562	343273	456093	197045	467901	391023	847440	213057
PC 32:2	223996	149347	151070	94953	189488	235441	391030	87857
PC 34:1	7937102	7019098	7118175	5607102	6352210	7046658	8228082	6290815
PC 34:2	6423373	4218423	4238546	4197286	3121601	6087386	6023836	3348975
PC 34:3(1)	122572	82139	55124	92959	41737	84989	61514	48438
PC 34:3(2)	38892	24277	26004	25943	18902	39903	58637	19689
PC 34:4	64135	52016	71212	29828	74780	60048	136059	30645
PC 36:1(1)	59592	37816	46933	27787	35364	37722	45738	43531
PC 36:1(2)	321908	263061	299923	152735	231723	304884	553701	210494
PC 36:2	6597646	5564301	6655151	3806808	6015832	5555577	7216907	5928230
PC 36:3	9918756	7878099	7798705	6045493	7422472	9101556	10200000	7118930
PC 36:4(1)	5796914	3713248	3403096	2999355	2459113	5795174	5079389	2492367
PC 36:4(2)	815871	781607	823351	751663	779424	769511	811487	787409
PC 36:5(1)	451126	268273	199674	171247	129428	345004	278261	157095
PC 36:5(2)	832121	647914	666714	653524	521491	807357	780943	537876
PC 38:2(1)	57060	38076	41667	26885	42002	59036	50642	30784
PC 38:2(2)	33260	29000	17869	16397	24010	40538	21680	22990
PC 38:3	58436	30305	31868	20059	27969	61711	43683	22351
PC 38:4(1)	25446	17566	20129	12290	15158	18042	20590	19929
PC 38:4(2)	54873	48078	53281	26210	37971	51239	96057	35389
PC38:5	671353	675442	708718	547540	667030	665453	631379	657080
PC38:6	864064	883920	834297	750020	851919	837508	849678	796188
PE 34:1	657151	428175	536772	413895	402107	585742	817786	433954
PE 34:2	1090842	775724	824125	827310	646239	1100159	1114509	670718
PE 34:3	22942	18524	13563	21603	7995	20095	12242	9863
PE 36:2	285253	184191	231360	134598	229381	228229	395831	174061
PE 36:3	816883	538455	609326	492423	561673	773111	994943	496485
PE 36:4	971212	624643	647470	641178	547513	932461	866178	452571
PE 36:5(1)	38611	22809	16821	21385	12298	32245	27721	13384
PE 36:5(2)	156702	131204	136340	141901	112740	157772	162751	118173
TAG 48:0	1062586	2721813	2051229	2893335	2743649	1006930	1636808	4876706

Rice Lipid Raw Data	GW344	GW345	GW346	GW347	GW348	GW350	GW351	GW352
TAG 48:1	2026089	2226452	2191438	1230099	2063810	1635200	4638351	1769171
TAG 48:2	3428414	4695741	4389339	3089881	4126165	3392179	9536543	4104844
TAG 48:3 (1)	313570	296090	312980	197042	314705	275243	658331	237574
TAG 48:3 (2)	63687	64495	66361	46016	30053	58175	94741	44905
TAG 48:4(1)	123938	119755	108929	65953	108640	138715	204484	80233
TAG 48:4(2)	28597	32099	31749	23813	27607	37193	58011	19104
TAG 50:0	523691	1380861	1011024	976075	1172219	515181	788751	2020449
TAG 50:1	27800000	31700000	29400000	29700000	30200000	24300000	28400000	33800000
TAG 50:2	47900000	54400000	48400000	56700000	52400000	44700000	53900000	59400000
TAG 50:3	11000000	12100000	12100000	10200000	12400000	11000000	19300000	11500000
TAG 50:4	4601292	5087550	5448830	3665254	5464987	5829902	10600000	4191654
TAG 50:5 (1)	290821	273221	319425	264209	359074	284855	753077	190829
TAG 50:5 (2)	53689	42980	40071	25378	26103	52629	74350	24979
TAG 52:0	446310	934089	731643	593850	787957	419131	522119	1156350
TAG 52:1	10500000	14500000	14700000	10200000	13100000	8623927	13200000	14700000
TAG 52:2	51000000	53100000	53500000	50300000	53200000	49600000	52000000	52900000
TAG 52:3	77600000	77300000	80300000	74300000	77000000	77000000	78500000	77600000
TAG 52:4	78600000	79500000	80200000	81700000	77700000	85700000	83400000	88300000
TAG 52:5	16000000	15100000	13300000	17600000	15900000	14900000	17400000	15700000
TAG 52:6	538028	619274	434755	691300	683959	467869	610782	555037
TAG 54:0	180870	380800	302281	223546	295371	170981	203698	443652
TAG 54:1	5294036	7516878	6674503	4533992	5992029	4116660	5513883	7186094
TAG 54:2	23200000	28100000	27700000	19400000	24100000	18700000	26000000	25000000
TAG 54:3	52700000	52100000	52800000	48000000	51700000	49400000	53900000	49600000
TAG 54:4	72300000	71500000	73700000	63400000	72100000	69300000	73000000	69400000
TAG 54:5	83200000	76100000	80900000	71800000	72900000	83800000	86400000	78000000
TAG 54:6	48000000	46500000	45400000	45400000	44600000	59900000	56600000	47300000
TAG 54:7	8712122	7743081	7062148	8597000	8150972	10100000	11300000	7459023
TAG 54:8	505831	470987	358212	500035	488131	501740	632385	361059
TAG 56:0	76017	201315	140927	185923	207327	73408	116399	293866
TAG 56:1	1751213	2860445	2051135	1509609	1910850	1313349	1797128	2623943
TAG 56:2	9946882	13800000	11700000	8594916	11100000	8099133	9615671	12500000
TAG 56:3	15700000	14600000	15200000	10000000	13100000	12200000	13100000	14300000
TAG 56:4	9426981	8421514	6716092	6878811	6643271	9814541	8359002	7947896
TAG 58:0	13841	50597	27263	35574	42509	14999	26351	70500
TAG 58:1	1707381	2293103	1637609	1546353	1913867	1314644	1916373	2272606
TAG 58:2	5104186	6933765	5144574	4951248	5510004	4434433	5501365	6701624
TAG 58:3	4106642	4112641	3415436	2610557	3258101	3328179	3717133	3929897
TAG 58:4	4023475	4080333	2815614	2601375	2936205	3887728	3717721	3715669
TAG 58:5	417111	514260	254735	329470	387806	442980	318710	397680
TAG 60:1	379396	643476	345675	399694	579974	313531	520622	628893
TAG 60:2	3813500	5017182	3906432	3395605	4878924	2992814	4102633	4732555
TAG 60:3	4920619	4646598	3719721	3332268	4121447	4112833	5081401	4465295
TAG 60:4	4626090	4287772	2884332	3413887	3671472	4818873	4826146	4023385
TAG 60:5	411651	479070	221599	372935	406055	339299	427982	402128
TAG 60:6	38838	42087	14556	18964	23906	29648	20358	21974
DAG 34:1	88039	113204	84378	65929	84348	70043	78809	134970
DAG 34:2	155366	205241	158422	164328	177220	196256	157679	280500
DAG 36:2	138518	188935	180476	118405	179433	139414	129712	233475

Rice Lipid Raw Data	GW344	GW345	GW346	GW347	GW348	GW350	GW351	GW352
DAG 36:3	429617	256089	262817	162057	203692	300571	260145	444845
DAG 36:4	385652	299095	245608	224370	229696	387974	317989	372951
DAG 36:5	52821	39643	27069	31977	30068	37830	38014	41701
Lyso-MGDG 16:0	253454	375852	312877	320658	353422	324705	381127	487958
Lyso-MGDG 18:0	10989	22462	11757	11761	14293	12249	24463	51441
Lyso-MGDG 18:1	19613	16077	19035	5933	17491	12098	8413	12293
Lyso-MGDG 18:2	48043	55084	57007	44711	83579	42003	20243	36039
Lyso-DGDG 16:0	32141	60587	51037	58036	104076	36393	10940	73588
Lyso-DGDG 18:1	16913	17645	26944	9731	23084	14060	1458	18133
Lyso-DGDG 18:2	58875	66413	101837	61665	176245	85506	5706	52146
Lyso-PC 16:0	6207354	3078816	6269110	4915564	6575577	5721861	4709990	2737550
Lyso-PC 16:3	84870	38401	145241	47372	98916	102426	60459	18894
Lyso-PC 18:0	325527	223201	343598	227191	299398	317693	630782	269212
Lyso-PC 18:1	2453084	431790	1482742	469483	1192143	1417383	961883	465825
Lyso-PC 18:2	3914515	1422407	3477278	2695847	4733249	3973289	680526	1150021
Lyso-PC 18:3	1026183	643174	1034678	899460	1077641	990624	897438	586139
Lyso-PE 16:0	482122	202774	462290	357353	465192	489332	240340	238314
Lyso-PE 18:0	8327	10439	14524	6840	12834	15461	13040	4475
Lyso-PE 18:1	108855	25012	83050	34727	64412	80701	32125	30749
Lyso-PE 18:2	374589	123056	353568	301956	455503	386411	32880	145159
Lyso-PE 18:3	91797	44429	87665	72417	88703	91611	50934	54341
SQDG 32:0	31963	47897	67692	41616	74735	59403	49507	48935
SQDG 34:2	7438	16146	39707	14685	14138	14764	18355	18670
PG 32:0	37407	42021	66321	55584	90461	52800	50368	36428
PG 34:1	93853	104201	85861	88832	55369	48108	94476	103092
PG 34:2	120055	128357	121690	118539	111070	66822	136385	94642
PG 36:3	24592	26911	18333	19877	11696	14843	29851	23678
PS 36:0	54060	72671	59513	76101	38921	79495	68715	138543
PS 36:1	32709	31669	24570	26707	16346	28203	38364	58313
PS 38:0	795522	902485	809417	797340	714518	744519	832901	939294
PS 38:1	740543	799645	586847	572808	585092	478393	734216	753801
PS 38:2	19869	22785	16612	11764	17474	7524	17505	12117
PS 40:0	46519	52823	42431	47417	26899	39864	50953	87065
PS 40:1	575434	769276	646764	685440	491707	692807	593472	795868
PS 40:2	928795	1052908	856899	879278	674682	775645	1007107	1086674
PS 40:3	607796	634510	462652	429828	400634	336765	651535	587906
PS 40:4	45307	52146	34879	22890	23966	15222	42167	30024
PI 34:1	319717	459772	296685	392415	264386	297281	456098	484527
PI 34:2	683630	910394	751271	908960	870076	814952	1019715	789166
PI 34:3	21245	32603	27444	28440	34250	22347	30534	18144
PI 36:4	91008	109458	62780	70992	59559	67157	128601	74539

Rice Lipid Raw Data	GW353	GW354	GW355	GW356	GW357	GW358	GW360	GW361
DGDG 32:0	7107	6333	83738	32449	18248	40224	7054	39257
DGDG 34:1	12915	15579	49117	19103	11848	31691	18503	37834
DGDG 34:2	107955	89810	318819	152940	79176	265741	106495	300690
DGDG 36:2	30483	16521	63365	25927	10162	39748	34477	46515
DGDG 36:3	30231	50172	48049	39321	31301	60524	40592	64455
DGDG 36:4	135592	130358	165910	121279	91626	153000	172036	247576
DGDG 36:5	48259	65960	77570	55218	34195	46502	93015	75242
DGDG 36:6	30892	44766	95069	39969	17420	55003	57933	80944
MGDG 32:0	9152	7082	18247	16887	11890	13999	6662	10122
MGDG 34:0	16594	21979	53269	39208	18967	33765	9288	56509
MGDG 34:1	6264	19098	30566	10651	4205	16935	12652	28013
MGDG 34:2(1)	38866	81890	115394	91198	50116	82592	28990	153115
MGDG 34:2(2)	72475	37077	66615	44680	22830	63255	27707	64461
MGDG 36:3	28183	43499	24366	25352	21139	31322	24849	30453
MGDG 36:4	91661	75259	97558	73561	54632	58261	87343	114550
MGDG 36:5	30550	32589	40984	41087	25897	25160	54161	56502
MGDG 36:6	31927	38547	55085	42117	21157	36066	68735	68527
PC 32:0	317219	370207	145451	226758	224445	113191	214575	162735
PC 32:1	340055	395211	353078	381473	323441	223733	496389	260592
PC 32:2	240561	272015	177990	158001	180949	127426	319620	154162
PC 34:1	5999937	7609215	5751501	7412664	6640190	5521397	6958371	5638039
PC 34:2	5189518	6017036	4105768	3870102	4293120	3461544	6342499	4305654
PC 34:3(1)	75679	115436	51307	69596	58772	46814	113776	56610
PC 34:3(2)	51800	58817	23746	35078	35439	15980	30346	24439
PC 34:4	54460	61652	54958	59870	50642	33743	77055	36793
PC 36:1(1)	56712	89705	39959	26730	25084	33776	37985	30630
PC 36:1(2)	373204	354703	209994	270715	215277	224180	380687	153638
PC 36:2	3820701	5959115	4915085	5809242	4633866	4653900	4871181	4063059
PC 36:3	6935498	9647162	6740542	7102282	6673839	6475563	8497356	6543803
PC 36:4(1)	4308612	5660297	2955146	2738867	3022347	2955632	5941641	3122739
PC 36:4(2)	731139	755622	741593	812334	807429	729098	771341	723506
PC 36:5(1)	283735	431267	168199	179165	152269	155808	430590	164155
PC 36:5(2)	734418	790780	618377	606965	661314	552283	820861	644102
PC 38:2(1)	35730	53186	22526	47874	44145	25990	46742	24087
PC 38:2(2)	38134	45257	12714	31107	29970	26843	50581	16266
PC 38:3	32712	56122	22897	34726	32767	24392	49477	20016
PC 38:4(1)	25928	39235	18025	11806	11986	13982	16169	13760
PC 38:4(2)	63056	57945	34494	46599	36328	37628	64363	26412
PC38:5	514317	684093	618089	686709	641613	584563	659856	549099
PC38:6	812580	852785	790792	833813	801190	797841	808744	782687
PE 34:1	418103	555458	340240	590086	436152	322508	704670	346975
PE 34:2	741305	939505	796433	868359	695005	672731	1305782	869664
PE 34:3	12908	21350	7675	18916	11815	8517	26101	14287
PE 36:2	173927	268699	120903	326674	241846	150557	333099	106702
PE 36:3	543597	780537	407749	722156	592219	493927	915495	414809
PE 36:4	656970	860090	463004	634333	553023	619239	1196836	609032
PE 36:5(1)	22478	33637	10176	23852	16690	14426	47234	14165
PE 36:5(2)	131176	151902	133304	145188	120432	116755	175148	141303
TAG 48:0	1567375	1172784	3839231	3463575	2939671	2766704	1011144	3402363

Rice Lipid Raw Data	GW353	GW354	GW355	GW356	GW357	GW358	GW360	GW361
TAG 48:1	2150592	1812982	2258512	2191003	1902071	1434144	2394182	1987943
TAG 48:2	4510032	3934744	6546227	4757699	4247946	2892368	4644364	4277134
TAG 48:3 (1)	316457	334576	388823	296414	261315	180433	417949	249292
TAG 48:3 (2)	110165	86251	23390	39131	36428	47694	57954	14647
TAG 48:4(1)	153136	151390	118772	87050	77545	67911	168113	102209
TAG 48:4(2)	44451	52527	32476	20871	20418	32275	30606	19571
TAG 50:0	787139	558523	1913247	1366708	1081540	1094807	564434	1320768
TAG 50:1	27100000	25500000	31200000	31700000	32500000	31100000	24400000	34500000
TAG 50:2	52200000	45800000	56900000	54700000	53100000	51800000	47500000	55100000
TAG 50:3	12600000	11600000	14600000	12900000	11100000	8759556	13900000	10900000
TAG 50:4	7027273	6243410	7581354	5489814	4816850	3533406	7140349	5207035
TAG 50:5 (1)	342123	388773	489466	314640	293881	181516	457679	262768
TAG 50:5 (2)	110886	103434	27336	21205	25067	30919	72869	13942
TAG 52:0	531395	423785	1034015	871385	668918	727849	430171	813515
TAG 52:1	12100000	10300000	13700000	13100000	11500000	12000000	10700000	13600000
TAG 52:2	51600000	50200000	51700000	52200000	52700000	51200000	49900000	52300000
TAG 52:3	76600000	74800000	73700000	74000000	77600000	74000000	78300000	75300000
TAG 52:4	88000000	85800000	83800000	82700000	78700000	79500000	84400000	82700000
TAG 52:5	16900000	17400000	16600000	16800000	15900000	13100000	16100000	12900000
TAG 52:6	563794	592900	785419	688253	607001	465597	573447	439829
TAG 54:0	198305	177847	388347	308801	237143	270108	177155	318923
TAG 54:1	4877893	4999063	6306156	6279743	5355358	5903144	5392024	7346871
TAG 54:2	21000000	22000000	26400000	23000000	21100000	22800000	23100000	23400000
TAG 54:3	46700000	47600000	52100000	48900000	49800000	48800000	48900000	51000000
TAG 54:4	67000000	71400000	70500000	66600000	67400000	66500000	70500000	66800000
TAG 54:5	81700000	88000000	77600000	71200000	71800000	67200000	84900000	68700000
TAG 54:6	56400000	60900000	46600000	41600000	43900000	42800000	57800000	45100000
TAG 54:7	10400000	11800000	7542197	7640324	7607894	6344004	11300000	5562339
TAG 54:8	506945	654160	514819	453070	448406	300174	637029	196934
TAG 56:0	99829	88908	287150	224378	182074	211903	83703	212886
TAG 56:1	1540070	1737555	2443239	2086997	1831826	2127207	1701545	2741205
TAG 56:2	7540706	9225242	12100000	11100000	9868827	10700000	10100000	12500000
TAG 56:3	10600000	13800000	13700000	13900000	12300000	11800000	14400000	13200000
TAG 56:4	8850880	11200000	6906388	8053875	7089588	7473182	10300000	8480520
TAG 58:0	23125	19610	78504	49927	37109	47995	18424	50205
TAG 58:1	1415884	1604264	2194051	1972175	1728425	2197464	1350732	2322040
TAG 58:2	4238977	5026500	6821854	5782455	5379437	6081591	4687288	6457662
TAG 58:3	2848979	3955856	3559037	3472636	3130077	3057138	3650429	3624005
TAG 58:4	3442054	4341294	3428414	3217314	2734486	3061272	4110075	3995867
TAG 58:5	437163	450365	431399	408316	340935	316654	380555	321310
TAG 60:1	388649	382415	732049	536123	470092	675022	387542	677031
TAG 60:2	2773395	3329981	5612145	4313354	3783145	4727778	3300735	4595178
TAG 60:3	3727744	4631300	4712943	4060733	3741143	4151851	4125817	3769237
TAG 60:4	4186853	5081240	4122052	3795792	3417963	4251215	4487095	3868389
TAG 60:5	380225	490489	483583	401361	328231	367466	368824	268757
TAG 60:6	36521	31290	29447	24758	15671	14545	32823	14574
DAG 34:1	100510	155443	46044	125705	104401	85062	99107	80236
DAG 34:2	267609	274372	95690	246293	230305	108009	250510	166412
DAG 36:2	134156	211278	96308	184177	167886	67594	181500	146729

Rice Lipid Raw Data	GW353	GW354	GW355	GW356	GW357	GW358	GW360	GW361
DAG 36:3	296486	772414	155374	307327	246235	233003	497848	138018
DAG 36:4	401629	940755	180027	304127	281876	357914	543809	209866
DAG 36:5	40833	94164	29359	42666	39400	43232	57310	17266
Lyso-MGDG 16:0	256606	593112	505650	320493	259538	345795	237594	446912
Lyso-MGDG 18:0	10475	26740	22984	14162	10413	22849	11566	26334
Lyso-MGDG 18:1	16919	17489	16936	5966	4086	11906	7680	8155
Lyso-MGDG 18:2	151452	86421	79376	42795	36467	55448	42355	56083
Lyso-DGDG 16:0	34419	40261	127901	49328	30809	105754	21343	74258
Lyso-DGDG 18:1	15595	20972	32494	9188	7205	19084	8796	18873
Lyso-DGDG 18:2	132606	107745	180284	55316	52770	108179	56297	94749
Lyso-PC 16:0	5735664	9244636	4499685	3378788	3777951	3896297	4347295	3275299
Lyso-PC 16:3	138427	146370	92505	43306	60756	27562	139247	34954
Lyso-PC 18:0	358930	582947	258057	172725	152908	239300	224743	210409
Lyso-PC 18:1	3026775	3038440	625638	341476	426169	505406	1093707	345809
Lyso-PC 18:2	4904345	5823353	2830963	1906367	2897092	2354905	3462454	1574332
Lyso-PC 18:3	957926	1169768	846003	695932	757521	775372	858199	666754
Lyso-PE 16:0	387772	778778	363534	251989	225146	275201	369566	270177
Lyso-PE 18:0	15594	30470	18403	9423	11162	3651	21429	7970
Lyso-PE 18:1	157712	134375	37252	25444	26020	31705	74465	25392
Lyso-PE 18:2	462113	511331	285028	220659	257462	212831	358324	169529
Lyso-PE 18:3	74884	122617	71772	52424	49331	57835	76408	55911
SQDG 32:0	70653	14522	31962	108478	37639	44165	81964	51260
SQDG 34:2	24513	2327	4074	51076	24561	18007	18075	24509
PG 32:0	72723	33172	36827	76096	64652	47011	54959	47106
PG 34:1	72177	73336	110572	47135	66499	55273	50854	103103
PG 34:2	97030	80207	124917	131987	99015	76345	83301	136746
PG 36:3	16790	18145	31732	11356	14006	11987	12568	26404
PS 36:0	42133	61675	76507	64363	69098	59966	46400	90045
PS 36:1	14386	36675	38414	30727	25761	26294	18212	47406
PS 38:0	748607	713469	894871	695931	817781	750445	697775	809356
PS 38:1	502077	697762	824924	537506	546101	604703	511150	820644
PS 38:2	9311	13913	21809	9323	12058	11000	7726	21394
PS 40:0	35843	55643	57432	35055	46646	37476	38698	59433
PS 40:1	642568	499750	680279	579324	643336	577689	564878	569320
PS 40:2	736494	748385	1050398	736052	759366	703046	712147	945312
PS 40:3	333095	526380	620800	390621	344783	377117	397153	632786
PS 40:4	19552	30263	44623	17624	23647	20873	19177	49214
PI 34:1	258574	225293	283000	173956	361202	254005	225978	795009
PI 34:2	760874	471082	528182	886321	1027516	681428	774889	1709537
PI 34:3	22415	12109	16967	29073	39330	18681	23151	59432
PI 36:4	58365	57538	58209	63290	77052	60814	63188	219201

Rice Lipid Raw Data	GW362	GW363	GW364	GW365	GW368	GW369	GW370	GW371
DGDG 32:0	31858	32409	20848	20900	105754	10117	34665	13750
DGDG 34:1	46074	28141	37174	17733	56219	12881	26988	12428
DGDG 34:2	320575	175146	189276	87604	409893	86471	127903	85857
DGDG 36:2	66885	39718	29874	16237	49767	14978	27943	15248
DGDG 36:3	79913	42973	90253	40393	55066	34392	36971	34045
DGDG 36:4	240219	128912	206288	107412	162394	144339	107688	109599
DGDG 36:5	64274	73925	101711	72475	63196	61481	78703	36444
DGDG 36:6	53335	57541	53985	57927	56234	35957	74163	18830
MGDG 32:0	13869	16289	9844	16692	31341	5823	19437	16736
MGDG 34:0	42999	48029	30453	39166	50757	13672	71170	13865
MGDG 34:1	25328	18746	26985	10461	21926	7923	20541	2850
MGDG 34:2(1)	87436	86021	56367	24018	85872	44351	66171	49650
MGDG 34:2(2)	79814	46697	47217	27793	134329	21409	49160	28018
MGDG 36:3	31773	25765	45451	25033	31974	13357	20973	20644
MGDG 36:4	89961	80012	91072	68280	79273	84835	67610	70824
MGDG 36:5	36842	40157	61749	41464	39457	42419	54271	33048
MGDG 36:6	40697	39799	59114	39920	37988	31870	85239	25262
PC 32:0	122741	218774	198981	155306	170724	135096	303133	247883
PC 32:1	259858	341321	449126	296249	454255	479695	187058	261997
PC 32:2	134237	207637	259009	120002	196452	244752	113107	143346
PC 34:1	5770313	6102123	8210397	7610153	6623904	5971119	7202027	7199256
PC 34:2	3560120	4192557	5821136	4314412	4074445	3885529	4915382	5132894
PC 34:3(1)	45107	62056	90199	77990	53274	44311	200551	86675
PC 34:3(2)	19131	36274	31134	25202	25794	19681	47785	39221
PC 34:4	41519	52356	72579	43466	69687	77060	27823	41359
PC 36:1(1)	34472	33867	58505	28071	28073	42023	32099	31343
PC 36:1(2)	212767	241166	380892	348873	236752	388693	243893	271002
PC 36:2	4766478	4261064	5938635	6749238	5571410	5619218	5480407	5634448
PC 36:3	6478551	6922764	9445015	7708056	7159398	8209056	7666278	8043143
PC 36:4(1)	3022184	3458894	5079283	3173153	2965684	3868539	3539950	3570673
PC 36:4(2)	745562	779476	799062	790092	772121	783988	822046	799779
PC 36:5(1)	160779	172930	366186	206080	173162	196562	406927	248501
PC 36:5(2)	567597	649149	790800	643264	646737	613489	731463	749554
PC 38:2(1)	31015	26440	47414	43615	31036	35073	41960	46342
PC 38:2(2)	25383	20960	17544	32869	21217	22815	21794	29539
PC 38:3	29722	25057	43024	30707	27912	29905	35064	39115
PC 38:4(1)	15638	15810	24566	12342	12728	19490	14082	14524
PC 38:4(2)	35004	39696	63720	58951	38474	65923	39784	44728
PC38:5	587336	553562	620547	674006	601936	666396	622150	631607
PC38:6	743515	768182	826337	787557	815467	861090	825420	860841
PE 34:1	384248	405136	751745	570061	517684	406222	584586	612307
PE 34:2	668192	801907	1272835	770408	817113	692818	952996	812779
PE 34:3	10493	14003	18850	13274	12169	8509	49031	19081
PE 36:2	198949	164220	315394	272201	191253	177218	257049	340214
PE 36:3	551248	547773	879515	646696	549343	609282	763944	840721
PE 36:4	567355	732375	928051	591794	567581	713683	811929	714732
PE 36:5(1)	13382	17672	31776	19209	16013	15655	50327	26833
PE 36:5(2)	118300	133331	165493	132459	134232	123168	156294	143714
TAG 48:0	3110197	2945803	1625624	3599197	4280593	1106781	2727113	2584556

Rice Lipid Raw Data	GW362	GW363	GW364	GW365	GW368	GW369	GW370	GW371
TAG 48:1	1847968	3333960	2505874	2227150	2471177	2232078	1402018	1647188
TAG 48:2	4076919	8606479	5234303	3763751	7807377	4734463	2604265	3173999
TAG 48:3 (1)	219848	453231	380451	281687	348645	338564	189892	215948
TAG 48:3 (2)	26126	24334	73173	59130	30387	42928	43286	43644
TAG 48:4(1)	70437	173181	126958	96698	79948	149557	52056	69081
TAG 48:4(2)	20957	37008	34918	45845	21655	29387	22613	21467
TAG 50:0	1358614	1142299	684158	1621908	1600357	620513	1125404	966314
TAG 50:1	32200000	33700000	30000000	36900000	33300000	25100000	29500000	30700000
TAG 50:2	56500000	62400000	51800000	58500000	56400000	44600000	51000000	52900000
TAG 50:3	10800000	14900000	13400000	13300000	13100000	12400000	9378090	11300000
TAG 50:4	4235978	8459672	6181008	4420673	6212671	7690557	2281695	3458574
TAG 50:5 (1)	202437	404297	411945	277937	326214	426624	198825	248365
TAG 50:5 (2)	14299	21052	60782	41607	15923	38238	25078	25455
TAG 52:0	801769	701927	422293	1162906	894542	517407	711567	604300
TAG 52:1	14300000	14900000	11900000	18000000	12200000	13600000	12200000	12100000
TAG 52:2	51900000	51300000	51600000	52400000	50100000	49500000	48100000	48800000
TAG 52:3	73600000	80400000	79100000	76400000	74900000	73000000	73200000	73900000
TAG 52:4	81700000	89200000	86800000	83500000	77300000	81800000	72800000	78400000
TAG 52:5	12900000	15900000	17500000	18500000	12900000	12200000	16200000	17600000
TAG 52:6	443121	538248	569233	821512	415421	365316	751586	724420
TAG 54:0	307640	272024	159280	517469	319508	242833	264278	225633
TAG 54:1	7044795	7145061	4865129	10000000	5534698	7273852	5890436	6086930
TAG 54:2	24300000	24300000	23900000	30200000	21900000	26500000	22800000	22400000
TAG 54:3	49800000	48100000	49700000	51300000	46400000	47500000	46200000	46700000
TAG 54:4	66900000	68100000	70000000	73000000	65800000	68700000	62900000	63700000
TAG 54:5	73300000	82700000	86200000	77100000	67600000	81300000	66600000	71400000
TAG 54:6	39500000	51500000	57400000	48400000	38300000	52100000	35200000	41500000
TAG 54:7	5052966	7557131	10700000	8839735	4897078	7833589	6667283	7781245
TAG 54:8	202370	317717	621761	576612	208688	304442	482467	495587
TAG 56:0	233039	189162	104154	280996	277093	89505	183905	189435
TAG 56:1	2628574	2411907	1575093	3532701	1847323	2031362	2095395	2054360
TAG 56:2	12600000	10700000	8699138	15600000	9899805	10400000	9762499	10500000
TAG 56:3	13600000	13300000	12900000	17000000	11200000	13100000	12800000	13800000
TAG 56:4	7895332	11600000	7815402	9081917	6021401	9190184	7343394	8046616
TAG 58:0	53109	47903	24159	90431	58431	21134	43019	35824
TAG 58:1	2343499	2348456	1777896	3325701	1903218	1577035	1822835	1949511
TAG 58:2	6866097	6364065	4994846	8099291	5785143	5038412	5343817	5747601
TAG 58:3	3713475	3832850	3433180	4927859	2903849	3450930	3423494	3724268
TAG 58:4	3762317	4810515	3434320	4592188	2577624	3785572	3224714	3387118
TAG 58:5	378096	492428	327587	663833	274245	351267	444120	451637
TAG 60:1	698454	751598	533988	1295811	565142	467507	523506	538904
TAG 60:2	5092646	4509485	4039441	6947459	4380806	3769396	3796577	3847644
TAG 60:3	4539685	4459755	4694596	6319701	3813962	4169859	3864837	4065017
TAG 60:4	4298681	5381052	4681800	5333868	3394709	4584078	3237658	3740621
TAG 60:5	372208	466014	421526	765290	294100	328494	419413	475297
TAG 60:6	16977	21150	23766	51995	15681	14939	47945	21506
DAG 34:1	89832	61492	67348	176614	79771	70070	74274	93832
DAG 34:2	175322	171228	137430	265781	154213	160236	141342	194802
DAG 36:2	140544	115509	128888	202856	108177	147359	130043	150775

Rice Lipid Raw Data	GW362	GW363	GW364	GW365	GW368	GW369	GW370	GW371
DAG 36:3	226384	152035	263846	584260	166685	201830	134843	194629
DAG 36:4	272733	220917	298150	415073	215304	297543	115158	169320
DAG 36:5	26272	20499	41169	59766	25401	24443	22861	30328
Lyso-MGDG 16:0	393628	525002	379767	338626	392537	307878	380523	263106
Lyso-MGDG 18:0	30721	43147	17065	48612	12366	18044	34260	10435
Lyso-MGDG 18:1	11168	5311	33746	8253	17005	6763	7751	4738
Lyso-MGDG 18:2	43356	23764	86515	18280	87697	42482	24972	46414
Lyso-DGDG 16:0	72552	44533	75924	26266	192973	27107	35937	35259
Lyso-DGDG 18:1	20045	8896	33868	9657	26932	15029	10430	8939
Lyso-DGDG 18:2	87633	36584	117110	21742	138465	75187	27328	65686
Lyso-PC 16:0	3206317	5205491	7075029	3541750	4650745	5411080	3769889	4678174
Lyso-PC 16:3	38316	84825	103037	25042	75731	136115	20709	41261
Lyso-PC 18:0	301628	426251	421409	406902	207725	317349	348754	212896
Lyso-PC 18:1	502286	781906	1849982	1110737	476609	1296331	573880	505742
Lyso-PC 18:2	1584179	2092890	3670257	1935314	1527928	4111008	1258254	3254932
Lyso-PC 18:3	652340	928669	1101555	738342	865540	975142	762331	886320
Lyso-PE 16:0	274909	468187	559257	293705	319724	371910	323942	322393
Lyso-PE 18:0	7619	18322	14152	3777	12839	21519	3566	5453
Lyso-PE 18:1	37011	56217	89661	65315	33334	62837	44057	34246
Lyso-PE 18:2	164069	282429	397482	178798	179634	342659	150587	321455
Lyso-PE 18:3	56770	92132	102282	61333	63936	74398	67392	64836
SQDG 32:0	54868	69018	90888	92124	83577	73948	47976	55318
SQDG 34:2	30976	27534	29261	38214	30486	33136	25632	33765
PG 32:0	82329	50689	82825	56493	75273	75017	42390	80588
PG 34:1	53301	62224	72558	117482	77275	73728	59218	96354
PG 34:2	143356	94039	96579	130996	117431	117612	71709	108467
PG 36:3	12941	14567	13536	26684	18843	17017	14715	20805
PS 36:0	51915	48530	63461	78876	74522	76553	80532	39026
PS 36:1	24649	20995	31337	33873	33148	34082	40306	16193
PS 38:0	739384	732100	709614	902157	834472	749269	729178	819025
PS 38:1	577612	527252	572976	720484	603321	549543	546088	649937
PS 38:2	11111	8759	11861	17172	12397	9775	7848	35709
PS 40:0	26776	34064	41076	59234	48102	37799	62687	42995
PS 40:1	513060	540531	497309	716178	637834	620685	562497	624455
PS 40:2	700149	739015	736651	988521	851578	787678	846860	858298
PS 40:3	411546	390503	436235	589018	478038	385645	500985	458799
PS 40:4	18368	19229	23505	39918	25875	21853	21846	46090
PI 34:1	242845	370711	431167	561075	331902	367938	324801	541767
PI 34:2	1007138	1048834	1054111	1005087	918272	1046587	821413	1200848
PI 34:3	37803	27990	33799	32715	27275	32978	21262	80997
PI 36:4	71370	94983	93403	102916	80931	90754	88334	106550

Rice Lipid Raw Data	GW373	GW374	GW375	GW376	GW377	GW378	GW379	GW380
DGDG 32:0	29839	40965	28338	19851	34939	26801	14421	145833
DGDG 34:1	20821	30045	23380	24040	35263	21618	28297	192084
DGDG 34:2	129787	186040	227790	181041	235897	210971	160357	942976
DGDG 36:2	22126	40327	23056	21631	40832	38409	17612	174329
DGDG 36:3	45913	66064	32806	62418	49883	50916	56945	226770
DGDG 36:4	98064	136870	124050	142926	133294	168500	176514	436852
DGDG 36:5	45443	70598	44964	50341	50076	52724	57667	86258
DGDG 36:6	35533	56355	52069	31569	33998	42334	28975	107012
MGDG 32:0	19428	22405	9778	10101	13194	11895	5526	24681
MGDG 34:0	37574	61251	15586	8060	45363	40502	18211	102922
MGDG 34:1	6635	18677	10336	9792	34756	13927	23051	95243
MGDG 34:2(1)	62768	85444	77618	56511	140654	93627	53231	277278
MGDG 34:2(2)	40825	73306	60105	47220	61712	69863	34357	163415
MGDG 36:3	35532	53357	18643	39623	42495	31912	31992	82231
MGDG 36:4	57165	83527	77273	92469	88936	90380	69015	122713
MGDG 36:5	29810	52648	37114	46148	37582	31834	25201	31496
MGDG 36:6	29437	52199	48937	38491	35117	37524	20856	57171
PC 32:0	193322	252708	110362	127140	162769	151380	319412	124726
PC 32:1	241029	283051	414879	642887	240854	229620	358984	183676
PC 32:2	97353	125346	162048	242162	119914	110650	254057	132893
PC 34:1	6398707	6708625	5316505	7901901	5687835	6266542	6840904	5228389
PC 34:2	3549859	3915093	3226461	4396007	3153244	3989751	6433407	3618947
PC 34:3(1)	73315	84820	44517	60400	59967	67870	86676	74647
PC 34:3(2)	31074	42372	16637	17284	24945	23712	51894	20472
PC 34:4	36112	45795	66799	103722	37665	34900	59144	27038
PC 36:1(1)	28730	39531	27433	35784	41420	25263	52864	38143
PC 36:1(2)	235581	344982	182618	321134	178712	191069	274103	187823
PC 36:2	5832566	5252571	5320539	7099708	4968953	5471882	5432471	4527586
PC 36:3	6577845	7456165	6397024	8768661	6305329	7211873	9080740	6193831
PC 36:4(1)	2466324	2984131	2299725	3132029	2596452	3162552	6314738	2764045
PC 36:4(2)	768456	741686	763265	900681	782962	820358	837067	765340
PC 36:5(1)	184950	248837	117712	178724	158604	172362	419904	167558
PC 36:5(2)	572930	606363	551299	697278	531168	657943	872350	595767
PC 38:2(1)	41347	31959	24721	48388	36393	36213	62522	24512
PC 38:2(2)	20654	19590	10752	26290	23481	26682	56919	19917
PC 38:3	27602	24656	20643	32175	26968	31132	73274	24273
PC 38:4(1)	12871	18114	13742	16360	19372	11530	23786	17187
PC 38:4(2)	39655	56992	30288	53441	29112	32155	46735	30626
PC38:5	658736	604432	745473	773930	654744	697946	715222	570906
PC38:6	805382	779637	862719	979172	843658	859455	878521	834878
PE 34:1	505979	440781	353742	547929	503299	582645	628654	395049
PE 34:2	655496	716745	686729	953649	793529	871987	1180526	863132
PE 34:3	17668	17465	8899	13360	16361	18674	16656	16608
PE 36:2	255989	226031	173870	279801	251571	320776	286699	169468
PE 36:3	565352	599876	500323	794628	649255	738686	834938	505016
PE 36:4	517293	636009	502022	776421	687505	692074	982115	565269
PE 36:5(1)	21781	24832	11253	19484	19946	22187	30535	18254
PE 36:5(2)	119214	115893	127517	160792	137020	146632	175999	134478
TAG 48:0	2863012	3414524	2613257	2912870	2582867	2182832	1411736	3562637

Rice Lipid Raw Data	GW373	GW374	GW375	GW376	GW377	GW378	GW379	GW380
TAG 48:1	1649439	2106865	2120660	2633979	1688945	1393976	1784753	1683823
TAG 48:2	3226799	5130752	5552914	5746608	3205258	2745149	3629709	4613856
TAG 48:3 (1)	246337	308201	340173	366610	227352	173247	279810	253250
TAG 48:3 (2)	51823	35797	24082	57132	43466	40549	66310	35630
TAG 48:4(1)	75978	101838	123643	119040	77453	76103	137256	96514
TAG 48:4(2)	24995	23637	26574	31343	16760	20233	36564	24220
TAG 50:0	1172459	1604988	1140273	1125039	1106112	835692	497541	1697419
TAG 50:1	32500000	30700000	30000000	35000000	31100000	30400000	26900000	33800000
TAG 50:2	54200000	54500000	55100000	59400000	52300000	51300000	49200000	59000000
TAG 50:3	10700000	13100000	12200000	14600000	10200000	8624889	10800000	10900000
TAG 50:4	3632276	5587760	5828453	6718392	4004790	4256301	5370871	5522119
TAG 50:5 (1)	253894	327433	346996	423695	254610	197058	315533	273242
TAG 50:5 (2)	27542	21235	23715	40996	22642	28811	66231	19650
TAG 52:0	721235	852677	660792	677270	660820	563597	354242	939007
TAG 52:1	12600000	14800000	11600000	14300000	11400000	10100000	7792346	14700000
TAG 52:2	49200000	48600000	55200000	55500000	53800000	54200000	52400000	56300000
TAG 52:3	73600000	71100000	78700000	79500000	77700000	79000000	79900000	78400000
TAG 52:4	77400000	81500000	80900000	81800000	76400000	78000000	85000000	90000000
TAG 52:5	15100000	16800000	14100000	17100000	14200000	14000000	16000000	16700000
TAG 52:6	614566	673398	535993	714152	508502	431306	540435	710875
TAG 54:0	279325	302556	245632	260717	235423	216424	145504	371806
TAG 54:1	6715382	7343520	5665042	6934229	5709503	5207174	4110692	7613487
TAG 54:2	23900000	25600000	24000000	25300000	23100000	20500000	18000000	27600000
TAG 54:3	46200000	46700000	54700000	53500000	52200000	52700000	52000000	56800000
TAG 54:4	64000000	66500000	72400000	75400000	72100000	73600000	72800000	75300000
TAG 54:5	73500000	75500000	73100000	83200000	71500000	78400000	86200000	79100000
TAG 54:6	39600000	46200000	41300000	48700000	40300000	50100000	61000000	51000000
TAG 54:7	6646957	7440440	6299504	7969993	6239271	7841878	10500000	8286461
TAG 54:8	380656	440122	345931	444780	313552	362645	556514	560697
TAG 56:0	202956	240575	175208	180511	154577	152814	86427	234079
TAG 56:1	2424843	2489057	2000299	2291059	1919554	1892646	1342443	2717285
TAG 56:2	12500000	12000000	10900000	11800000	10300000	10900000	7513007	12500000
TAG 56:3	14100000	13000000	12200000	13900000	12000000	12300000	12700000	12900000
TAG 56:4	7159632	7341796	7216207	8372759	7473011	7333864	9786538	7869152
TAG 58:0	46623	66433	33176	33067	29113	31786	15981	64807
TAG 58:1	2228345	2126648	1822229	2149123	1758463	1820090	1392784	2212238
TAG 58:2	6402054	6482000	5474826	6128165	5256304	5823330	4331176	6877873
TAG 58:3	3703350	3439004	3229822	4020966	3222244	3633946	3567488	3540672
TAG 58:4	3310772	3498807	3158807	3583822	2863818	3146968	3439429	3701468
TAG 58:5	413198	456726	345266	461310	350510	332697	401503	496095
TAG 60:1	654926	713451	427266	566582	385339	475929	291450	716839
TAG 60:2	4954315	4732028	4120757	4631775	3617073	4328918	2845984	5079735
TAG 60:3	4369431	4278790	3637425	4308994	3527519	4347340	4133246	4053558
TAG 60:4	3819574	4076740	3329517	4030925	3114276	3856406	4261227	4422961
TAG 60:5	442262	443407	295979	430377	311962	332237	322761	472199
TAG 60:6	21012	22357	15257	20256	14814	18692	20119	29051
DAG 34:1	84002	112114	54842	84411	73510	67679	60648	41115
DAG 34:2	163711	238896	119231	166768	139677	135504	121696	79499
DAG 36:2	151041	201586	111852	168552	139216	119165	64409	99320

Rice Lipid Raw Data	GW373	GW374	GW375	GW376	GW377	GW378	GW379	GW380
DAG 36:3	213701	270258	165906	187738	184773	182358	249935	100781
DAG 36:4	221747	298173	186388	193753	198925	233752	362471	179448
DAG 36:5	31205	38870	25271	26581	26267	27862	51524	25159
Lyso-MGDG 16:0	342269	408706	271897	223605	384143	281295	349551	554643
Lyso-MGDG 18:0	21646	29964	6861	6220	22542	14808	12889	34821
Lyso-MGDG 18:1	5455	9402	11116	10701	12565	6085	11865	36220
Lyso-MGDG 18:2	35621	39974	80722	62219	57508	39704	34361	117580
Lyso-DGDG 16:0	43810	64323	88528	52040	63549	66616	55289	260170
Lyso-DGDG 18:1	10556	14530	16924	14079	21512	11244	16647	72370
Lyso-DGDG 18:2	49990	53222	136381	92764	81890	53778	63149	234999
Lyso-PC 16:0	4752164	6549887	4955791	4658208	4074212	3433998	5629090	3295859
Lyso-PC 16:3	39456	65187	103509	99827	49543	32627	82287	30382
Lyso-PC 18:0	333811	621623	174309	175043	300969	234451	214124	296157
Lyso-PC 18:1	527540	991650	534372	837182	640190	368258	1125630	466681
Lyso-PC 18:2	2376337	2924858	3425858	3218337	2185947	1613468	2616105	1416647
Lyso-PC 18:3	887304	1067249	881002	863007	786378	696856	984100	665835
Lyso-PE 16:0	320023	502246	402490	399464	393501	350616	471568	377395
Lyso-PE 18:0	4913	6959	12989	13012	9899	5365	15898	9885
Lyso-PE 18:1	30951	54978	30977	49135	41333	31176	61046	41956
Lyso-PE 18:2	259863	298700	351134	364364	245123	201115	271350	236355
Lyso-PE 18:3	66090	92858	80610	78313	78411	70166	88794	76619
SQDG 32:0	51916	104211	66323	63736	44314	95235	47651	43662
SQDG 34:2	5942	27682	20469	28165	26854	20386	17768	13261
PG 32:0	33356	84133	55428	32789	42766	56639	55606	53716
PG 34:1	98419	87407	77741	40454	61134	74703	70103	101631
PG 34:2	100694	87744	101805	75982	79132	96537	88152	124012
PG 36:3	28978	20874	19674	10595	13207	17939	16338	29937
PS 36:0	84207	47703	66438	70614	103804	46099	40154	60257
PS 36:1	45424	17276	31709	26131	31106	16937	17231	33537
PS 38:0	841267	734727	781546	638712	868737	672243	703097	750047
PS 38:1	826147	521002	618989	448488	512375	418829	488018	761136
PS 38:2	19486	14318	15262	6653	9280	9223	11736	14373
PS 40:0	51550	39633	49461	31343	50584	27687	30841	41103
PS 40:1	674572	613214	660024	536584	699387	486116	576375	577176
PS 40:2	1077112	710894	863639	662230	870569	679759	714217	958427
PS 40:3	663139	323725	485108	314101	381033	328106	381210	654448
PS 40:4	46744	24034	30458	13865	19649	17768	20541	43213
PI 34:1	467793	311855	230779	255593	444955	356863	469846	504459
PI 34:2	874138	665949	521341	832155	979602	814102	913586	1094156
PI 34:3	24340	28886	16980	22701	28556	26675	30751	29476
PI 36:4	114040	65892	52517	60732	80962	73125	87527	189227

Rice Lipid Raw Data	GW381	GW382	GW383	GW384	GW385	GW386	GW387	GW388
DGDG 32:0	40675	15065	38098	30299	19696	36105	11794	12370
DGDG 34:1	27009	22007	26148	24120	17238	33576	23501	19399
DGDG 34:2	177632	111643	155170	156758	138055	226965	117444	97276
DGDG 36:2	21783	14046	21068	27953	28727	33720	23974	21769
DGDG 36:3	45947	45518	52461	61350	49808	59246	61768	59758
DGDG 36:4	131550	123278	140283	155738	120092	162943	155103	121876
DGDG 36:5	89405	56012	74561	72936	46105	84373	76874	70675
DGDG 36:6	82276	30491	56877	55899	30060	94975	49877	46793
MGDG 32:0	23746	11513	25173	19631	12241	16917	7697	13930
MGDG 34:0	49385	55389	25125	23460	46869	29123	18693	76603
MGDG 34:1	22188	32674	6679	15443	12904	18678	16557	25619
MGDG 34:2(1)	89446	65115	49349	62717	87062	128484	51266	61076
MGDG 34:2(2)	62430	82828	50633	54626	55058	81547	29491	93929
MGDG 36:3	30874	41380	39751	45672	37671	38485	31731	54446
MGDG 36:4	81592	70771	92314	105026	73131	99127	84752	88809
MGDG 36:5	51947	36904	54732	46412	36361	53038	46285	55477
MGDG 36:6	62351	28614	49906	45697	30738	73140	39108	52685
PC 32:0	198127	469158	142152	127470	213649	235766	171489	373976
PC 32:1	383545	442774	331877	310600	263008	371515	369617	924553
PC 32:2	171104	253763	126910	123284	143054	158387	166803	478556
PC 34:1	7453073	7980762	7662804	6847423	5952545	7133140	7235137	8494986
PC 34:2	4280421	6258568	4651426	3970678	3554921	4510420	4477026	5604599
PC 34:3(1)	121773	79654	68675	56824	60925	97056	78249	60377
PC 34:3(2)	31367	82020	22393	18986	34232	38165	25784	63489
PC 34:4	60735	68793	50490	47553	40001	58762	58185	153097
PC 36:1(1)	31096	40888	33142	38266	39238	35818	51232	44054
PC 36:1(2)	210470	292593	299826	339724	285011	246334	444046	577260
PC 36:2	6761967	5653147	6434955	6520756	5150901	5327836	6125556	7967927
PC 36:3	7810498	9809310	8741794	7952044	6413310	7223415	8721869	10700000
PC 36:4(1)	3220577	5091963	3396140	3136495	2596009	2815677	4043110	4938020
PC 36:4(2)	881855	900220	802782	827032	788651	793962	845957	875741
PC 36:5(1)	312116	271817	204093	195158	152682	215448	262348	236888
PC 36:5(2)	687315	866774	719820	642260	602641	708113	712568	837097
PC 38:2(1)	42283	49524	47515	45391	37188	39499	54582	50225
PC 38:2(2)	9694	34122	33373	22639	24538	20570	33742	16868
PC 38:3	31231	51094	40648	34996	28397	28000	46657	40343
PC 38:4(1)	13102	18142	14687	17416	18147	16799	23254	19533
PC 38:4(2)	35020	48974	53043	56049	47968	43709	75867	98233
PC38:5	691761	724736	762677	739543	688586	653478	713446	738437
PC38:6	873873	979811	946319	871002	848994	913024	911760	946771
PE 34:1	606658	636061	642089	624537	565200	616801	747181	898167
PE 34:2	867657	1022715	939935	815502	731619	957226	1071562	1236527
PE 34:3	28906	14526	14995	12157	13101	15293	17728	10676
PE 36:2	310198	237581	331558	349439	346354	234905	349213	405621
PE 36:3	738494	812192	791695	745450	705748	605018	862603	1040857
PE 36:4	644285	904470	785270	664403	592111	585449	861061	1001819
PE 36:5(1)	34085	25499	23312	19294	16922	18962	25044	21128
PE 36:5(2)	145159	163311	151742	136357	131941	158257	162850	176798
TAG 48:0	4263572	2040412	4717769	3210689	2225490	3247730	1471693	1711725

Rice Lipid Raw Data	GW381	GW382	GW383	GW384	GW385	GW386	GW387	GW388
TAG 48:1	2622541	3103115	2338986	2242188	1639341	2193646	1945987	5048911
TAG 48:2	7261953	7158862	4653342	4172949	3153499	4888106	3194263	10800000
TAG 48:3 (1)	406375	445444	256493	301189	220026	286611	285133	730202
TAG 48:3 (2)	31352	97153	30302	43607	37352	46918	82687	113835
TAG 48:4(1)	111200	147249	85986	132442	72445	90705	128463	211443
TAG 48:4(2)	25443	57953	17644	24295	15149	30323	29280	54579
TAG 50:0	1613532	709136	1757324	1245694	982666	1312591	731978	726195
TAG 50:1	36500000	29700000	40000000	35900000	28900000	35500000	31700000	31100000
TAG 50:2	62100000	57700000	67600000	61500000	50600000	60400000	55100000	59100000
TAG 50:3	14900000	14300000	13800000	12900000	9461384	13600000	11700000	20500000
TAG 50:4	7767674	6916358	4837785	5631678	3526124	5371853	5613216	12400000
TAG 50:5 (1)	490681	373694	250817	266024	210871	250438	282685	820534
TAG 50:5 (2)	19221	65318	16776	34411	19526	22507	83495	83811
TAG 52:0	895359	442799	962032	733872	626848	766078	525443	451127
TAG 52:1	14700000	11200000	17200000	15400000	11200000	14100000	14800000	13800000
TAG 52:2	55700000	52600000	56300000	55700000	52500000	54300000	56000000	53500000
TAG 52:3	80500000	81200000	84400000	82100000	75900000	80200000	85000000	82400000
TAG 52:4	89400000	89500000	95700000	86100000	75300000	87000000	88000000	90800000
TAG 52:5	18700000	17300000	18100000	16800000	12800000	16800000	16500000	17700000
TAG 52:6	852890	519801	685425	591169	415936	611248	510573	531442
TAG 54:0	343319	169148	378159	286195	252172	315145	231790	176343
TAG 54:1	7482389	5437709	8685876	7899893	5742738	7918908	8015191	6054093
TAG 54:2	25700000	20800000	28100000	27500000	22600000	25900000	28200000	28400000
TAG 54:3	54700000	49500000	54700000	55000000	52500000	53900000	54700000	55500000
TAG 54:4	73600000	72000000	76100000	78600000	72900000	73200000	78900000	76300000
TAG 54:5	81600000	85900000	85600000	86500000	73200000	78300000	98800000	90000000
TAG 54:6	49300000	55000000	52700000	53900000	37900000	46800000	60100000	59800000
TAG 54:7	8359033	9570269	8070333	8357100	5835223	7449538	10300000	10800000
TAG 54:8	509145	434638	427891	390850	275489	376433	491638	524872
TAG 56:0	249873	120812	296416	189039	160256	248397	118093	121362
TAG 56:1	2880227	1634750	2966995	2491040	2084712	2743081	2592914	1808354
TAG 56:2	13000000	8992641	13200000	13100000	11200000	14100000	13500000	9850726
TAG 56:3	14800000	13600000	15300000	14800000	12500000	15100000	17300000	13700000
TAG 56:4	8594237	9860311	8442130	8399075	7119924	9117350	11100000	7817235
TAG 58:0	47237	23136	70203	42891	32699	54266	29375	26742
TAG 58:1	2537198	1874489	2909488	2463955	1751325	2769896	2412924	1969582
TAG 58:2	7404354	5355904	7493104	6538838	5560345	7445835	6710025	5640664
TAG 58:3	4582629	4047634	4093062	4209284	3458625	4238703	4796407	3724584
TAG 58:4	4589976	3994668	3933361	3993724	3145390	4124116	5215203	3621576
TAG 58:5	673919	370431	474129	405632	355424	442130	484256	334101
TAG 60:1	608954	405983	854200	732105	413658	778278	766655	556404
TAG 60:2	5257565	3396262	5563967	5145510	4013545	5556458	5708798	4257223
TAG 60:3	4479837	4625946	4726875	5067977	3775038	5122126	6337600	5245855
TAG 60:4	4460288	5092178	4688207	4754976	3369032	4979328	6474248	5107672
TAG 60:5	528160	391176	473141	442977	304427	466534	547793	452289
TAG 60:6	36033	21771	27855	21328	15607	22644	27054	18182
DAG 34:1	53932	46015	123201	72636	95703	72925	90543	61749
DAG 34:2	107264	80810	259379	141387	194526	121751	201408	117942
DAG 36:2	118922	45300	197073	145039	151252	100552	194800	120053

Rice Lipid Raw Data	GW381	GW382	GW383	GW384	GW385	GW386	GW387	GW388
DAG 36:3	94459	169909	283754	134677	325666	166825	312018	203532
DAG 36:4	123099	287499	312700	157159	288258	179485	356457	284753
DAG 36:5	19669	36094	37598	16669	40757	25270	39052	35947
Lyso-MGDG 16:0	433413	504244	218612	250814	254118	323367	230970	548974
Lyso-MGDG 18:0	35589	23979	22331	31249	19267	21499	24792	52242
Lyso-MGDG 18:1	4884	6993	4944	10611	7083	8987	7165	7034
Lyso-MGDG 18:2	28859	12927	30210	46181	48181	52736	34500	22346
Lyso-DGDG 16:0	48981	13193	32588	39132	42042	52400	24823	5434
Lyso-DGDG 18:1	10373	1275	7750	15525	11782	16855	15559	1020
Lyso-DGDG 18:2	37637	3826	37814	60389	57572	72563	50243	3537
Lyso-PC 16:0	3932085	4036828	2137999	3033533	4415144	4666305	3548667	4525623
Lyso-PC 16:3	73207	32968	19281	37142	49167	50526	47884	54041
Lyso-PC 18:0	269949	413326	182446	286736	353164	268401	350070	720872
Lyso-PC 18:1	576771	656594	398150	749551	602663	698618	1215128	857518
Lyso-PC 18:2	1605444	476145	1314664	1950109	2219275	2361201	2188494	565039
Lyso-PC 18:3	769918	796487	454490	629084	830448	883526	723219	859193
Lyso-PE 16:0	355579	229890	177088	249255	374544	380608	390140	301397
Lyso-PE 18:0	12493	15068	2623	6968	5395	6074	7063	19804
Lyso-PE 18:1	41042	20140	29650	44392	39909	42367	94925	23519
Lyso-PE 18:2	210968	20925	141728	221753	268203	258370	336820	22407
Lyso-PE 18:3	73240	47274	39585	53797	76522	74908	76187	63785
SQDG 32:0	119455	87198	51517	113718	75238	53265	86638	48327
SQDG 34:2	38206	28659	14479	30471	24367	19118	31452	24309
PG 32:0	74313	73653	39248	78286	57765	62063	78054	51049
PG 34:1	57553	112627	84971	84643	82642	72792	83821	97982
PG 34:2	114309	135519	98668	108050	98762	82636	109590	106415
PG 36:3	13662	25174	16560	18518	22991	16277	14417	27208
PS 36:0	33217	61037	68729	55492	52388	47706	60512	60069
PS 36:1	16918	22914	35106	18006	20022	19416	23040	23557
PS 38:0	623550	764086	822958	814579	733327	697668	814929	801946
PS 38:1	474061	536212	729635	558430	521320	474666	530788	559244
PS 38:2	12564	21486	13557	11639	9140	9847	16652	13412
PS 40:0	29021	32914	45010	42284	46247	41301	36936	60935
PS 40:1	438601	671040	555242	705199	668490	541361	562116	647369
PS 40:2	624869	812418	947022	809151	783466	680884	707276	855969
PS 40:3	328721	376664	586103	414038	376946	326874	339265	462200
PS 40:4	19293	33885	32389	22416	20027	18195	23680	25217
PI 34:1	277081	377011	465879	389718	389089	364730	437873	558478
PI 34:2	1021525	902717	963365	911946	868457	827878	1235947	1207925
PI 34:3	43542	43284	29230	29035	24554	23399	41589	39478
PI 36:4	78088	74505	109649	76297	84041	71470	82174	131605

Rice Lipid Raw Data	GW389	GW390	GW391	GW392	GW393	GW394	GW395	GW396
DGDG 32:0	14013	12317	42923	30734	19012	15378	93064	78323
DGDG 34:1	20000	17494	31973	33297	10695	17253	64152	48466
DGDG 34:2	148086	106002	293555	266079	74647	134535	370922	337445
DGDG 36:2	24261	15146	82486	58554	16094	24320	48047	51744
DGDG 36:3	54698	48988	61512	62711	17555	36857	82709	65755
DGDG 36:4	215271	156721	169183	210771	74730	138834	224811	210220
DGDG 36:5	96278	61154	71236	84626	31331	54773	123044	82679
DGDG 36:6	56015	40242	76607	73471	26667	44598	119820	78538
MGDG 32:0	5826	4120	35761	13232	21293	12559	49109	33057
MGDG 34:0	10862	8887	123926	46997	43252	20684	77026	27425
MGDG 34:1	23446	19993	43335	23993	7436	9853	25669	22647
MGDG 34:2(1)	82289	49817	179593	122375	58046	93551	83895	156232
MGDG 34:2(2)	37925	25832	190463	86790	72301	65410	101967	109867
MGDG 36:3	33140	31319	41866	37642	13258	26958	43924	30860
MGDG 36:4	109687	85405	107709	108480	50719	91484	118666	122032
MGDG 36:5	49728	35143	44747	49753	21558	40923	74753	60680
MGDG 36:6	46737	37338	68263	72090	23895	47125	97140	84182
PC 32:0	207383	181504	396406	193620	248571	162192	310444	145751
PC 32:1	443025	463074	653573	368625	300054	285735	421258	450468
PC 32:2	315045	283572	303579	211090	160638	162781	283950	197396
PC 34:1	6686995	6295139	6824914	7834735	6043184	6358786	9046059	6505375
PC 34:2	5686031	5611934	4777798	5378726	4081966	4455752	6881719	3894400
PC 34:3(1)	128024	73995	93870	103183	109998	122211	140368	65632
PC 34:3(2)	32591	29802	71229	32062	40737	26748	52380	21380
PC 34:4	70137	74534	103384	58869	46314	44432	65723	71658
PC 36:1(1)	49569	39621	38249	35312	43655	39960	44698	38304
PC 36:1(2)	242846	299631	288595	317071	247903	253375	458092	377200
PC 36:2	4313978	5252877	6458107	6071365	5034467	5632117	7449635	5918770
PC 36:3	7993541	8652075	9159661	9679092	7032963	8030525	10500000	7540326
PC 36:4(1)	5158462	5121057	3795324	4286350	3161074	3897505	4819610	3201670
PC 36:4(2)	813233	824137	846225	896366	778241	786900	820239	857419
PC 36:5(1)	397412	288251	255448	267431	259450	395341	323213	252700
PC 36:5(2)	828436	823411	730956	805414	686506	713017	903135	639193
PC 38:2(1)	42929	50835	39709	46125	39044	43888	43928	38847
PC 38:2(2)	25291	21367	31559	30981	31177	24616	24278	32186
PC 38:3	41255	44739	37919	38790	28742	38801	43869	32634
PC 38:4(1)	23413	17522	18290	16861	19724	18654	21495	17304
PC 38:4(2)	37405	49538	48814	52151	40194	42036	76894	61175
PC38:5	666601	760311	678360	761037	684386	736763	707470	745304
PC38:6	925389	896072	957831	993339	871154	916250	959957	918258
PE 34:1	527527	711695	471923	634244	529009	453618	603960	668250
PE 34:2	1128755	1033830	990643	1105846	666596	713026	1201539	1141746
PE 34:3	24913	15573	21035	23839	23325	18637	22647	14758
PE 36:2	183515	301752	212136	282675	297139	282867	300459	294199
PE 36:3	702176	806408	661066	794963	658947	696568	853466	813193
PE 36:4	968749	922491	771129	910782	608903	753429	926972	838403
PE 36:5(1)	41430	25866	29351	29035	30184	31996	30640	23655
PE 36:5(2)	169323	160949	157856	167623	126655	127664	178436	173605
TAG 48:0	1022776	922781	3712835	3333331	2870196	3102163	6173687	3294035

Rice Lipid Raw Data	GW389	GW390	GW391	GW392	GW393	GW394	GW395	GW396
TAG 48:1	1905323	2067020	3428168	2022856	2149278	2267395	2947515	2566978
TAG 48:2	4600723	3656241	10100000	4918462	5081289	4043305	7683114	6258978
TAG 48:3 (1)	333832	327592	504791	304936	335364	249457	527664	371977
TAG 48:3 (2)	52785	49004	29890	40482	24392	35758	71450	34849
TAG 48:4(1)	171256	171608	157239	121387	98942	86161	122928	193966
TAG 48:4(2)	40788	38228	40179	34241	23055	18554	38164	30467
TAG 50:0	476168	450383	1450829	1382880	1115112	1152639	2764595	1580541
TAG 50:1	24000000	24800000	33600000	33000000	31900000	36600000	41300000	34300000
TAG 50:2	48900000	49200000	63800000	62700000	55400000	60100000	73600000	59700000
TAG 50:3	12400000	12400000	17400000	12400000	11300000	11800000	18000000	13400000
TAG 50:4	7777893	7535770	10200000	6394765	6188362	4041893	6227372	8615436
TAG 50:5 (1)	372875	351193	550000	358711	403584	225772	476348	366174
TAG 50:5 (2)	48418	59536	25190	29548	22553	19536	38538	28870
TAG 52:0	374265	344657	740696	813694	679083	681163	1311642	921134
TAG 52:1	7630073	8719118	13300000	13600000	11200000	14100000	20600000	15900000
TAG 52:2	48200000	52700000	56000000	56700000	53900000	56700000	56700000	57900000
TAG 52:3	79700000	80900000	83800000	81500000	79100000	82900000	89700000	84300000
TAG 52:4	85400000	86500000	95700000	93900000	82700000	82300000	99200000	89500000
TAG 52:5	16000000	16200000	19700000	20500000	17500000	15300000	24200000	14900000
TAG 52:6	559343	447022	744219	765116	705936	544648	1142917	491397
TAG 54:0	151602	141587	287180	316679	263983	269935	514491	380084
TAG 54:1	3781073	4529060	6320803	6847436	5533716	6993012	10900000	8548571
TAG 54:2	17800000	20800000	24400000	25400000	21300000	24600000	32200000	32000000
TAG 54:3	48400000	52900000	54200000	52900000	52100000	54900000	54200000	56700000
TAG 54:4	73800000	74400000	74900000	76800000	68800000	72700000	77700000	78600000
TAG 54:5	84100000	87900000	81900000	82400000	76300000	75400000	89400000	81300000
TAG 54:6	61800000	66700000	52500000	54700000	48100000	41900000	52500000	54800000
TAG 54:7	10300000	11500000	8701533	10700000	8872689	6714905	9133442	7426792
TAG 54:8	581427	504469	516220	638417	588323	329826	553637	335954
TAG 56:0	77117	63890	237721	225199	183593	176936	388521	264069
TAG 56:1	1225695	1421741	2206007	2500330	1906902	2337249	4145050	3102164
TAG 56:2	7304607	8379917	12200000	12900000	10000000	11600000	17600000	14900000
TAG 56:3	11500000	12700000	12900000	14900000	11400000	13500000	19700000	16600000
TAG 56:4	9873594	9999849	8490846	8995850	7751358	8432735	9417210	9136287
TAG 58:0	15597	12951	48680	50522	34094	33908	121469	60353
TAG 58:1	1341176	1215356	2078526	2503339	1836160	2037293	3810893	2635161
TAG 58:2	4655618	4115895	6645538	7517204	5312117	5485754	9905526	7497680
TAG 58:3	3220866	3343313	3714753	4538364	3105298	3628825	5814679	4458658
TAG 58:4	3692691	3846247	3757792	4421214	3147091	3509869	5782579	4597611
TAG 58:5	412844	380496	412785	546807	426523	441857	757844	428517
TAG 60:1	296171	278031	529766	660929	398342	511313	1246448	737298
TAG 60:2	3045532	2772586	4594084	5517519	3692382	3825787	7981525	5955243
TAG 60:3	4260969	3647955	4368195	5274665	3384913	3646955	6562461	5292985
TAG 60:4	5090958	4115817	4404349	5285011	3542522	3405094	6362380	5240852
TAG 60:5	379333	281538	404125	598038	421910	353851	879674	447735
TAG 60:6	36966	23373	30640	35621	24301	42279	49207	26846
DAG 34:1	71953	45485	82916	95538	97178	139013	110161	89421
DAG 34:2	196822	125230	186029	210637	224144	257555	202315	202080
DAG 36:2	112872	103191	122550	171766	145590	192225	189888	185902

Rice Lipid Raw Data	GW389	GW390	GW391	GW392	GW393	GW394	GW395	GW396
DAG 36:3	297426	201624	221883	273651	206986	286625	276103	222467
DAG 36:4	488775	330308	310830	350965	296087	289115	292773	276339
DAG 36:5	46553	32104	44112	47109	44420	35850	45204	27291
Lyso-MGDG 16:0	351744	232537	703783	387636	272064	264372	506497	328091
Lyso-MGDG 18:0	12508	8716	57533	20059	13708	16163	42999	10953
Lyso-MGDG 18:1	12476	10082	13723	12042	5879	5178	20749	14218
Lyso-MGDG 18:2	79162	47716	64329	52736	44329	49288	76772	115714
Lyso-DGDG 16:0	54277	28678	66091	67695	30386	28597	102730	126014
Lyso-DGDG 18:1	21710	15010	5454	14603	5921	7680	30206	25681
Lyso-DGDG 18:2	143147	86985	23295	62192	31580	54849	94884	185852
Lyso-PC 16:0	7495464	4189219	5409538	4852003	3315740	3296766	5570140	4302542
Lyso-PC 16:3	189656	117538	51321	42883	66181	43070	41874	94535
Lyso-PC 18:0	408944	196985	714082	338083	205866	207789	472513	196290
Lyso-PC 18:1	1386176	1056712	590878	631571	380354	551274	882032	536756
Lyso-PC 18:2	5061026	2949397	736904	2315686	2067355	2572373	2135116	2782966
Lyso-PC 18:3	1125074	795845	973909	892089	678834	670144	956209	805149
Lyso-PE 16:0	632061	401656	352200	437438	292520	259910	412346	489678
Lyso-PE 18:0	24508	16469	25521	7065	11674	6895	8498	15733
Lyso-PE 18:1	74560	71447	18639	42693	24625	34842	46455	49639
Lyso-PE 18:2	508683	349491	31742	269818	205623	278337	204549	479009
Lyso-PE 18:3	111639	79943	69733	85704	62123	54572	76268	92669
SQDG 32:0	64528	54662	57769	96223	53396	51392	42348	147432
SQDG 34:2	26517	17472	15763	23777	26161	13737	19289	40107
PG 32:0	30995	50255	39773	64910	69740	54608	45241	91953
PG 34:1	105766	81492	83230	68411	77081	68656	79985	103282
PG 34:2	87673	116606	93085	96668	106546	67571	87490	157589
PG 36:3	19941	21584	22321	15147	17067	18462	20782	22483
PS 36:0	147650	72743	73287	90930	57661	47984	46739	66316
PS 36:1	53074	43624	40313	43380	26017	25370	23861	30675
PS 38:0	873530	720987	720232	735593	816187	669714	706930	982863
PS 38:1	681909	669734	624353	559169	654391	508353	565070	762635
PS 38:2	7824	22956	12142	16117	17141	18933	19928	25023
PS 40:0	84211	33480	38681	41439	46254	34659	37113	60612
PS 40:1	829848	443896	550324	625997	607312	520188	585993	708045
PS 40:2	1070773	799006	817644	870299	898124	672485	764200	984458
PS 40:3	503597	548889	556037	458285	463538	375724	451629	501015
PS 40:4	22427	47292	32751	29089	28212	31677	39766	35246
PI 34:1	637582	450470	610208	337354	381811	349049	291311	442679
PI 34:2	926463	1110912	1020679	941788	841069	600530	623903	1213667
PI 34:3	22643	45162	28075	38530	27430	26245	22663	51892
PI 36:4	95807	130907	127844	75242	64501	60899	57717	97222

Rice Lipid Raw Data	GW397	GW398	GW399	GW400	GW401	GW402	GW403	GW404
DGDG 32:0	31685	64399	22894	95736	29214	19078	24221	59050
DGDG 34:1	28858	48036	85057	39937	38216	30559	43202	37529
DGDG 34:2	234388	296242	461873	214298	270469	128960	240902	190902
DGDG 36:2	38315	44938	99816	34151	68146	23791	35367	32297
DGDG 36:3	60646	70581	198082	55926	70231	86151	99504	50960
DGDG 36:4	183370	195297	317605	127733	167320	150804	169980	121689
DGDG 36:5	71005	80366	112431	51050	34758	61627	67240	57956
DGDG 36:6	66727	83548	149554	35079	17804	34493	42155	38783
MGDG 32:0	10973	19318	12490	59373	18056	7766	21570	27121
MGDG 34:0	32764	31514	47462	160913	60553	14066	78213	44749
MGDG 34:1	22330	22193	110685	25590	21125	20943	52502	10042
MGDG 34:2(1)	99566	98945	212876	84506	148507	39022	117535	53131
MGDG 34:2(2)	51253	78196	205425	114237	105438	28659	168035	47806
MGDG 36:3	28594	43323	94999	48182	48970	43324	79023	28062
MGDG 36:4	105670	130353	155671	85843	113252	64134	108467	106205
MGDG 36:5	63581	67893	69043	22339	28007	49236	49038	58926
MGDG 36:6	66425	86654	122502	24579	18717	52054	49215	60180
PC 32:0	154620	150506	181260	428748	175987	171926	492097	348848
PC 32:1	444522	586458	594005	280734	232734	494096	786255	360433
PC 32:2	243531	290167	335235	186371	126932	296071	531052	213890
PC 34:1	6199111	6796147	7291894	6913137	5714520	7735863	8599746	7639744
PC 34:2	3970708	4591658	4729832	5238922	4014546	5223525	6260423	5171122
PC 34:3(1)	47823	73169	82781	103227	53341	59024	63674	103643
PC 34:3(2)	24013	24564	29698	72865	28879	27021	86337	57540
PC 34:4	68466	93830	97435	42745	35693	76799	128646	57527
PC 36:1(1)	39805	56482	82547	35052	43067	58375	60570	45093
PC 36:1(2)	302519	347316	354180	319388	253348	391253	505496	331602
PC 36:2	5878677	6011327	6781776	6177483	5781677	7958211	7683168	6592845
PC 36:3	7472625	7939108	8659434	8525168	7630007	10100000	10500000	7656051
PC 36:4(1)	3130284	3249680	3637268	4089899	3139757	4538447	5159851	3181784
PC 36:4(2)	809986	817791	823434	823642	811959	963322	876940	907150
PC 36:5(1)	159623	282708	239448	325528	201350	290501	266016	228096
PC 36:5(2)	659725	712111	757731	801829	675838	801547	900329	837924
PC 38:2(1)	28819	36335	40720	43204	44246	73924	53421	47919
PC 38:2(2)	25538	33767	17776	39064	41117	42314	18635	30721
PC 38:3	27406	27200	36674	46572	41490	54115	49241	40204
PC 38:4(1)	18623	25098	36857	15587	20193	26835	27778	20661
PC 38:4(2)	49829	58639	60372	52927	41367	68969	85952	57955
PC38:5	711298	728661	744467	668428	762034	773982	664174	778828
PC38:6	911463	900030	1004400	932840	920880	935463	953075	927984
PE 34:1	457267	568101	568245	706728	551379	942857	903778	778590
PE 34:2	906517	1086867	913237	1011427	770271	1051748	1287446	894399
PE 34:3	8705	14709	13481	23135	12037	14208	12631	20133
PE 36:2	196926	233213	239483	404658	396080	506759	404583	426344
PE 36:3	567983	673846	528080	829891	790450	1062511	999026	761367
PE 36:4	742683	864199	560171	694097	629659	835707	947145	568135
PE 36:5(1)	14411	25260	13340	29018	16318	23578	20543	19580
PE 36:5(2)	146159	162572	136802	160382	134166	165215	195348	145744
TAG 48:0	3862089	4080458	1521828	5341300	3063422	1250757	2457816	5934739

Rice Lipid Raw Data	GW397	GW398	GW399	GW400	GW401	GW402	GW403	GW404
TAG 48:1	2756182	3255077	3925015	2434476	1877688	2456055	5233882	2681380
TAG 48:2	6355903	8695117	7786573	5363989	3997931	4308880	12100000	6148961
TAG 48:3 (1)	362868	534236	530955	279688	253368	363776	785094	383028
TAG 48:3 (2)	51923	53457	54492	46508	20538	80464	106448	63230
TAG 48:4(1)	123861	187940	188836	112825	73148	135167	192763	112397
TAG 48:4(2)	32550	35990	34346	35243	15140	27513	56035	36894
TAG 50:0	1744047	2036565	601095	2318274	1304947	561955	875293	2293779
TAG 50:1	38700000	35200000	32300000	39000000	35500000	29800000	35500000	40700000
TAG 50:2	60400000	62700000	57100000	67400000	60300000	50100000	64500000	67000000
TAG 50:3	14600000	16800000	16300000	13600000	12400000	13600000	20700000	15900000
TAG 50:4	7654087	10400000	9853830	5756365	3915888	6727188	12000000	6226190
TAG 50:5 (1)	368999	649896	524049	261962	263408	380591	726775	404922
TAG 50:5 (2)	31073	31829	48141	29050	14345	67838	74735	35915
TAG 52:0	946418	1051385	435664	1148058	780441	395195	457648	1175727
TAG 52:1	17100000	17700000	13800000	15800000	13100000	11100000	13300000	16300000
TAG 52:2	56300000	55400000	58500000	59800000	57400000	55500000	55000000	57300000
TAG 52:3	83300000	84800000	87600000	88900000	80300000	83800000	86000000	88500000
TAG 52:4	89300000	92100000	92300000	94800000	84300000	89000000	96300000	93800000
TAG 52:5	15100000	18500000	17400000	18800000	16000000	17200000	19300000	21300000
TAG 52:6	489703	679624	638671	679849	567767	535428	623250	1009674
TAG 54:0	359042	391252	187181	447529	299785	162610	178826	428805
TAG 54:1	9115077	8360838	6984238	7780509	6588363	5690518	5330780	8489213
TAG 54:2	29700000	30400000	29000000	29400000	25400000	24700000	26000000	28400000
TAG 54:3	56200000	54800000	59100000	54500000	55600000	56100000	57000000	56300000
TAG 54:4	76100000	75900000	78900000	77800000	73800000	82400000	79500000	77200000
TAG 54:5	82900000	85100000	94600000	88600000	78000000	95400000	94800000	86900000
TAG 54:6	51000000	57200000	68800000	54600000	44800000	62900000	59200000	52900000
TAG 54:7	6686051	10200000	11700000	8831716	7110788	11700000	10900000	9828321
TAG 54:8	267093	534276	648934	449810	317300	607734	528401	637668
TAG 56:0	230170	277569	113796	354252	218714	94058	148991	320367
TAG 56:1	3111016	2769738	2127140	2877092	2366330	1831261	1698284	2732373
TAG 56:2	14500000	14100000	12000000	14400000	13000000	11100000	9253437	14000000
TAG 56:3	15100000	15000000	16100000	16100000	14500000	16900000	13500000	15400000
TAG 56:4	8929718	8573510	8634420	8252232	8486283	9258068	8134396	8065289
TAG 58:0	51905	73147	27083	101582	51399	21175	33588	73150
TAG 58:1	2685491	2463571	2537352	2862617	2310901	1735295	2084253	2513002
TAG 58:2	7368704	7209146	6947598	8051775	6680820	5331668	5890860	7413542
TAG 58:3	4154688	4362358	4457811	4672758	3989595	4385449	3964444	4096812
TAG 58:4	4229152	4186445	4413762	4454660	3884275	3858579	3622355	3749486
TAG 58:5	431623	465838	360623	523203	444441	369076	353696	497757
TAG 60:1	720580	704255	766175	901639	692037	410482	627850	675849
TAG 60:2	5525678	5659572	5590725	6274437	5304669	4044152	4400665	5118760
TAG 60:3	4513112	5178891	6238037	5427357	4802808	5258656	5305324	4583383
TAG 60:4	4532573	4918425	6613482	5374745	4718993	4563830	5246007	4251779
TAG 60:5	383775	487193	486759	516916	467618	378615	459528	503100
TAG 60:6	21217	27790	19329	26393	20510	23890	22464	30378
DAG 34:1	78518	115094	55441	128130	105401	95403	60197	96897
DAG 34:2	161847	211103	123189	213449	187714	192611	123372	208267
DAG 36:2	142311	168121	116440	179299	160976	186986	99694	184906

Rice Lipid Raw Data	GW397	GW398	GW399	GW400	GW401	GW402	GW403	GW404
DAG 36:3	185548	496746	179392	348385	278135	532914	257665	228490
DAG 36:4	238443	434513	263772	345091	301039	442437	296028	254462
DAG 36:5	24334	57265	32744	42777	37849	50013	35449	37811
Lyso-MGDG 16:0	410442	366243	1071126	481507	412030	293539	853030	469003
Lyso-MGDG 18:0	20204	15772	39401	63273	26818	8873	42904	32230
Lyso-MGDG 18:1	7612	17290	59181	11775	8908	22362	14898	7662
Lyso-MGDG 18:2	44787	95955	158259	53009	69983	68507	33201	40519
Lyso-DGDG 16:0	59839	111195	157436	72605	76850	62787	30625	66774
Lyso-DGDG 18:1	22794	27031	61397	15829	14608	34747	4735	15804
Lyso-DGDG 18:2	108144	138912	135239	55024	85156	121503	10769	57783
Lyso-PC 16:0	4049967	5754465	5687878	4252178	4640049	5276177	4882307	4417801
Lyso-PC 16:3	75017	175485	67168	31213	45690	128699	42647	39123
Lyso-PC 18:0	212173	304920	519418	500620	379442	225150	612394	271921
Lyso-PC 18:1	672703	938686	1618284	578596	602712	1486501	660131	666434
Lyso-PC 18:2	2574272	3406704	1298163	1813096	2346656	2847128	404031	2146943
Lyso-PC 18:3	763837	981118	981502	802925	880752	960171	913609	857270
Lyso-PE 16:0	351161	485371	412090	330452	529768	497915	299209	338792
Lyso-PE 18:0	15721	22271	44320	4676	5672	17847	31486	7991
Lyso-PE 18:1	42229	56488	68310	30986	50050	98833	25737	40050
Lyso-PE 18:2	305772	416050	82501	160599	309321	399295	24703	225523
Lyso-PE 18:3	70167	90596	79215	67239	95980	96681	62920	67967
SQDG 32:0	112255	83048	102682	77818	120276	80278	74506	79330
SQDG 34:2	24516	29863	19248	32131	25252	18288	22167	29747
PG 32:0	82115	77915	81966	52998	101575	65265	39383	39197
PG 34:1	68500	62821	74273	116730	94172	66352	104498	103411
PG 34:2	99343	103982	123805	139450	112547	76201	80604	99813
PG 36:3	18015	15900	16937	23567	25613	21567	27319	20213
PS 36:0	69708	69028	84250	83774	49504	39719	73906	115726
PS 36:1	26191	28452	34183	39014	20681	17117	30972	49602
PS 38:0	671707	709058	728467	797857	719993	653358	798283	895835
PS 38:1	514609	497330	539403	555447	611015	495717	577177	724477
PS 38:2	10797	6895	11441	14641	18592	7832	10436	10110
PS 40:0	49530	40377	47941	50898	43346	33865	53116	65167
PS 40:1	606033	569697	578186	670268	588370	599351	756976	787054
PS 40:2	741415	731388	800993	853824	840857	764307	1008975	1059655
PS 40:3	370240	372028	403975	427635	468265	373552	482353	522414
PS 40:4	22852	15168	24088	20812	37443	20689	25547	24229
PI 34:1	343923	263513	312335	352316	468480	524274	718376	462608
PI 34:2	945651	929837	928943	898543	1094759	950715	938502	812381
PI 34:3	27798	29259	35152	29363	37366	28043	24330	18000
PI 36:4	81361	83791	71281	75401	121403	121839	116271	76204

Rice Lipid Raw Data	GW405	GW406	GW407	GW408	GW409	GW410	GW411	GW412
DGDG 32:0	33466	9757	28835	13569	14831	65104	10772	16705
DGDG 34:1	36745	14026	26910	21296	22894	40021	14956	25563
DGDG 34:2	219142	93042	175496	155193	88554	242831	116539	157377
DGDG 36:2	31388	14695	35298	17313	23331	62393	21690	22452
DGDG 36:3	76495	53766	56838	51581	81327	59265	52880	67727
DGDG 36:4	158188	161964	166780	173534	144888	183435	128433	203152
DGDG 36:5	48156	70231	69159	46367	66011	83911	44312	79958
DGDG 36:6	22606	31221	42628	18879	31147	63802	30703	42235
MGDG 32:0	20811	4307	19693	4512	9852	33722	3739	6815
MGDG 34:0	18701	8788	49179	20979	20866	92833	9300	16784
MGDG 34:1	15895	10182	14134	19651	6962	29509	19484	26823
MGDG 34:2(1)	56077	24091	114187	47158	12244	109985	54837	54969
MGDG 34:2(2)	82370	20406	49525	33913	24918	101079	24769	35697
MGDG 36:3	56380	22294	31814	39455	55178	39919	18331	41512
MGDG 36:4	99053	66465	109754	66366	102155	97005	54348	87196
MGDG 36:5	39199	30934	49105	14386	73222	42285	26152	36881
MGDG 36:6	23524	26510	54017	13589	53956	53955	22743	33658
PC 32:0	307380	240646	312746	490660	145749	258105	142763	294672
PC 32:1	395146	387878	461120	327751	606979	222794	204948	496858
PC 32:2	193299	303099	281845	363068	288909	165888	122092	337670
PC 34:1	7475166	6467959	8113449	7231359	8101778	6756124	3676806	7560427
PC 34:2	4862641	5971798	5105489	7704752	5045773	5001514	3002123	6461160
PC 34:3(1)	60090	81457	116317	135217	60872	121686	43305	83877
PC 34:3(2)	51325	41191	52501	86726	17951	44077	23729	52372
PC 34:4	63075	60838	75352	51621	99872	33233	30329	83208
PC 36:1(1)	33625	40139	44999	57427	42941	53592	31842	48159
PC 36:1(2)	361706	338336	508344	288736	547154	371420	165954	324308
PC 36:2	7313413	4987587	6319102	5598335	7475089	5540624	2457107	6362226
PC 36:3	8952763	8375847	8393638	10800000	9696014	8301648	4335247	10000000
PC 36:4(1)	3414968	5703780	3694793	7780939	4182847	4068995	2405348	5855669
PC 36:4(2)	904062	905451	945020	922949	963953	893664	641272	926207
PC 36:5(1)	188269	362074	289281	593112	227412	334450	124633	417131
PC 36:5(2)	798906	878230	808165	937733	834151	798231	555660	928865
PC 38:2(1)	60698	52439	48380	51028	50711	32197	25804	63321
PC 38:2(2)	40952	52366	42141	61050	18861	25391	14830	47990
PC 38:3	43698	56394	36063	68072	35344	31214	22881	59457
PC 38:4(1)	14245	19227	20594	26009	19132	24812	15697	21509
PC 38:4(2)	61097	58493	87942	49554	93926	64954	26896	56235
PC38:5	781176	762086	769437	777641	831320	661209	500188	806496
PC38:6	1035805	923652	930289	1021425	1005057	969573	720781	1011031
PE 34:1	758869	655806	812366	545217	955985	665747	257550	671560
PE 34:2	902796	1094786	995964	1083663	1061084	946225	523515	1021540
PE 34:3	11385	17436	22140	16505	11761	22557	5783	10634
PE 36:2	476820	286743	439776	233595	462124	337846	85774	301355
PE 36:3	840364	836878	1028907	779052	990060	794082	348109	885968
PE 36:4	588399	1019269	887099	995134	845809	776133	417835	943920
PE 36:5(1)	15509	28660	28612	34961	20987	29438	11073	28316
PE 36:5(2)	147852	174646	164187	162134	163983	156848	105082	163962
TAG 48:0	3660343	1170282	4492920	1559225	1161175	3556817	810826	1424841

Rice Lipid Raw Data	GW405	GW406	GW407	GW408	GW409	GW410	GW411	GW412
TAG 48:1	2274572	1964525	3178103	2042811	2612537	1759769	1397029	2817314
TAG 48:2	4086714	3652674	7491478	4774676	4188893	3614237	2650195	5729651
TAG 48:3 (1)	295018	314767	415907	366644	364752	219706	197260	448180
TAG 48:3 (2)	83995	83269	99908	78075	100184	35464	40844	101768
TAG 48:4(1)	94808	126276	146194	162745	124395	80810	92558	191835
TAG 48:4(2)	24337	38775	59188	54087	39735	23937	18920	45554
TAG 50:0	1500670	525792	2010026	563151	609274	1836783	413685	585669
TAG 50:1	38500000	26100000	39800000	30600000	27900000	35900000	18500000	29900000
TAG 50:2	60300000	48400000	64000000	58400000	48600000	59400000	35100000	55000000
TAG 50:3	12500000	11300000	15600000	13700000	12900000	10900000	7808440	15100000
TAG 50:4	4701367	5851485	9086325	6938679	6169398	4374076	4435292	8637779
TAG 50:5 (1)	283130	356039	545423	402395	404753	210789	194129	446886
TAG 50:5 (2)	47538	70854	56554	84056	91664	26839	33664	97902
TAG 52:0	984600	399907	1131454	382869	442739	1077540	335035	449809
TAG 52:1	15400000	10400000	19100000	10300000	12600000	16200000	6498379	10900000
TAG 52:2	59100000	53900000	58800000	55100000	57700000	60700000	44700000	55000000
TAG 52:3	83600000	82600000	88300000	87600000	82400000	83800000	65900000	86800000
TAG 52:4	89100000	82700000	98700000	96400000	80800000	88100000	68900000	93100000
TAG 52:5	17400000	14300000	20500000	20000000	15800000	17700000	9644206	17300000
TAG 52:6	539525	437884	877978	679479	629732	690051	223808	510694
TAG 54:0	377522	155010	453413	162350	182971	415870	138405	193878
TAG 54:1	8363579	5281778	9611619	5194086	5790550	8689895	3268787	5369219
TAG 54:2	29200000	21500000	30700000	22600000	27200000	29600000	14400000	23300000
TAG 54:3	57600000	49700000	54800000	53200000	56600000	54900000	44200000	53100000
TAG 54:4	79200000	73800000	79200000	77800000	80800000	75800000	61800000	80800000
TAG 54:5	90500000	87400000	87200000	95000000	93100000	83200000	69900000	94800000
TAG 54:6	51400000	56800000	55800000	67700000	53200000	51400000	45400000	62500000
TAG 54:7	8686234	9400835	9652343	13000000	10300000	9154783	6337130	11300000
TAG 54:8	409840	366032	532560	672516	573167	576094	252639	490996
TAG 56:0	254952	91686	308995	107583	98739	249650	61718	103514
TAG 56:1	2786630	1727795	3424440	1696869	1887028	2920629	1028088	1827047
TAG 56:2	14100000	9506337	15200000	9636732	10200000	14600000	5769213	10500000
TAG 56:3	17200000	14400000	15300000	15100000	14500000	15200000	9364103	15600000
TAG 56:4	7566034	10800000	8889133	12300000	7526703	8752140	7882969	10900000
TAG 58:0	64735	19292	79350	21057	27779	71115	13315	21789
TAG 58:1	3014482	1706336	3189385	1865811	1970492	2339011	1085515	2017132
TAG 58:2	7665170	5030731	8362389	5893358	5282709	7020124	3307451	6109024
TAG 58:3	4646769	3935795	4533029	4405337	4046364	4400613	2411618	4452266
TAG 58:4	3837872	3947356	4651864	5067901	3635344	4224323	2498809	4722083
TAG 58:5	404731	428036	612197	577301	354580	552114	332152	455110
TAG 60:1	911261	378311	970359	411537	623554	710805	252620	458777
TAG 60:2	6314070	3564999	6273309	3744221	4623536	5025976	2247148	4312974
TAG 60:3	6181775	4785084	5429957	5286369	5648002	4619254	3108927	5750691
TAG 60:4	4972287	4852855	5473454	5908760	4903445	4589983	3223120	6000246
TAG 60:5	528752	369593	627505	501701	464892	504539	203454	480293
TAG 60:6	18169	25983	30898	38394	19649	53103	14604	36279
DAG 34:1	115921	105683	143156	62105	98548	143543	33426	138228
DAG 34:2	231336	217625	262414	177588	193054	249711	75968	279126
DAG 36:2	206605	161396	226489	114532	216588	226113	49459	205755

Rice Lipid Raw Data	GW405	GW406	GW407	GW408	GW409	GW410	GW411	GW412
DAG 36:3	291337	442735	299987	296470	383064	458657	115532	672431
DAG 36:4	257081	559053	314310	386045	314122	382992	232904	758174
DAG 36:5	32336	49052	45148	40812	38937	51101	21198	60027
Lyso-MGDG 16:0	284010	333601	445002	362550	217047	398316	309759	435914
Lyso-MGDG 18:0	17547	9723	32898	14136	12169	32378	9405	15631
Lyso-MGDG 18:1	17260	11201	6558	14175	17200	21606	15273	25187
Lyso-MGDG 18:2	64823	61182	51986	59447	67097	110379	80914	113843
Lyso-DGDG 16:0	63747	41244	47977	48294	34603	98394	72245	67601
Lyso-DGDG 18:1	19449	24513	13406	16867	20575	28818	30899	27794
Lyso-DGDG 18:2	79288	134760	79194	90305	74065	123925	189965	168412
Lyso-PC 16:0	3936527	6601705	6044133	6395153	4442223	3173406	7929578	7776471
Lyso-PC 16:3	30073	145811	131813	93494	91466	24860	186865	167131
Lyso-PC 18:0	229206	331299	381633	286205	316915	277969	424416	403316
Lyso-PC 18:1	1114883	1970006	1048146	1503961	1198292	915723	2260855	2090612
Lyso-PC 18:2	2256944	4714145	4551311	3452542	2675647	1717941	4126751	4525512
Lyso-PC 18:3	795674	1097683	1029785	1041746	866033	662731	1184179	1174446
Lyso-PE 16:0	275259	683062	588465	474905	398444	327442	679984	627584
Lyso-PE 18:0	4636	17693	19593	15607	9114	6788	20438	29972
Lyso-PE 18:1	66413	131498	76160	74489	81230	66379	121577	116735
Lyso-PE 18:2	262111	717964	572119	384508	384474	260040	523571	591741
Lyso-PE 18:3	59029	117050	105646	88622	77429	67931	112332	109495
SQDG 32:0	75249	78399	48781	67375	63448	48841	68584	25126
SQDG 34:2	29306	19216	12802	24254	19777	30889	19857	5217
PG 32:0	82184	64262	40087	71255	52133	39974	80775	33790
PG 34:1	90818	71752	89158	79826	101477	110945	84403	41526
PG 34:2	109705	56822	105901	80342	144618	85385	98934	57400
PG 36:3	17406	22009	23667	15140	32828	23941	29153	9801
PS 36:0	56601	58653	62860	74802	52422	86366	37954	37769
PS 36:1	21398	24017	35666	29927	34928	31203	20425	21650
PS 38:0	818701	835426	716186	833782	764945	805033	727480	487363
PS 38:1	582754	591163	664567	677783	851994	593111	580214	422611
PS 38:2	17066	9552	13766	18144	23039	7466	21253	6849
PS 40:0	43834	48955	44272	69738	40315	71661	47256	24688
PS 40:1	594899	738891	516271	581826	529652	756158	545633	332641
PS 40:2	730314	851793	794554	822449	1002407	949313	813773	512486
PS 40:3	348032	387238	566149	405102	729772	460348	471347	306863
PS 40:4	22403	18287	35259	25670	58402	22855	34591	15338
PI 34:1	478104	189970	386795	376631	381955	750625	261593	138808
PI 34:2	1053251	316897	773839	771916	909623	856587	532487	388174
PI 34:3	38535	6881	18573	25820	24738	20888	17543	9973
PI 36:4	85871	35789	97913	58598	178759	83843	50484	39062

Rice Lipid Raw Data	GW413	GW414	GW415	GW416	GW417	GW418	GW419	GW420
DGDG 32:0	17881	33614	44012	42627	28296	26283	6392	31240
DGDG 34:1	29522	25756	59525	32761	21972	21628	9403	71452
DGDG 34:2	153547	164803	291598	216988	169771	167030	65474	288086
DGDG 36:2	32999	24147	50850	36638	61350	31374	13288	54662
DGDG 36:3	61225	56695	88921	43420	39103	31172	43773	118844
DGDG 36:4	123607	91858	138436	105842	113648	97960	138428	237741
DGDG 36:5	46367	32331	45296	35275	31389	27691	60249	94915
DGDG 36:6	20226	36972	39460	26428	31567	20859	28718	110070
MGDG 32:0	19756	16706	23063	35874	15467	20454	6081	11972
MGDG 34:0	90007	14749	37107	54215	67151	54800	13178	26728
MGDG 34:1	47204	19411	58803	29611	16076	12429	6834	51943
MGDG 34:2(1)	86657	54705	101509	86585	55261	56957	20085	55158
MGDG 34:2(2)	168595	53285	60862	125423	70995	85641	19082	57962
MGDG 36:3	70081	45695	55749	33153	36160	17349	24507	41334
MGDG 36:4	96343	55908	68935	84675	64996	48784	67042	78771
MGDG 36:5	34927	40095	40746	39164	22180	16544	32158	40188
MGDG 36:6	19548	41631	39790	39578	30940	20624	22984	40573
PC 32:0	482373	120233	201454	147270	163057	445575	289752	137749
PC 32:1	684759	562136	552093	230451	211141	510761	434463	286143
PC 32:2	353776	260544	302745	116870	135698	317765	282408	259267
PC 34:1	7816404	5614207	6284852	5709651	5793570	6735676	6188360	6759995
PC 34:2	5601878	3055433	3943838	3667012	4277922	5178583	5254014	5588430
PC 34:3(1)	50704	31002	51742	42551	86034	117909	106594	77085
PC 34:3(2)	83976	18309	33236	24528	26156	80415	49781	22707
PC 34:4	111460	94673	93707	36921	32827	85382	70282	46114
PC 36:1(1)	61544	46412	42202	29598	33528	24861	24898	42288
PC 36:1(2)	525913	272461	271221	244054	329488	270162	331789	328734
PC 36:2	6650420	5492415	5330675	5837607	5315879	5391347	5369561	5337246
PC 36:3	9052044	6469852	6799339	7026792	7535176	7589166	8135688	8525481
PC 36:4(1)	4480165	2146889	2507407	2715847	3708194	3741573	4823428	5016884
PC 36:4(2)	918554	876944	853828	772535	821290	873782	854183	909057
PC 36:5(1)	222905	120211	153891	116064	228973	265892	359320	303960
PC 36:5(2)	873268	562661	669196	646563	706326	816907	851024	858218
PC 38:2(1)	38389	32839	38356	50676	27992	41359	42218	44582
PC 38:2(2)	22637	17654	25983	31055	26992	28582	44658	19904
PC 38:3	34443	22834	28884	38137	28006	34598	41453	49842
PC 38:4(1)	26577	20955	18660	13791	16235	11942	10668	19151
PC 38:4(2)	88238	47389	45120	41464	59113	46108	60017	56307
PC38:5	698655	791833	721484	752394	715137	719406	722407	700912
PC38:6	979478	902118	884845	879559	931678	899316	958894	922431
PE 34:1	979574	441058	558200	492817	565122	459793	581017	501939
PE 34:2	1301214	555479	697591	605633	802147	644895	813582	935177
PE 34:3	7402	4374	6954	7293	18891	17478	19728	13457
PE 36:2	430348	218515	244361	287159	366674	246760	292175	169797
PE 36:3	945170	517758	551331	594053	786586	587445	761402	537384
PE 36:4	824629	433623	459097	450668	707314	503784	782884	621278
PE 36:5(1)	20267	7179	8910	10609	27875	21587	28377	18189
PE 36:5(2)	184744	107975	123786	114636	137347	123374	140282	147837
TAG 48:0	2383288	3613564	4503933	3530051	2609204	3668143	1087268	2108746

Rice Lipid Raw Data	GW413	GW414	GW415	GW416	GW417	GW418	GW419	GW420
TAG 48:1	4934033	3856652	4076897	2027498	1564427	4286936	2787144	2884428
TAG 48:2	10200000	9598390	9783510	3796228	2933712	12100000	4966857	6600945
TAG 48:3 (1)	634998	600079	603484	240316	207621	676424	426045	417231
TAG 48:3 (2)	97929	53778	61242	15729	41210	46764	96905	61027
TAG 48:4(1)	174390	237981	165237	71968	72818	166664	175827	188354
TAG 48:4(2)	49262	30718	35233	13922	19282	54819	34140	40069
TAG 50:0	943490	1726901	1818882	1458228	1347141	1230295	546688	858376
TAG 50:1	33800000	30800000	33900000	34100000	30200000	36500000	26300000	32900000
TAG 50:2	63000000	54600000	61300000	56800000	54200000	67700000	49000000	60400000
TAG 50:3	19000000	18600000	18400000	12000000	10400000	19700000	14400000	14600000
TAG 50:4	10600000	13800000	11300000	4096303	3538434	10700000	7115695	8118531
TAG 50:5 (1)	630010	637095	680790	192117	195602	795937	399152	348598
TAG 50:5 (2)	67131	47963	37740	14215	22334	28091	86131	48822
TAG 52:0	503670	941605	1044203	912445	787547	667948	420310	551107
TAG 52:1	14800000	13400000	14200000	13800000	13900000	12900000	10900000	14600000
TAG 52:2	55600000	57200000	57000000	56600000	54600000	57800000	52400000	56000000
TAG 52:3	88100000	78700000	81000000	79500000	80600000	82000000	80900000	84700000
TAG 52:4	94800000	87700000	90800000	78200000	81800000	91000000	85000000	94200000
TAG 52:5	20900000	14000000	17600000	14800000	15800000	21900000	14600000	18800000
TAG 52:6	668891	451446	670802	527021	583950	1050796	496378	620903
TAG 54:0	193935	359027	379723	376107	295464	262420	178329	223251
TAG 54:1	6342672	6822939	7562659	7703880	6589866	5382184	5256271	7215449
TAG 54:2	27300000	26100000	25900000	26900000	25600000	21800000	24500000	27000000
TAG 54:3	55100000	56500000	55600000	54500000	55100000	54500000	54400000	53700000
TAG 54:4	80200000	79700000	76700000	74600000	75000000	73000000	77700000	78600000
TAG 54:5	94100000	82100000	86000000	74300000	82100000	83700000	90400000	95700000
TAG 54:6	60500000	54500000	52800000	39900000	44900000	49900000	53200000	66900000
TAG 54:7	11700000	7652056	8701011	5701670	7963550	10100000	9830307	11900000
TAG 54:8	642663	368040	440620	322762	444922	725433	522674	599286
TAG 56:0	143764	236747	313952	264419	180464	264512	72783	125611
TAG 56:1	2007330	2213413	2650344	2698838	2057148	1842797	1479879	2413823
TAG 56:2	10300000	12200000	12500000	13100000	11100000	9876301	9628645	12000000
TAG 56:3	13500000	14500000	15200000	15100000	12200000	11500000	14500000	16700000
TAG 56:4	8509595	7458616	9656856	8104355	7730086	7447099	9642983	10200000
TAG 58:0	29889	57745	89028	65424	48776	57684	18210	30653
TAG 58:1	2169023	1829405	2739242	2550833	1920954	2220299	1193271	2370081
TAG 58:2	5906535	5625417	7496716	7144435	5563067	6422930	4269441	6449615
TAG 58:3	4047775	3218880	4315440	4017354	3317205	3267975	3344596	4630042
TAG 58:4	4024691	3298565	4300091	3517786	2995662	3352467	3479698	4910725
TAG 58:5	386029	348535	555813	435803	411929	433533	348399	492210
TAG 60:1	606124	501986	845956	778233	543153	661816	323637	717405
TAG 60:2	4475978	4509705	5668691	5531586	4499606	4941909	2926723	4987299
TAG 60:3	5525000	3876764	5269104	4840093	3960264	4481798	3632501	5846990
TAG 60:4	5266041	3738556	5322563	3971428	3718490	4552327	4050676	5823694
TAG 60:5	483037	294911	575230	429165	404168	568344	315425	406500
TAG 60:6	26256	14142	29752	24792	34693	38062	28103	43469
DAG 34:1	90580	46513	77040	73854	90162	40402	138647	38017
DAG 34:2	203807	115204	190735	134790	151676	91355	268615	87978
DAG 36:2	129776	133995	148033	120799	118648	45125	213405	89700

Rice Lipid Raw Data	GW413	GW414	GW415	GW416	GW417	GW418	GW419	GW420
DAG 36:3	220419	130091	206283	157026	242450	106193	758494	133092
DAG 36:4	287629	154037	251239	176294	288728	181571	760545	183481
DAG 36:5	36383	15476	27772	24247	43319	31674	68358	15603
Lyso-MGDG 16:0	617022	282895	421295	271138	262684	408596	183335	345974
Lyso-MGDG 18:0	41980	9301	16551	20843	23153	19090	7065	16187
Lyso-MGDG 18:1	24344	15083	17063	15448	14869	1176	5870	28486
Lyso-MGDG 18:2	46169	61716	42636	72184	59764	5375	42798	62676
Lyso-DGDG 16:0	22004	65937	78665	72800	76119	17934	20696	85485
Lyso-DGDG 18:1	10035	24655	24097	18948	22192	1115	7769	51118
Lyso-DGDG 18:2	22640	102394	74636	69329	86334	7335	54490	147874
Lyso-PC 16:0	5805047	3469372	6222197	4088658	3369716	3235036	3040183	3583221
Lyso-PC 16:3	58462	131107	196571	50364	28036	35317	100089	60350
Lyso-PC 18:0	898643	153590	290356	318957	329000	292110	164686	195441
Lyso-PC 18:1	2551704	581453	1127979	582931	493332	333639	808789	904682
Lyso-PC 18:2	824633	1803216	2955742	1710550	1779539	378761	2137822	1715021
Lyso-PC 18:3	1026380	717961	1049905	809356	712181	687394	649169	745468
Lyso-PE 16:0	431374	328280	497161	322706	275330	157778	237631	232622
Lyso-PE 18:0	17923	30343	24281	4576	3847	14318	19005	16537
Lyso-PE 18:1	185533	48954	76706	40880	34968	11276	49712	49702
Lyso-PE 18:2	123332	289636	379638	205539	189690	15178	239235	164130
Lyso-PE 18:3	84761	66060	93240	66650	58215	36194	52901	49400
SQDG 32:0	55481	9448	58803	68939	44896	62905	35997	31488
SQDG 34:2	8788	0	22552	21209	23999	22629	18987	15395
PG 32:0	43559	42949	41907	57241	43437	46819	42545	38408
PG 34:1	95891	99803	61883	72584	71666	75431	60696	85888
PG 34:2	105368	83413	68918	81236	76394	84073	63182	76950
PG 36:3	29977	22981	12057	14034	17861	22771	12453	24556
PS 36:0	74092	96463	88302	85001	43978	39973	82322	68645
PS 36:1	40812	42659	34954	32705	17028	19707	43479	35725
PS 38:0	787952	806497	647379	692877	673265	675229	708872	704624
PS 38:1	732639	681549	403628	502667	478618	521179	591020	600721
PS 38:2	15021	8368	4593	8969	6407	13915	19571	18851
PS 40:0	43724	66626	41098	38304	33939	44734	36069	45359
PS 40:1	640061	674126	546153	537510	595481	563694	556314	565084
PS 40:2	954220	961501	634140	676711	678995	725761	798193	777970
PS 40:3	600494	493887	271717	298374	318705	404798	418600	521849
PS 40:4	38741	23648	10492	13372	12988	28979	30452	34502
PI 34:1	299551	157962	332645	390596	467478	482364	431345	415435
PI 34:2	488497	270121	883634	974590	954009	892458	966579	697951
PI 34:3	11681	5314	18750	23848	21741	33404	44020	20972
PI 36:4	57001	23119	75589	64741	101964	101195	95019	93617

Rice Lipid Raw Data	GW421	GW422	GW423	GW424	GW425	GW426	GW427	GW428
DGDG 32:0	13823	36876	11566	10574	11304	33201	35172	67505
DGDG 34:1	20407	39689	28017	23303	15023	66888	22923	25169
DGDG 34:2	122227	308092	102850	107872	91692	661360	123452	182559
DGDG 36:2	18493	88536	15473	19598	19938	108130	27512	48646
DGDG 36:3	45582	49751	59608	71917	35459	107257	33356	27677
DGDG 36:4	141107	182278	122563	161513	137271	513930	78643	115628
DGDG 36:5	61055	48839	51155	75262	50774	81252	27612	45026
DGDG 36:6	47868	53486	25767	40870	23016	113992	18798	51332
MGDG 32:0	6143	18029	9680	7096	6382	12374	18577	34831
MGDG 34:0	13333	78447	68232	11974	18117	12442	67866	118546
MGDG 34:1	14015	32061	33067	20637	9213	48027	23251	14776
MGDG 34:2(1)	29148	115599	17774	36332	24673	166129	85252	66322
MGDG 34:2(2)	31503	99111	31131	33044	24893	138573	59673	71992
MGDG 36:3	23598	19928	30153	37736	23753	46509	26087	13372
MGDG 36:4	72494	66821	37497	99806	64954	158092	73308	57723
MGDG 36:5	40678	21548	25364	63266	23132	31375	32894	28531
MGDG 36:6	31188	27116	16213	52809	24439	100962	30471	55920
PC 32:0	124281	184915	410388	164455	220358	99396	154830	247936
PC 32:1	220825	187521	409223	504672	408610	232145	284080	203954
PC 32:2	131601	129572	228810	235326	232717	195964	128057	131132
PC 34:1	4857838	5239162	7905368	7284068	6744710	5826597	4839399	5854727
PC 34:2	3748257	3624724	5766110	4796724	5223660	4392997	2920863	4319109
PC 34:3(1)	81465	83277	139285	70342	68752	58044	51809	112986
PC 34:3(2)	20192	31060	71536	28616	36654	16880	23715	44945
PC 34:4	34180	30480	66928	86709	70601	38524	47481	32315
PC 36:1(1)	32718	36769	39250	46481	32742	105573	34297	37560
PC 36:1(2)	218947	316563	347810	535662	332999	430440	350249	334657
PC 36:2	3885688	4937414	6456920	6880245	5770951	5130103	3907709	4317709
PC 36:3	6088136	6530993	9124805	9212908	9177901	8603930	5319356	6487845
PC 36:4(1)	3315603	3056001	5018227	3902343	4748022	4599130	2094237	3197248
PC 36:4(2)	805349	772412	960137	1022183	1010166	945733	849527	894593
PC 36:5(1)	213907	224766	396831	268566	284926	248632	122886	220052
PC 36:5(2)	658143	622723	860941	857459	894258	779391	569951	763917
PC 38:2(1)	36602	29458	54132	28520	27554	30104	39229	21517
PC 38:2(2)	18696	21765	21642	28520	27554	30104	39229	21517
PC 38:3	31783	31704	53530	53538	36961	41412	23855	29448
PC 38:4(1)	15726	17635	18658	24480	16346	52046	15924	19755
PC 38:4(2)	37202	55148	60469	98528	59371	79009	65143	63143
PC38:5	632334	629435	758235	847312	873861	804368	702525	640205
PC38:6	879216	906997	997068	1055066	1014471	1042990	866525	923517
PE 34:1	362778	466647	705898	583188	611800	285099	355973	469268
PE 34:2	609914	686743	959859	855965	836666	600116	558517	756201
PE 34:3	14565	16617	23340	15995	12663	7513	10282	22510
PE 36:2	153231	285174	344636	302594	260708	122845	201484	203114
PE 36:3	466285	540567	772616	687611	709075	404739	495802	580652
PE 36:4	504586	595632	817648	684458	801152	614334	546952	641474
PE 36:5(1)	17842	23731	39455	28704	24987	10371	14044	24624
PE 36:5(2)	111515	121697	157610	145566	151361	113256	123189	145620
TAG 48:0	1169772	2532102	2074292	1271988	1114455	1635019	2659834	4159179

Rice Lipid Raw Data	GW421	GW422	GW423	GW424	GW425	GW426	GW427	GW428
TAG 48:1	1954851	1289826	4674172	2291948	1930527	1323812	1429389	1755110
TAG 48:2	3899422	2814978	7643134	3752859	4048475	3714503	3255652	5209837
TAG 48:3 (1)	299191	190171	507435	346010	313253	288502	231903	272029
TAG 48:3 (2)	59275	19077	75832	68995	83876	124057	52229	41687
TAG 48:4(1)	121169	73226	140475	138880	158173	159654	78668	84711
TAG 48:4(2)	29937	16774	28780	27911	45813	82409	26904	23154
TAG 50:0	574807	1431914	967970	840940	694885	920678	1443422	2032063
TAG 50:1	25800000	28400000	33900000	27000000	24600000	26700000	26200000	32200000
TAG 50:2	48000000	51600000	58000000	43400000	48400000	51000000	45800000	62000000
TAG 50:3	10700000	9183601	14400000	11200000	11800000	11100000	8181809	11800000
TAG 50:4	5412312	3458264	5271384	5098026	6381158	6452583	3525426	4619698
TAG 50:5 (1)	246311	213359	325221	326399	285304	325847	256328	270244
TAG 50:5 (2)	56057	13691	52451	58227	88736	121007	34268	28562
TAG 52:0	444434	939434	694175	707870	570613	718607	954312	1137065
TAG 52:1	10600000	12900000	13400000	12900000	9248557	13400000	11200000	14500000
TAG 52:2	50900000	53400000	57000000	53600000	54000000	55800000	53600000	56100000
TAG 52:3	80600000	78000000	82500000	77500000	81300000	82500000	72000000	78500000
TAG 52:4	82100000	78700000	86900000	75100000	86300000	94300000	72200000	86400000
TAG 52:5	13500000	14300000	15400000	13800000	14700000	16100000	12900000	16600000
TAG 52:6	408625	650957	544074	628085	488726	801026	518846	726904
TAG 54:0	190991	351516	248204	284135	234042	303994	385806	443433
TAG 54:1	5260083	6024024	5978025	5866071	3859857	6105328	5355298	6432851
TAG 54:2	22200000	23500000	23500000	24600000	20200000	25500000	20700000	25200000
TAG 54:3	53700000	54200000	56400000	56500000	53200000	56300000	45400000	54800000
TAG 54:4	73300000	70600000	74700000	74000000	76800000	75800000	64100000	69500000
TAG 54:5	86000000	70800000	85300000	81100000	94400000	90100000	63600000	73200000
TAG 54:6	54300000	42300000	49100000	48600000	60600000	63400000	35300000	41300000
TAG 54:7	8717768	7011492	8631042	8770413	10400000	10100000	6291798	7429090
TAG 54:8	408902	496778	511548	605829	526122	511563	406424	505336
TAG 56:0	80562	185009	104226	88288	75164	127489	222724	263415
TAG 56:1	1678527	1970710	1860842	1966503	1151152	2093132	2177691	2429891
TAG 56:2	9262411	10300000	9217184	9532316	6934932	10700000	10100000	11500000
TAG 56:3	13400000	11000000	13300000	13400000	11700000	14200000	11100000	12300000
TAG 56:4	9868263	7042322	8392384	8972756	9490950	11600000	7890644	8789764
TAG 58:0	18799	41752	23007	23295	19727	36100	63617	66980
TAG 58:1	1679085	1755741	1992221	1803634	1229284	1838303	1910088	2004533
TAG 58:2	5067638	5255349	5061373	4847029	4171416	5593798	5368739	6261466
TAG 58:3	3582410	2901381	3677052	3748793	2912436	3989720	3191007	3297570
TAG 58:4	3784306	3008354	3410766	3496572	3336018	5015403	2911209	3548076
TAG 58:5	438566	422997	434645	380658	380534	481521	379537	501044
TAG 60:1	398055	459642	441979	455583	369117	544887	596271	533859
TAG 60:2	3465555	3942983	3578496	3636023	2906665	4081481	3825476	4490515
TAG 60:3	4515982	3430075	4435648	4461887	4053076	4631703	3810338	3767990
TAG 60:4	4327024	3326692	3977973	4210494	4427605	6443337	3530095	3950014
TAG 60:5	306765	375108	349941	385111	308493	529712	422654	474214
TAG 60:6	31797	31684	52530	33160	28592	21742	21593	40299
DAG 34:1	44458	41224	33040	45632	52472	24225	93035	30061
DAG 34:2	93776	75080	43105	84004	121676	74430	147845	77139
DAG 36:2	75552	71846	38989	100545	84461	74163	105260	73799

Rice Lipid Raw Data	GW421	GW422	GW423	GW424	GW425	GW426	GW427	GW428
DAG 36:3	162080	114261	97309	107417	257418	110085	208999	72021
DAG 36:4	257715	178694	159747	160147	347729	225571	261958	124030
DAG 36:5	24614	27454	21114	22558	37227	26016	47140	20382
Lyso-MGDG 16:0	208141	456937	588730	259181	212567	373973	316813	366938
Lyso-MGDG 18:0	9023	31187	32451	11724	12535	15695	24552	32853
Lyso-MGDG 18:1	16619	17988	7281	20216	10572	50011	16917	10821
Lyso-MGDG 18:2	56504	79312	5682	32169	34101	255145	54257	38612
Lyso-DGDG 16:0	37295	126516	10406	34827	22958	159714	43601	63241
Lyso-DGDG 18:1	21016	30190	2669	16690	10481	41236	20761	15191
Lyso-DGDG 18:2	74569	156410	4897	45556	48032	394133	69818	58114
Lyso-PC 16:0	3373921	3924889	1955786	5228715	4216677	5443122	3888398	3155662
Lyso-PC 16:3	67521	36696	15255	106341	99249	64596	51652	34120
Lyso-PC 18:0	183616	395110	200530	366068	285726	381384	324456	365655
Lyso-PC 18:1	835726	496652	492053	1459218	966385	1038454	636039	374763
Lyso-PC 18:2	1830426	1961863	222699	2370593	2548185	3662440	2146745	1173718
Lyso-PC 18:3	690312	799196	424096	1110053	947138	1114103	900548	755652
Lyso-PE 16:0	219683	382850	113020	360572	288753	403977	294158	262072
Lyso-PE 18:0	11473	11253	18321	14244	12589	12583	8073	6285
Lyso-PE 18:1	43429	32926	18689	66463	45686	43017	38549	25319
Lyso-PE 18:2	180560	231336	15736	205946	219099	319550	240521	124794
Lyso-PE 18:3	46483	75421	26450	78436	66050	85294	67209	61371
SQDG 32:0	87122	68481	68387	70240	52218	41085	98599	39788
SQDG 34:2	40326	17214	21398	19870	25182	12981	46514	17472
PG 32:0	61920	38029	59084	58830	41354	35492	41962	57463
PG 34:1	87550	71218	61366	76765	94758	89220	65785	42376
PG 34:2	143575	78933	92112	92604	82018	90398	131105	57246
PG 36:3	26015	17339	17649	20402	18514	21763	23089	8166
PS 36:0	50627	42076	33943	64051	71449	59012	36438	42507
PS 36:1	28048	19707	14952	30119	30707	30533	20147	18352
PS 38:0	724058	589032	644744	742942	734300	713184	614744	589288
PS 38:1	628324	492096	471241	558285	582000	634494	556879	423394
PS 38:2	12748	11991	13319	15765	12030	12503	9307	8492
PS 40:0	44441	32574	44815	45100	70646	46648	61876	46103
PS 40:1	517346	448284	495034	622838	669447	536716	510793	428961
PS 40:2	877463	635440	645608	797217	943149	837544	779082	616339
PS 40:3	548424	401554	359331	473036	459154	547828	508418	259332
PS 40:4	28246	22702	25150	28070	28763	27862	19205	12478
PI 34:1	410905	279795	318916	299070	457658	474392	278923	264838
PI 34:2	1113010	629481	855748	668667	721035	759467	903301	680907
PI 34:3	35468	21760	42961	20210	26862	16835	32575	19401
PI 36:4	119464	71002	83472	61431	70155	84734	123673	54736

Rice Lipid Raw Data	GW429	GW430	GW431	GW432	GW433	GW434	GW435	GW436
DGDG 32:0	33804	9782	15418	18182	16371	9090	43240	24000
DGDG 34:1	45426	16477	21951	16174	16978	14387	22926	25430
DGDG 34:2	314955	98937	126618	107863	112801	95977	146464	163638
DGDG 36:2	62139	27439	31726	35024	35263	13822	27212	34467
DGDG 36:3	56449	50191	36117	38531	36426	36920	38273	54949
DGDG 36:4	193761	132611	120219	96243	97038	130503	118072	154111
DGDG 36:5	48510	37181	49635	38981	38795	54961	45357	66257
DGDG 36:6	68271	22547	33745	34519	32094	32111	28584	61575
MGDG 32:0	16519	10975	18991	15280	13059	5203	36356	14628
MGDG 34:0	61084	20045	30912	40613	34327	9168	103540	13576
MGDG 34:1	48837	9912	10898	16323	14336	9389	23937	16256
MGDG 34:2(1)	174530	22149	68043	64084	59383	33783	100303	50466
MGDG 34:2(2)	102670	41695	51173	35947	34652	27833	62865	64284
MGDG 36:3	23669	33033	25469	17420	18262	25750	30239	26909
MGDG 36:4	72860	51432	75787	49337	51665	67517	73472	110672
MGDG 36:5	17698	8526	26082	21022	20773	30207	26108	48583
MGDG 36:6	43848	10782	24113	25022	24694	36721	22023	56698
PC 32:0	144399	181308	243993	174210	133886	243891	327215	109328
PC 32:1	200296	165842	186151	246636	229616	421589	316384	424354
PC 32:2	146892	161676	111654	120442	108853	291221	154323	150978
PC 34:1	5397876	4075829	5433587	5469466	5347223	6253325	6765651	6427015
PC 34:2	3890429	3886865	4079920	3472360	3050567	5165477	4186388	3065300
PC 34:3(1)	119171	67210	93232	62690	60946	92266	52974	40885
PC 34:3(2)	24425	32221	44783	30783	23743	44288	58131	17097
PC 34:4	31195	26791	31350	41693	37570	71842	52085	72677
PC 36:1(1)	55743	43775	39529	36892	33073	37396	35798	55248
PC 36:1(2)	249273	335840	295470	368831	331123	290004	344313	419465
PC 36:2	4546581	3859501	3665980	5622705	5028271	4827418	6071812	6386442
PC 36:3	6292628	6745663	6167241	7592829	6685497	7393297	7583208	6937108
PC 36:4(1)	2913700	4741568	3129830	2976198	2579411	4694151	3205832	2277983
PC 36:4(2)	855697	734643	893571	909718	876591	968466	930087	960877
PC 36:5(1)	226457	325637	220407	174893	151570	303701	151749	128745
PC 36:5(2)	717875	710824	748182	649290	584981	842777	756933	584631
PC 38:2(1)	11875	34372	23774	28770	22279	20818	24286	14056
PC 38:2(2)	11875	34372	23774	28770	22279	20818	24286	14056
PC 38:3	27967	37361	21321	28608	25766	43491	34245	22737
PC 38:4(1)	27069	21472	19743	17889	15412	18402	17392	26349
PC 38:4(2)	45139	61930	56145	67797	62028	54907	64808	80063
PC38:5	739383	650307	695308	812390	754535	776679	786542	847808
PC38:6	938065	940342	907712	1017769	954708	919066	962163	932455
PE 34:1	332038	304337	415888	380973	311251	538683	463449	528882
PE 34:2	596337	540553	656569	490615	442753	864506	636082	677409
PE 34:3	21913	11388	18491	12423	9395	17564	9679	7679
PE 36:2	142007	187974	183550	209615	157597	231313	285123	268151
PE 36:3	382128	516257	519709	533887	462520	696000	591262	525754
PE 36:4	450124	657605	550127	472210	429012	850238	577271	498151
PE 36:5(1)	22187	23729	19691	16314	14261	31233	14567	10582
PE 36:5(2)	120810	105092	132562	101258	93477	160019	122424	126845
TAG 48:0	2344231	994069	2448978	2425626	2004660	1001205	3970512	1988717

Rice Lipid Raw Data	GW429	GW430	GW431	GW432	GW433	GW434	GW435	GW436
TAG 48:1	1600313	1394983	1602290	1528936	1277185	1637825	2231468	1839747
TAG 48:2	4185696	3090228	3194545	3202406	2475126	3260364	4805042	3669897
TAG 48:3 (1)	276401	299392	175971	209187	175228	278354	284618	285317
TAG 48:3 (2)	25736	53788	26601	43936	32822	73224	53030	50127
TAG 48:4(1)	84973	155583	69159	92114	74046	125570	102998	103280
TAG 48:4(2)	20303	35529	12111	33712	24733	35276	37675	23553
TAG 50:0	1124391	690343	1291842	1459669	1226643	651565	1798036	1275372
TAG 50:1	30600000	23400000	29200000	30100000	27900000	22300000	34800000	28700000
TAG 50:2	49900000	43500000	50300000	49800000	44200000	40900000	60100000	45300000
TAG 50:3	11000000	10100000	8715752	10200000	8547298	9331331	12000000	10800000
TAG 50:4	4786280	5161221	3517884	4859232	3788601	4783085	4608627	5736554
TAG 50:5 (1)	314719	376190	171582	298300	216343	269139	263750	320310
TAG 50:5 (2)	20487	55422	12032	37167	28795	70847	24550	41743
TAG 52:0	714660	577655	919046	1002344	896787	594782	1092193	1010821
TAG 52:1	11800000	12000000	12000000	14000000	12200000	7493228	15100000	15400000
TAG 52:2	56200000	52500000	54600000	56600000	53900000	46500000	55600000	56600000
TAG 52:3	78600000	76800000	74300000	78000000	71900000	73200000	79300000	76500000
TAG 52:4	75200000	82100000	75300000	83000000	77400000	72700000	84100000	78800000
TAG 52:5	14700000	16000000	12400000	16300000	14000000	12400000	14000000	12000000
TAG 52:6	792274	703401	423717	810145	624758	404077	500470	439954
TAG 54:0	281697	245276	352781	372553	354510	240966	414171	449804
TAG 54:1	5135978	5688551	5966426	6228719	5236804	3416790	6732394	7883248
TAG 54:2	22600000	23300000	22200000	25300000	21800000	16600000	24700000	27800000
TAG 54:3	52600000	55700000	49400000	53500000	52600000	48000000	55200000	56800000
TAG 54:4	70400000	73000000	65400000	70700000	70400000	68300000	68300000	75200000
TAG 54:5	67000000	85000000	68400000	78000000	72100000	79100000	77700000	80300000
TAG 54:6	37200000	57000000	39700000	49000000	44600000	46300000	41500000	47700000
TAG 54:7	6257377	11300000	5872813	10000000	8125486	7597470	5999506	6755085
TAG 54:8	455582	685014	296349	771084	610571	407484	282280	378734
TAG 56:0	155231	78126	184307	195610	164191	69147	275479	181929
TAG 56:1	1846687	1724969	2049831	2245231	1929938	1176573	2310718	2436904
TAG 56:2	9506874	8920454	9478792	11300000	9608865	6234730	10700000	12000000
TAG 56:3	11100000	12800000	11000000	12600000	11100000	10300000	12100000	14000000
TAG 56:4	6412645	9408059	8199564	7627269	6755229	8608796	7238292	6699090
TAG 58:0	36338	19151	46018	55900	45101	14181	74488	50330
TAG 58:1	1653757	1419997	1781155	1951952	1664336	1063225	2291303	2039694
TAG 58:2	5227575	4532552	5181799	6105175	5218076	3603313	6416627	5912534
TAG 58:3	2765476	3533100	3148839	3317421	2987069	2795765	3396081	3439145
TAG 58:4	2793628	3961807	3288516	3157596	2565754	2991244	3208600	3117645
TAG 58:5	411677	472769	360523	473827	383969	327250	357417	295256
TAG 60:1	506631	353622	532873	645470	528366	239626	744002	636202
TAG 60:2	3885466	2984296	3497850	4545063	3931859	2245668	4713935	5069109
TAG 60:3	3190363	4031837	3348761	4131743	3603521	3191566	4184474	4603979
TAG 60:4	3137241	4514588	3473388	3829904	3196493	3615561	3909663	3898945
TAG 60:5	380743	452387	296155	527930	403732	299094	366769	318658
TAG 60:6	33033	31336	16553	31600	24301	24950	16455	12017
DAG 34:1	33343	39656	69017	55136	56589	41620	58307	37623
DAG 34:2	57748	104222	157705	121451	116387	92679	128612	70157
DAG 36:2	69894	97079	116589	116216	101589	63851	116899	108485

Rice Lipid Raw Data	GW429	GW430	GW431	GW432	GW433	GW434	GW435	GW436
DAG 36:3	81731	145535	138272	131400	165081	151875	124604	95991
DAG 36:4	129381	256511	233210	177690	233793	247106	175488	137655
DAG 36:5	23353	34721	28463	28550	42723	34045	20018	17760
Lyso-MGDG 16:0	575984	200549	255237	256768	240387	268001	502141	262630
Lyso-MGDG 18:0	24686	23242	23236	25332	21208	10855	63131	13983
Lyso-MGDG 18:1	20641	20886	6317	6366	7507	16215	9863	23588
Lyso-MGDG 18:2	75698	63774	29468	19530	23101	58198	27705	71345
Lyso-DGDG 16:0	120172	38493	19321	23256	27472	30341	40403	48869
Lyso-DGDG 18:1	27252	20121	5735	9415	12840	13030	10815	26643
Lyso-DGDG 18:2	140641	87952	28723	30544	42008	78502	38138	99960
Lyso-PC 16:0	3624105	3093913	3331575	2140261	2601345	6754160	4515702	3398781
Lyso-PC 16:3	56572	47579	40337	22918	27270	165189	43352	90752
Lyso-PC 18:0	240757	391832	283965	260970	264647	378809	573049	240561
Lyso-PC 18:1	530800	835014	528831	422394	486792	1696727	703009	915217
Lyso-PC 18:2	1738306	1920271	1880529	1082673	1334989	4090150	1951301	2009790
Lyso-PC 18:3	835130	738473	788313	501399	619031	1239921	972223	793055
Lyso-PE 16:0	295233	237455	316243	134173	155163	478398	352226	294500
Lyso-PE 18:0	21279	7446	5883	4358	4493	14675	8732	15479
Lyso-PE 18:1	29440	47029	37008	21569	23626	77770	37792	52218
Lyso-PE 18:2	146263	205478	205128	83425	103045	367373	193585	241809
Lyso-PE 18:3	63550	54223	70513	31841	37590	95439	74390	68251
SQDG 32:0	62971	97016	42217	52060	58690	51845	48721	106250
SQDG 34:2	30078	20576	12731	15236	14390	15179	7349	24532
PG 32:0	69557	53042	32739	44617	44591	42466	25770	85008
PG 34:1	59617	58759	66240	61565	50368	47993	90689	69848
PG 34:2	100378	128380	102140	80967	56398	54899	104257	80937
PG 36:3	12820	16805	28452	13214	15055	12448	21662	18938
PS 36:0	35807	35036	29015	31081	40588	38157	60351	48411
PS 36:1	17645	20181	20671	16463	19355	16138	35038	20195
PS 38:0	639005	591376	489453	591891	623834	580159	650786	679910
PS 38:1	575705	513166	537301	525799	486272	418658	629171	576639
PS 38:2	18520	18716	12672	16566	12632	9413	15974	8588
PS 40:0	45194	36036	46186	40466	52756	46532	38336	49648
PS 40:1	468141	474160	460360	430022	540117	539914	516605	549291
PS 40:2	674570	650108	691902	640425	702147	668639	747747	728972
PS 40:3	388527	338107	535316	374122	340637	301602	540625	377808
PS 40:4	23068	26003	29525	20691	18386	16021	30044	16492
PI 34:1	303566	167729	212333	404050	262460	230071	362596	256360
PI 34:2	906917	671903	537416	955989	546446	574776	639157	678157
PI 34:3	39440	39002	19806	34482	15401	18125	17555	14785
PI 36:4	78063	58021	128956	85905	59286	61527	76554	69787

Rice Lipid Raw Data	GW437	GW438	GW439	GW440	GW441	GW442	GW443	GW444
DGDG 32:0	64107	5446	2671	15537	35255	10928	18744	13447
DGDG 34:1	59106	6872	6194	15524	41443	18963	16370	25117
DGDG 34:2	436960	52692	49599	111388	276566	99149	132517	127720
DGDG 36:2	103256	10560	11041	15826	43151	15936	28127	29032
DGDG 36:3	69839	25795	29013	44834	57733	39091	37115	50811
DGDG 36:4	212828	107769	114095	109789	174811	108436	122838	108583
DGDG 36:5	68437	40924	47097	48726	60870	39189	22830	46247
DGDG 36:6	61240	22211	22937	33719	47387	24527	10510	25689
MGDG 32:0	25897	4508	5345	9506	20656	6741	10130	15214
MGDG 34:0	69154	5796	6699	17690	43430	31472	28592	48302
MGDG 34:1	32799	3235	1983	13722	24066	31898	10667	20662
MGDG 34:2(1)	134254	13627	9645	71125	116384	52394	62975	31875
MGDG 34:2(2)	122932	15312	14299	34409	106301	34383	52371	121902
MGDG 36:3	25692	20997	21703	31822	35557	35652	39033	49483
MGDG 36:4	81600	62578	73499	59099	102767	55606	80070	72695
MGDG 36:5	32960	19990	24339	31304	34534	11706	18750	29908
MGDG 36:6	51736	27485	27435	33107	43226	20269	15061	34774
PC 32:0	178370	262876	200102	169751	274284	388934	190797	366302
PC 32:1	275836	397508	410128	244676	354034	350199	222716	815791
PC 32:2	135949	284977	257742	122329	160204	230947	118183	414619
PC 34:1	6282438	5849267	5700292	5897461	6690079	7183491	5324954	8625948
PC 34:2	3724524	5137605	4841052	3351003	4008245	5780074	3458302	6199368
PC 34:3(1)	92710	93779	97529	57317	115056	115540	38781	75932
PC 34:3(2)	31895	46213	34511	29058	48602	69995	33804	67046
PC 34:4	45818	68534	69311	40091	60728	61595	35913	144405
PC 36:1(1)	37363	33604	35354	47046	34195	46386	40629	50711
PC 36:1(2)	338629	362866	428653	228849	343073	360363	282801	629494
PC 36:2	5919146	4810931	4331224	5139777	6012128	5792865	5286740	7931565
PC 36:3	7554929	8577757	7678213	6437481	7539596	9145405	6619527	11000000
PC 36:4(1)	2902045	5232907	4744353	2625515	3017754	5676290	2643401	5207292
PC 36:4(2)	927106	927046	886555	920769	923512	973736	822605	990611
PC 36:5(1)	220172	379393	390898	155591	227070	402695	122953	320825
PC 36:5(2)	677836	857942	822111	634280	728186	906982	642057	959749
PC 38:2(1)	20378	41458	42269	18653	26634	34774	23763	25305
PC 38:2(2)	20378	41458	42269	18653	26634	34774	23763	25305
PC 38:3	33727	48448	41502	26818	39599	50283	31929	45035
PC 38:4(1)	18138	17144	17869	20853	16113	21861	20212	23257
PC 38:4(2)	62343	68803	78248	41437	64981	67076	51945	119587
PC38:5	765240	825831	761117	790560	797173	834727	785601	761172
PC38:6	1023114	994067	929728	916535	1020930	1036533	921423	985990
PE 34:1	681220	520889	496208	389530	556307	583826	453275	827988
PE 34:2	881291	818573	785581	559478	693876	823990	573272	1002397
PE 34:3	25405	17792	17017	10593	23783	19680	9478	15865
PE 36:2	362227	262887	243378	193624	325942	279862	288247	433958
PE 36:3	744501	728223	762090	540217	601572	729918	593464	985478
PE 36:4	673511	856412	889608	544317	620482	781644	533176	849183
PE 36:5(1)	30157	35996	39459	15888	27463	33980	14340	32135
PE 36:5(2)	157135	146827	148014	109054	132190	142049	111210	166680
TAG 48:0	3519881	905331	873475	2341637	2621880	1308311	1635527	1788689

Rice Lipid Raw Data	GW437	GW438	GW439	GW440	GW441	GW442	GW443	GW444
TAG 48:1	2025470	1848158	1857516	1718723	2055146	1929905	1108970	5031674
TAG 48:2	4417810	3686955	3666433	3630742	4191528	4148932	2003080	9342016
TAG 48:3 (1)	228298	323936	323577	232694	291471	309211	151783	640408
TAG 48:3 (2)	20313	67836	56869	54055	84956	57737	26397	106639
TAG 48:4(1)	84588	151225	138110	82881	120725	133220	70724	202555
TAG 48:4(2)	15719	25467	21008	18089	29636	36085	15330	55907
TAG 50:0	1796183	577522	608407	1067234	1141243	758558	837905	851687
TAG 50:1	32900000	20400000	19800000	31100000	30900000	28200000	26000000	31600000
TAG 50:2	50800000	39500000	38600000	49100000	49200000	51100000	41300000	55600000
TAG 50:3	10900000	11300000	10400000	9852530	10300000	11100000	6902400	20300000
TAG 50:4	4721684	6454337	5947752	4451833	5549110	5372917	3176375	10500000
TAG 50:5 (1)	205107	312149	343632	248618	256223	302497	186081	678771
TAG 50:5 (2)	17069	73509	67453	40732	68569	49745	22847	74480
TAG 52:0	1162982	506698	523518	783359	810858	608071	675850	612447
TAG 52:1	15600000	8254155	8825694	11000000	11300000	10800000	8005290	13500000
TAG 52:2	56000000	47300000	46600000	56700000	56000000	54200000	52100000	58200000
TAG 52:3	78300000	74400000	70800000	76500000	77800000	78700000	71900000	85900000
TAG 52:4	79800000	78000000	71400000	77200000	79100000	85800000	69500000	88400000
TAG 52:5	13300000	13200000	12300000	13200000	12800000	16600000	11500000	17000000
TAG 52:6	521271	457520	463152	456493	475348	578838	414914	641097
TAG 54:0	448239	210930	214192	317358	324397	254810	260671	264883
TAG 54:1	7378446	3706724	4126162	5795538	5183393	4567453	4001248	5764842
TAG 54:2	27100000	18000000	19400000	22600000	22500000	21700000	17300000	27000000
TAG 54:3	51100000	47700000	46500000	53000000	54700000	55200000	50200000	57500000
TAG 54:4	74300000	69700000	69200000	70200000	73100000	71300000	65100000	77900000
TAG 54:5	76000000	84000000	80700000	74900000	78000000	88600000	69000000	92300000
TAG 54:6	42000000	51800000	53000000	43400000	46100000	52500000	39700000	56400000
TAG 54:7	6331492	9339580	9071379	7013944	7082843	10400000	6435175	10700000
TAG 54:8	413313	537909	584500	361195	357002	612978	352130	657799
TAG 56:0	220134	66232	61863	167428	162647	86177	124314	114967
TAG 56:1	2790483	1137090	1199663	2236692	1775334	1487632	1544106	1832835
TAG 56:2	13300000	6888712	7087521	11400000	9868594	8202665	8467265	9325949
TAG 56:3	14000000	11300000	11200000	13600000	12400000	13400000	10400000	14100000
TAG 56:4	7666332	9405196	9589770	8202024	6425881	9085637	6486387	8302286
TAG 58:0	50129	17271	15853	34088	38793	21058	26175	29313
TAG 58:1	2073060	899375	850067	1965838	1757368	1521430	1501859	1858555
TAG 58:2	6411085	3367197	3214769	6030203	5039271	4623838	4695630	5615571
TAG 58:3	3812294	2710565	2588387	3854592	3114817	3236371	2755888	3566070
TAG 58:4	3832696	2911816	2820456	3627547	2630608	3356610	2599330	3701843
TAG 58:5	441504	319542	314913	411712	307021	386931	310423	325545
TAG 60:1	519400	281529	253873	484456	541230	389659	384991	558705
TAG 60:2	4649893	2136277	1937247	4319848	4180076	3183033	3613038	4219624
TAG 60:3	3882470	3117351	2686169	4089535	3678744	4180610	3259387	5195604
TAG 60:4	3708193	3291298	2991680	3961288	3307800	4406511	3102663	4984772
TAG 60:5	346125	263360	263603	394098	273215	379538	334701	421946
TAG 60:6	35124	26152	23782	16914	33385	38107	12945	23796
DAG 34:1	50163	68180	95959	64609	58163	41595	42609	55231
DAG 34:2	85203	157930	224280	131235	106179	86341	60926	110751
DAG 36:2	114252	120372	140228	131254	130965	68650	68659	111863

Rice Lipid Raw Data	GW437	GW438	GW439	GW440	GW441	GW442	GW443	GW444
DAG 36:3	119000	506667	485631	151923	162430	200753	103216	191925
DAG 36:4	148530	600632	593481	196486	218932	283850	160388	250754
DAG 36:5	20006	60710	69439	26661	21924	39178	24287	31397
Lyso-MGDG 16:0	336814	163830	185982	258234	362370	335211	269308	392237
Lyso-MGDG 18:0	19356	6194	7612	12611	16413	16125	17110	21863
Lyso-MGDG 18:1	14059	6575	8644	5349	21884	20033	8314	13761
Lyso-MGDG 18:2	58751	39655	62810	24914	65511	42494	32729	21517
Lyso-DGDG 16:0	101052	11772	16844	24572	91316	31501	57775	16356
Lyso-DGDG 18:1	17802	5891	7002	7544	18913	14462	12780	2688
Lyso-DGDG 18:2	80833	48302	69711	32901	73145	46196	59447	8677
Lyso-PC 16:0	2623295	3632140	4040273	3307375	4700139	4785434	3864758	3652590
Lyso-PC 16:3	43267	166656	204163	66256	56844	80567	39789	51763
Lyso-PC 18:0	231604	187653	233024	194606	306807	331312	324609	485979
Lyso-PC 18:1	413257	836466	893950	644492	570182	1059245	597230	760794
Lyso-PC 18:2	1024927	3010532	3730561	1994276	1932417	2069126	2319309	473426
Lyso-PC 18:3	625818	834186	895807	778143	1000944	1001376	871875	832004
Lyso-PE 16:0	317140	276063	313372	305081	327694	314622	374472	188166
Lyso-PE 18:0	11224	16883	21100	9985	9517	18147	5115	17363
Lyso-PE 18:1	38275	48764	48784	40782	35392	55183	40655	25818
Lyso-PE 18:2	160797	298881	376473	216504	191314	177656	254217	22553
Lyso-PE 18:3	69434	61267	70242	67272	70963	67044	79902	43287
SQDG 32:0	42152	58408	30159	25442	42379	42692	53569	41246
SQDG 34:2	19896	21129	13051	13980	11414	18379	19591	7763
PG 32:0	42625	72227	27531	27540	48228	62255	36653	36206
PG 34:1	76931	92451	81062	73179	71918	81942	98374	59781
PG 34:2	95208	117416	98967	97450	82858	87919	98994	64326
PG 36:3	17256	25416	24875	22678	18693	19530	28258	15879
PS 36:0	62634	43878	58733	59043	38901	55358	51428	36796
PS 36:1	20437	19017	36102	34106	15947	22678	29900	16763
PS 38:0	682735	641607	667478	630355	624322	697328	731373	625715
PS 38:1	428236	505926	632511	583215	429094	519657	640562	485961
PS 38:2	6604	15088	16906	17820	9342	18764	18902	6785
PS 40:0	58825	43677	54675	62450	29427	46806	49965	34907
PS 40:1	638037	569435	472597	473015	539216	585257	542238	557190
PS 40:2	694430	734985	792351	741258	658597	736497	874557	673526
PS 40:3	276758	339593	568139	523455	303152	335196	579511	318700
PS 40:4	10618	23330	38065	39167	16137	23314	39311	12560
PI 34:1	304955	390289	332804	322939	269282	328478	420937	328909
PI 34:2	859320	822502	720834	718825	654720	644357	807699	605740
PI 34:3	24464	33412	22245	26479	17801	23907	24920	13361
PI 36:4	78249	86205	99782	93222	70713	59937	118753	56800

Rice Lipid Raw Data	GW445	GW446	GW447	GW448	GW449	GW450	GW451	GW452
DGDG 32:0	31538	35514	92908	88128	18865	19883	32869	47166
DGDG 34:1	26369	24406	39454	31679	14388	14525	40041	34305
DGDG 34:2	187490	190569	277974	226612	127533	125325	261780	223697
DGDG 36:2	38803	25850	36143	33420	18287	16157	32366	29878
DGDG 36:3	50953	36471	34266	30775	22692	29936	48412	55409
DGDG 36:4	112429	154670	116236	101512	105591	110603	148703	87446
DGDG 36:5	31898	51876	40099	34663	28971	41663	49210	31533
DGDG 36:6	25307	34746	45567	30538	16153	38693	48340	31608
MGDG 32:0	20314	16656	35653	42147	13560	11709	18887	20303
MGDG 34:0	35387	40812	51456	49759	13400	16328	15408	39972
MGDG 34:1	19311	30180	27343	25481	9802	8060	46674	19385
MGDG 34:2(1)	69571	153755	136470	109702	60965	60759	119996	75631
MGDG 34:2(2)	59079	79696	106715	100934	57355	37716	104812	87310
MGDG 36:3	26152	27416	23272	25918	16452	11338	36059	38298
MGDG 36:4	50938	104162	89792	78485	68073	83861	110499	46606
MGDG 36:5	19988	42702	33203	30309	22349	46273	40312	22906
MGDG 36:6	24926	50923	45681	32302	14637	61059	39997	28403
PC 32:0	191706	203309	203469	184524	139847	130956	122601	122676
PC 32:1	317514	210408	236780	217564	179588	233731	313889	235453
PC 32:2	159796	134108	96825	78444	116730	118599	183273	101563
PC 34:1	5659608	5812726	4968959	4577773	3487420	5872313	5366519	4489918
PC 34:2	3728001	3914717	2787193	2476273	2463678	3376316	3153490	2350830
PC 34:3(1)	82947	84377	31943	25065	39060	46800	53752	31263
PC 34:3(2)	31895	35780	35377	31227	23377	22638	20457	20742
PC 34:4	54905	35379	40158	37134	29783	39634	55388	40684
PC 36:1(1)	40376	37339	33601	29742	25698	37872	51166	31238
PC 36:1(2)	277234	269047	269461	246011	187666	255222	251664	197217
PC 36:2	5109154	4616529	4539289	4130856	2555402	4654509	4959586	4077565
PC 36:3	6626609	6652085	5473919	5185071	4233654	5971921	6230381	5018300
PC 36:4(1)	2803393	2995813	2048979	1923338	2107755	2371317	2378643	1732459
PC 36:4(2)	946791	963615	829047	803285	688962	942339	922427	779938
PC 36:5(1)	195916	177063	106523	93217	104876	127094	148832	77003
PC 36:5(2)	690449	716777	538516	470653	479097	635874	594070	444071
PC 38:2(1)	19641	23425	17843	18821	18072	15669	15181	5807
PC 38:2(2)	19641	23425	17843	18821	18072	15669	15181	5807
PC 38:3	31545	27232	26931	25368	20275	25577	25743	15145
PC 38:4(1)	18302	17926	16687	13433	13023	18974	23997	15469
PC 38:4(2)	50747	51815	50222	45239	34702	46372	46853	37046
PC38:5	743311	744219	692161	662852	450956	768160	804562	692572
PC38:6	944640	972886	840567	846059	734314	892182	895541	802732
PE 34:1	371762	489091	295291	325202	241795	453781	268781	243202
PE 34:2	540310	700540	430050	445748	381442	639793	459014	384213
PE 34:3	13349	17780	3206	3474	5111	7742	6898	4463
PE 36:2	195774	225523	156504	157717	95108	204352	122512	115215
PE 36:3	487650	575450	384937	409537	325169	525147	355655	344429
PE 36:4	464488	607348	423653	461187	401329	548146	413042	406172
PE 36:5(1)	18567	22364	7786	9158	9441	14325	9276	7179
PE 36:5(2)	110793	132055	92716	92917	82549	126040	97341	81909
TAG 48:0	2759726	3059888	3641560	3541146	1356440	2539315	2219875	3276132

Rice Lipid Raw Data	GW445	GW446	GW447	GW448	GW449	GW450	GW451	GW452
TAG 48:1	1569354	1664350	1644809	1601063	1227302	1535885	1386181	1809669
TAG 48:2	4336003	4187041	3444266	3299740	2814068	3483667	3683037	4892638
TAG 48:3 (1)	322977	254350	223527	225976	210598	216404	265754	280010
TAG 48:3 (2)	60602	70205	30744	32249	47125	24043	67688	25456
TAG 48:4(1)	130263	94134	67392	67709	106840	66087	97174	85795
TAG 48:4(2)	49685	29532	21603	17411	26647	20078	34454	17652
TAG 50:0	1231397	1212325	1585097	1536933	646768	1171940	1084377	1295294
TAG 50:1	29200000	32700000	30200000	28700000	21300000	32400000	26400000	32200000
TAG 50:2	51100000	58200000	51500000	48200000	41300000	54000000	46000000	54700000
TAG 50:3	11100000	11200000	10000000	9413891	8218818	10300000	9553841	10200000
TAG 50:4	5310762	5106730	3383502	3081586	4541420	3567237	4655024	4432244
TAG 50:5 (1)	388700	286975	188892	167939	244409	235684	291135	266544
TAG 50:5 (2)	49079	45266	14640	17599	48294	17072	44337	15659
TAG 52:0	841719	833498	998676	1005645	572100	801895	778683	812266
TAG 52:1	10900000	11500000	11700000	10600000	6718558	11800000	8544515	10900000
TAG 52:2	55200000	55500000	54600000	55900000	43200000	54300000	53000000	56100000
TAG 52:3	79500000	77700000	78500000	76800000	70700000	75400000	74300000	73800000
TAG 52:4	83900000	87000000	75100000	71500000	75400000	81500000	76300000	75200000
TAG 52:5	16900000	17700000	11900000	11200000	12200000	14700000	12700000	12300000
TAG 52:6	846665	756403	441631	391497	386647	565704	526221	394400
TAG 54:0	328983	316849	396929	392034	235337	302930	299488	305433
TAG 54:1	5518453	5104108	5538988	5362996	3377161	5661710	4311916	5025217
TAG 54:2	21900000	21600000	22900000	21400000	14900000	22200000	18500000	20700000
TAG 54:3	54700000	53000000	53200000	54200000	41400000	51000000	54700000	51200000
TAG 54:4	73100000	72000000	71000000	68900000	59400000	71200000	66600000	65700000
TAG 54:5	80000000	79800000	70500000	69400000	71200000	72700000	74600000	70300000
TAG 54:6	47900000	49400000	38000000	34700000	45700000	41600000	43000000	35600000
TAG 54:7	9640078	8776057	4876692	5050635	7648894	6568891	6832209	4784834
TAG 54:8	705421	577345	235011	241850	366117	381057	366979	247230
TAG 56:0	208936	192869	253650	251967	103555	183962	167235	191321
TAG 56:1	2030695	1767285	2087240	1964142	1167033	2049284	1656267	1855867
TAG 56:2	10200000	9360759	10500000	10000000	6480208	9570498	8736684	9312832
TAG 56:3	13400000	12000000	12500000	12300000	9212811	12700000	11700000	11200000
TAG 56:4	9254404	7775252	6793236	7028062	7960681	7797749	7470647	7365450
TAG 58:0	51030	44185	65435	68762	26421	38217	36342	44586
TAG 58:1	1989267	1750465	1893890	1797419	1194218	1924177	1492984	1668588
TAG 58:2	5912131	5274702	5735500	5491620	3990448	5781943	5105602	5095725
TAG 58:3	3728933	3078115	3271122	3209616	2604001	3390938	3170876	2927477
TAG 58:4	3551476	2948512	2865056	2579523	2675763	3184298	2923445	2830466
TAG 58:5	502150	380757	327691	313445	279599	350401	389889	323916
TAG 60:1	610153	528561	600285	581160	350290	589424	404576	464992
TAG 60:2	4387003	4070992	4473447	4200586	2691581	4070000	3415302	3706080
TAG 60:3	4412273	3942989	3941949	4010955	3215690	4033566	3662261	3344168
TAG 60:4	4485173	3759935	3204961	3156323	3625148	3839125	3585313	3197772
TAG 60:5	601265	422641	274401	281198	329773	386545	363288	297066
TAG 60:6	29455	31020	13984	15043	10823	19582	18734	15802
DAG 34:1	33997	48060	51264	42193	28424	40328	23778	29212
DAG 34:2	84706	122783	110608	77208	95304	106154	62093	67657
DAG 36:2	88142	106350	118229	97243	57180	102808	69739	64718

Rice Lipid Raw Data	GW445	GW446	GW447	GW448	GW449	GW450	GW451	GW452
DAG 36:3	99353	129653	129824	124881	83210	104908	91393	89783
DAG 36:4	139931	175098	171058	148619	194864	133266	127284	127399
DAG 36:5	27671	25579	20530	21106	22638	19157	20050	15295
Lyso-MGDG 16:0	267294	411566	477979	389514	227387	311198	390664	329802
Lyso-MGDG 18:0	16240	22824	18476	13493	7500	15549	10037	15906
Lyso-MGDG 18:1	16241	8997	20585	18983	10458	5490	35876	18129
Lyso-MGDG 18:2	66031	43055	111177	99525	59178	38321	134507	68633
Lyso-DGDG 16:0	58851	48764	141815	131403	58851	42353	106622	73065
Lyso-DGDG 18:1	19400	8934	21888	20823	12039	11974	25745	17019
Lyso-DGDG 18:2	98934	50889	134728	129472	70621	79362	130026	70429
Lyso-PC 16:0	3701730	3895014	5098723	4478187	3046721	3484190	5495128	3863384
Lyso-PC 16:3	60295	48838	53344	46375	35805	39485	93748	53912
Lyso-PC 18:0	215723	203640	230670	208381	151872	174817	208292	221945
Lyso-PC 18:1	531496	424105	505773	484806	726994	537462	902474	439026
Lyso-PC 18:2	2373690	2167986	2326098	1953273	1457789	2177907	3176678	1528815
Lyso-PC 18:3	842552	862557	1040993	971106	708272	806158	1082511	846944
Lyso-PE 16:0	218664	251021	279958	284067	200784	265033	324377	223774
Lyso-PE 18:0	9891	10014	11769	11216	4985	6145	18281	10125
Lyso-PE 18:1	26793	24121	25483	29238	37822	32835	37739	26328
Lyso-PE 18:2	200093	205681	205011	207989	131830	221118	251311	166647
Lyso-PE 18:3	51381	56180	62857	64169	46888	59262	71335	51521
SQDG 32:0	39956	49906	41409	74991	67062	39742	66539	67046
SQDG 34:2	20579	20981	19156	22478	21640	1907	23998	28913
PG 32:0	32416	44616	59433	79112	75370	44829	50816	52418
PG 34:1	105066	58739	64504	42158	37886	30224	52052	38049
PG 34:2	85405	71250	75814	66835	57004	38748	74781	57472
PG 36:3	26395	16937	12797	10968	9502	7859	12975	9458
PS 36:0	107680	50008	38050	40117	36831	31611	40697	53112
PS 36:1	48616	22435	19044	11892	12087	18611	14259	20926
PS 38:0	805830	637846	632866	584398	541712	441022	614373	616338
PS 38:1	669165	525332	510445	398159	367766	350892	466654	431244
PS 38:2	12473	14336	15036	5133	3921	5439	7804	9328
PS 40:0	80702	35364	35830	33869	30598	22269	33490	33696
PS 40:1	692832	559618	516380	498969	466613	312165	493138	544470
PS 40:2	1043699	688042	676252	595642	593742	491384	633041	645853
PS 40:3	532873	347494	338469	251877	235598	263712	278594	285999
PS 40:4	31965	19303	18341	10201	9352	11102	12251	14364
PI 34:1	468435	204107	334802	166311	206849	151687	274478	191291
PI 34:2	734189	625818	780558	608785	721587	433390	877054	690371
PI 34:3	17668	23747	30188	16499	16066	11183	25315	19722
PI 36:4	86467	66716	68782	53641	62896	49223	82339	61219

Rice Lipid Raw Data	GW453	GW454	GW455	GW456	GW457	GW458	GW459	GW460
DGDG 32:0	30824	21814	20826	21396	15045	28711	21549	72760
DGDG 34:1	33733	18851	23466	15701	14365	24834	15550	32652
DGDG 34:2	193626	157687	179707	120163	108069	174747	142969	239749
DGDG 36:2	30913	16849	26581	17296	31240	40463	29553	34862
DGDG 36:3	57731	33765	58720	34245	24698	52245	38605	34132
DGDG 36:4	152017	117874	140215	105590	67845	137149	132684	130476
DGDG 36:5	59833	39749	25332	30566	18559	32252	27898	42380
DGDG 36:6	48877	36092	15341	13394	11986	17552	15710	46644
MGDG 32:0	15932	14001	14273	12684	13640	19858	12115	33668
MGDG 34:0	25139	7779	21248	32047	44381	36527	26557	48412
MGDG 34:1	39021	6301	11331	17080	9464	23839	10664	26072
MGDG 34:2(1)	90470	51260	67528	90960	75118	76996	52359	105712
MGDG 34:2(2)	61346	42128	46968	48502	56063	56032	36342	80280
MGDG 36:3	33439	17796	40426	24876	19262	43827	19153	14979
MGDG 36:4	90126	73836	61548	88850	46087	84095	54663	87368
MGDG 36:5	32918	33020	24423	38457	9947	22913	13527	32973
MGDG 36:6	34027	39257	22010	21078	13102	18927	11797	43307
PC 32:0	167590	122264	180857	155008	220446	263903	202084	135502
PC 32:1	291083	351737	335658	243053	215897	261832	271207	270984
PC 32:2	194758	180188	142873	127443	126351	160321	115269	125631
PC 34:1	5812152	4822686	6238964	4741325	4225339	5674482	4403490	4348950
PC 34:2	3898554	2821489	3373137	2742540	3098010	3794420	2773853	2314645
PC 34:3(1)	72961	42546	42522	37411	54364	60165	49395	39015
PC 34:3(2)	28040	19542	29017	25233	39127	45825	35084	22786
PC 34:4	48093	60645	58396	42589	35196	45859	44413	45244
PC 36:1(1)	39007	37097	36852	38192	26015	28191	32555	38789
PC 36:1(2)	300203	201371	284251	243449	282872	348185	238877	241410
PC 36:2	5107349	3924191	5201744	4526294	4624697	5618492	4320524	3842939
PC 36:3	7049058	5138250	6364313	5157249	6450807	6921500	5492378	5035546
PC 36:4(1)	3055597	1939168	2295644	1886392	2745631	2805504	2052163	1732895
PC 36:4(2)	964447	836059	902382	809065	801897	902383	789005	784938
PC 36:5(1)	202882	104506	117456	98120	135716	169162	148226	88866
PC 36:5(2)	703361	531401	628290	516180	588341	689906	537102	437035
PC 38:2(1)	19079	16233	23990	20839	29048	32047	12894	10455
PC 38:2(2)	19079	16233	23990	20839	29048	32047	12894	10455
PC 38:3	28965	20627	28756	24483	30952	35524	24805	19862
PC 38:4(1)	18141	17374	19260	18679	12359	12891	15355	18872
PC 38:4(2)	57660	35509	52918	45088	52274	64397	43462	43825
PC38:5	746974	687325	778416	696068	705633	785411	649324	633860
PC38:6	923054	810776	879748	824942	958851	950529	867094	816660
PE 34:1	355693	268178	438657	391033	324040	402095	326989	251989
PE 34:2	613213	429521	567748	498761	410789	452170	407048	377498
PE 34:3	10317	4423	6932	7097	8871	8923	8248	2626
PE 36:2	183145	109212	241221	214203	206280	261851	223191	115983
PE 36:3	499026	337061	528417	500580	479427	500955	444081	305302
PE 36:4	608397	446670	548649	476915	427151	421133	423025	346538
PE 36:5(1)	12974	6131	11487	12072	13054	12929	14784	4423
PE 36:5(2)	115963	91396	113327	106493	84866	93218	84432	81127
TAG 48:0	2819874	2405820	2022019	2476519	1641246	3321563	1848311	2846591

Rice Lipid Raw Data	GW453	GW454	GW455	GW456	GW457	GW458	GW459	GW460
TAG 48:1	1788086	1614023	1248045	1747533	1293080	2029906	1546514	1648324
TAG 48:2	4563761	4372441	2798837	4319480	2978094	4335334	3121824	5709514
TAG 48:3 (1)	244540	263865	214261	292643	229319	285393	229147	319470
TAG 48:3 (2)	29627	61616	64968	28463	18242	34492	23060	18928
TAG 48:4(1)	76211	111692	84513	69838	80998	92414	81843	109837
TAG 48:4(2)	19864	44471	35696	19816	11191	21193	15425	19355
TAG 50:0	1329360	1133900	930981	1101045	1004207	1630286	1078850	1283803
TAG 50:1	31700000	26700000	26500000	30200000	25500000	34600000	27300000	25200000
TAG 50:2	52200000	44100000	46300000	50100000	42400000	53400000	42700000	47400000
TAG 50:3	10600000	10200000	8859728	11300000	8675114	12300000	9648222	10100000
TAG 50:4	4916109	6720826	3782733	4556465	3959721	5849250	3815571	7147762
TAG 50:5 (1)	315169	373315	214661	375945	299742	355527	233886	406237
TAG 50:5 (2)	21345	49366	50637	14803	15756	18321	19081	14254
TAG 52:0	855734	794068	771230	724592	722930	972305	872550	782960
TAG 52:1	12800000	8940279	9672533	9844217	10900000	12700000	10500000	9097448
TAG 52:2	56600000	50000000	52500000	54500000	51800000	58200000	52900000	51800000
TAG 52:3	75900000	72600000	74000000	72700000	73000000	77200000	77200000	71700000
TAG 52:4	80400000	82100000	75000000	76400000	72400000	87300000	72900000	77200000
TAG 52:5	14000000	12800000	13100000	14200000	13000000	16400000	11400000	11600000
TAG 52:6	590252	514462	474934	647725	508129	716988	412085	439067
TAG 54:0	315769	309461	296752	279166	294041	382821	335487	307133
TAG 54:1	5206352	4355765	5101152	4869455	4970060	5648286	4982281	4123375
TAG 54:2	23700000	17900000	20900000	19700000	21200000	23700000	22400000	18300000
TAG 54:3	54300000	49700000	49500000	51000000	54700000	54600000	55900000	49400000
TAG 54:4	69800000	68500000	69600000	66800000	70800000	74100000	66600000	65800000
TAG 54:5	75900000	73600000	74800000	69500000	70100000	79800000	71900000	69600000
TAG 54:6	41700000	48400000	42700000	36300000	41800000	48000000	36600000	41900000
TAG 54:7	6446341	6688851	6508281	6479852	7701807	8370797	5548985	5748161
TAG 54:8	399966	318888	363718	410499	481869	516804	305698	297510
TAG 56:0	189499	183088	174927	179869	146495	249307	168922	198054
TAG 56:1	1815989	1711153	1772442	1787454	1748730	2115344	1819056	1600794
TAG 56:2	9187015	8357877	9496376	9707533	9797223	10800000	10100000	8314465
TAG 56:3	11400000	10900000	13200000	12400000	11600000	12200000	12300000	10000000
TAG 56:4	6706124	7846132	8883311	7868791	7093291	6970648	6824136	7024188
TAG 58:0	45256	43606	39762	44189	35573	69579	42900	51520
TAG 58:1	1681492	1563378	1763116	1723560	1458180	2178156	1932938	1500001
TAG 58:2	5342594	5069783	5383228	5407251	5283361	6053646	5601979	5093103
TAG 58:3	2983777	2869619	3332373	3168945	2994193	3317830	3126758	2787539
TAG 58:4	2854909	2855118	3218833	2979153	2876119	3011296	2747168	2734572
TAG 58:5	362753	315162	354809	388300	380581	432660	339385	328256
TAG 60:1	479459	469750	561041	525151	421318	765658	578466	438581
TAG 60:2	3838404	3675634	4013902	4000212	3730500	4928434	4673547	3619726
TAG 60:3	3544917	3560339	4460961	3868515	3447309	4300575	4389918	3345407
TAG 60:4	3583908	3670399	4001228	3535431	3299075	3758611	3401324	3594506
TAG 60:5	364719	324389	399600	455816	373889	424565	336537	316254
TAG 60:6	22028	15686	15213	22800	16580	27941	25507	14809
DAG 34:1	40182	35897	42711	32362	26474	51249	35053	25407
DAG 34:2	80836	86653	90311	77120	59053	111446	64550	63214
DAG 36:2	94419	90857	84206	87552	85232	108198	78703	50396

Rice Lipid Raw Data	GW453	GW454	GW455	GW456	GW457	GW458	GW459	GW460
DAG 36:3	95121	82301	97652	80671	61615	115254	101298	94101
DAG 36:4	134842	156479	177699	101339	83061	162579	132421	182563
DAG 36:5	18364	18919	21086	21152	15065	23820	17378	24221
Lyso-MGDG 16:0	339263	293536	235996	297449	232177	439490	289272	528581
Lyso-MGDG 18:0	14725	8887	14967	17554	17380	24988	15960	19464
Lyso-MGDG 18:1	22078	12915	9970	6257	4073	21848	11154	18448
Lyso-MGDG 18:2	77618	67768	66736	35499	24927	82029	76681	91221
Lyso-DGDG 16:0	69979	72813	61631	28084	20680	87445	80415	129029
Lyso-DGDG 18:1	18740	16257	19779	8307	5727	32230	22005	22735
Lyso-DGDG 18:2	82990	115020	140897	45342	27956	176183	172121	141620
Lyso-PC 16:0	4419988	5368735	4567780	3519163	2476678	4486496	5397357	4117934
Lyso-PC 16:3	58590	154217	55503	58788	28608	97264	97893	99483
Lyso-PC 18:0	240152	178299	255717	230111	211974	304633	313315	178173
Lyso-PC 18:1	778099	633863	644803	449790	317670	783889	801069	376560
Lyso-PC 18:2	2144941	4017902	3364460	2097728	1157208	2946604	3951670	2023278
Lyso-PC 18:3	924534	1065157	959445	791566	585008	948247	1077481	898356
Lyso-PE 16:0	333534	317988	343657	246498	151871	312568	333327	280297
Lyso-PE 18:0	9272	25765	6888	10841	4900	23209	12862	31552
Lyso-PE 18:1	43372	30578	38622	28174	17431	45965	39158	21997
Lyso-PE 18:2	223641	310003	314835	193774	93876	305254	341908	189006
Lyso-PE 18:3	71586	67891	74004	53837	35346	66725	73180	63096
SQDG 32:0	53726	96855	62064	45406	42493	48549	65514	42218
SQDG 34:2	18810	34516	20088	17111	14320	14218	19305	15323
PG 32:0	46227	80563	45508	48358	52210	41454	67175	44208
PG 34:1	38217	63599	37434	52806	38305	43980	70765	42354
PG 34:2	47623	85082	55466	57115	42446	50942	75122	47498
PG 36:3	8030	12228	7571	12484	8778	15379	21028	12842
PS 36:0	40350	46490	51597	50521	40815	37964	43728	44335
PS 36:1	15652	23036	21231	19126	15720	19648	19996	17825
PS 38:0	554046	634168	573770	663295	546599	505058	644469	534978
PS 38:1	335805	508860	392117	446900	367147	423068	534499	387101
PS 38:2	5012	12613	7157	7910	6004	8890	9854	8073
PS 40:0	26211	42474	25618	38045	30461	36686	49623	30052
PS 40:1	469660	511016	478791	528685	509060	505011	559818	521139
PS 40:2	598581	684888	575801	642495	578137	649944	666999	619440
PS 40:3	221775	349545	237703	279495	231219	332386	294528	251731
PS 40:4	7525	16768	9024	11921	9924	16689	16982	14813
PI 34:1	162492	315266	203327	343699	298037	389337	325879	262026
PI 34:2	639326	1135211	693730	770031	685398	915726	785977	695401
PI 34:3	18217	37337	20586	20275	21297	28141	21826	21164
PI 36:4	51736	104284	49765	63564	63219	109266	88252	74709

Rice Lipid Raw Data	GW461	GW462	GW463	GW464	GW466	GW467	GW468	GW469
DGDG 32:0	41290	29578	41908	61727	31735	17462	13189	11892
DGDG 34:1	23876	17226	27754	43353	17584	14673	24391	28637
DGDG 34:2	150126	159920	196694	267052	141444	101595	118601	121346
DGDG 36:2	20462	23530	35825	48571	28690	24629	13861	16856
DGDG 36:3	31971	30229	36409	51445	32595	52215	52121	67570
DGDG 36:4	91598	166089	133477	117065	110617	121601	141297	147752
DGDG 36:5	28566	41083	44137	32570	33373	30083	65551	68984
DGDG 36:6	17876	25368	28777	24985	16811	12488	43339	38283
MGDG 32:0	24549	14809	29432	29021	18170	14726	7490	5678
MGDG 34:0	58352	44883	64060	62272	36631	11922	17807	13745
MGDG 34:1	24309	15228	18123	31115	12889	9057	23743	19476
MGDG 34:2(1)	76857	90003	68344	86108	83050	45965	36859	26667
MGDG 34:2(2)	53267	40911	58424	75813	55928	33593	30926	32797
MGDG 36:3	25106	12093	20370	35214	22626	38585	30062	40224
MGDG 36:4	63918	78601	68224	59147	98645	83838	70314	73435
MGDG 36:5	23910	23630	25653	23457	41222	23003	32996	34927
MGDG 36:6	19929	22273	22451	21356	31296	11174	38074	36032
PC 32:0	222553	305385	311608	154770	244202	208401	219036	199694
PC 32:1	355392	205116	248526	250246	244548	390597	241345	279633
PC 32:2	173287	173775	123381	106739	142653	198538	176574	160883
PC 34:1	5125018	5095764	4860914	4924487	5392505	5686021	6015274	6340646
PC 34:2	3115020	4634140	3599679	2718821	3460786	3201324	4735326	4415197
PC 34:3(1)	44869	77519	76846	37240	38054	43812	123021	84183
PC 34:3(2)	37573	54677	56897	26843	42384	36247	35112	34726
PC 34:4	61910	32805	43062	42565	42143	68081	39330	46206
PC 36:1(1)	32655	42755	35241	21799	27800	29581	33298	32469
PC 36:1(2)	298142	230911	281380	263100	296706	410733	301685	320716
PC 36:2	4257407	3114091	3297732	4673083	3996236	5716405	4795734	5794722
PC 36:3	5526740	6742109	4836264	5755437	5281977	6916474	7911832	7862075
PC 36:4(1)	2007704	4092737	2255435	2015088	2158267	2679221	4403554	3937478
PC 36:4(2)	888580	884226	856439	872665	910005	984417	973632	1000804
PC 36:5(1)	109382	191559	165211	112330	101581	122321	314853	273362
PC 36:5(2)	579600	794226	652900	525032	630341	599991	809761	766194
PC 38:2(1)	16959	21402	12152	8410	22463	27418	17317	19684
PC 38:2(2)	16959	21402	12152	8410	22463	27418	17317	19684
PC 38:3	21310	32928	22081	19712	23456	29473	44381	40100
PC 38:4(1)	15856	21274	17175	10918	14708	14407	15448	16259
PC 38:4(2)	55036	43687	49981	50763	55608	76635	57222	59802
PC38:5	684888	570163	587589	717217	677220	814223	769846	849623
PC38:6	877747	932482	761138	875010	826855	971731	1003338	975517
PE 34:1	332705	295978	337184	351452	391213	399024	442339	513882
PE 34:2	466562	607801	533807	448664	566649	528428	750543	705669
PE 34:3	7010	11072	11806	6614	5710	6212	22640	15702
PE 36:2	160085	110049	149403	165029	174800	232948	180514	218256
PE 36:3	411165	458555	388146	442535	479573	538577	532699	535698
PE 36:4	429574	633439	479442	466552	467432	553938	682872	645402
PE 36:5(1)	9448	15926	16070	9507	9845	12409	28563	21152
PE 36:5(2)	98323	123717	105373	97707	117535	106746	130317	134674
TAG 48:0	3742324	1720038	3369964	3560099	3394372	2227799	1154640	1150740

Rice Lipid Raw Data	GW461	GW462	GW463	GW464	GW466	GW467	GW468	GW469
TAG 48:1	2653788	1352268	1950094	2275159	1677616	2111973	1752729	1937462
TAG 48:2	7630736	4085918	5559311	4369353	4619513	4362173	3515246	3380892
TAG 48:3 (1)	463643	212165	344668	271783	274074	287884	271246	263117
TAG 48:3 (2)	45236	29107	55217	20654	55879	57285	64359	55870
TAG 48:4(1)	131636	98064	98105	79025	84981	99199	118857	113458
TAG 48:4(2)	29646	25123	28853	14416	29128	34156	30436	24737
TAG 50:0	1939112	813436	1583835	1662460	1460015	1240395	660476	709793
TAG 50:1	35000000	25700000	33800000	34500000	33900000	30300000	27700000	29000000
TAG 50:2	58600000	52300000	58800000	54200000	57800000	46400000	45800000	45200000
TAG 50:3	14500000	9385398	11600000	11100000	11100000	10700000	9718354	10600000
TAG 50:4	8845996	4643567	5234382	4154773	4983386	5611652	4603404	4158763
TAG 50:5 (1)	531964	255669	386844	242927	300396	354232	225341	202123
TAG 50:5 (2)	28419	27646	25936	10560	33324	38648	59151	51604
TAG 52:0	1185646	663259	933951	1009451	907894	819055	561919	579425
TAG 52:1	14900000	8143733	12200000	13800000	11400000	11700000	9539048	11000000
TAG 52:2	56900000	48600000	56300000	57400000	56600000	56200000	53900000	55500000
TAG 52:3	79700000	74400000	77000000	82500000	76400000	77500000	79000000	82000000
TAG 52:4	85800000	82600000	83100000	77600000	81100000	77500000	79700000	81200000
TAG 52:5	16600000	13700000	16100000	12000000	15300000	12700000	13200000	12700000
TAG 52:6	657247	437347	625057	500151	559121	519745	476870	411548
TAG 54:0	472380	262471	335096	381596	334140	318200	233473	248677
TAG 54:1	7840271	4376935	4867752	6014099	5204201	5146252	4336862	5153315
TAG 54:2	26300000	19000000	20600000	23700000	21000000	22900000	20700000	23100000
TAG 54:3	55300000	48500000	50800000	56600000	50500000	53200000	52700000	55200000
TAG 54:4	72600000	65700000	67800000	71900000	70100000	74000000	78800000	76000000
TAG 54:5	78600000	74100000	72900000	71900000	72800000	79000000	85600000	87700000
TAG 54:6	47700000	44400000	43200000	38700000	44300000	43500000	49400000	50000000
TAG 54:7	7507947	7136382	7243279	5124187	6756885	6886483	8055961	7937951
TAG 54:8	449034	358957	441940	283959	365366	405465	495497	418399
TAG 56:0	258702	137309	203606	224484	230349	185210	80334	82685
TAG 56:1	2852550	1685867	1615472	2202268	1768172	1936362	1407299	1639852
TAG 56:2	12500000	8689056	7940423	10500000	9275430	9440870	7461924	9226923
TAG 56:3	14600000	11600000	9524467	11900000	10900000	12400000	12300000	14000000
TAG 56:4	10000000	11200000	6523835	6461296	7665419	7391296	8855935	8795062
TAG 58:0	81110	28914	52211	54202	55114	52573	17461	19219
TAG 58:1	2452246	1621645	1674938	2019893	1746051	1931134	1476677	1603372
TAG 58:2	7126182	5978115	5083056	5555844	5378964	5504243	4331606	4770336
TAG 58:3	3953485	3692433	2423931	2997448	2651606	3411388	3008989	3495756
TAG 58:4	3946147	4593028	2465550	2611396	2543775	2868302	2894057	3390981
TAG 58:5	547208	472761	341562	310392	313993	343806	406622	396596
TAG 60:1	941650	405194	503631	643579	542451	674072	361651	383225
TAG 60:2	5306331	3313896	3666821	4290849	3789702	4573860	3120311	3348205
TAG 60:3	4596396	4401902	3341513	3730985	3538199	4450169	4081043	4502007
TAG 60:4	4873880	5476650	3150964	3188734	3546984	3827449	3734975	4083124
TAG 60:5	529557	494642	340890	285560	368532	396804	276212	307421
TAG 60:6	33419	20094	29608	18609	17724	22389	42254	38149
DAG 34:1	58781	28992	54581	67093	58326	55993	46040	53501
DAG 34:2	140332	91366	129101	103163	135889	115091	79121	84334
DAG 36:2	130515	62401	95416	114701	115014	124404	79909	105350

Rice Lipid Raw Data	GW461	GW462	GW463	GW464	GW466	GW467	GW468	GW469
DAG 36:3	154104	120281	119053	143228	120367	160352	169011	216270
DAG 36:4	204901	225092	196310	191833	168535	200562	228199	238837
DAG 36:5	25393	28128	25427	26754	23050	28721	28129	28603
Lyso-MGDG 16:0	331296	302382	349623	293922	299832	239770	349311	210476
Lyso-MGDG 18:0	18381	22993	27445	17652	17232	9834	11836	6468
Lyso-MGDG 18:1	8580	3766	11955	18979	6837	12720	27963	21247
Lyso-MGDG 18:2	29382	28892	44006	65545	39642	61239	58435	54587
Lyso-DGDG 16:0	39284	38845	52819	109635	44556	44694	51713	30805
Lyso-DGDG 18:1	9723	7905	20747	28230	8911	17017	30513	23204
Lyso-DGDG 18:2	37586	53295	85170	126276	54439	90046	109096	74043
Lyso-PC 16:0	2610461	2526766	3981273	4485934	6108447	4427148	6345038	3750552
Lyso-PC 16:3	64413	31467	54785	67984	94124	122714	133633	73207
Lyso-PC 18:0	162491	160368	361542	341706	410687	237954	278737	153680
Lyso-PC 18:1	402658	351125	547082	663000	668522	742200	1698324	1076416
Lyso-PC 18:2	1163855	1511228	2013821	2049223	3257855	2755900	3211398	2199779
Lyso-PC 18:3	603146	580839	862943	950499	1147662	949566	1161127	829765
Lyso-PE 16:0	159366	169020	315242	401634	381229	271454	398799	248225
Lyso-PE 18:0	15505	6074	10325	6966	6706	20746	18239	12000
Lyso-PE 18:1	23642	18991	36789	43881	35964	40972	78638	56923
Lyso-PE 18:2	110213	117177	221449	267908	315616	255548	326147	211432
Lyso-PE 18:3	39380	40565	67883	85231	81740	59039	82978	57480
SQDG 32:0	60308	67740	61467	77195	60470	55918	40242	48349
SQDG 34:2	24679	19648	27143	17233	17740	16380	14120	14604
PG 32:0	57942	61871	70867	72031	52063	68357	55382	37510
PG 34:1	32834	45655	38990	42180	48060	52374	48108	86601
PG 34:2	53803	69343	67867	59305	46895	57109	46610	95835
PG 36:3	8242	10392	10650	7330	8478	8757	12358	23184
PS 36:0	45807	56517	35831	40020	41046	42738	59905	41664
PS 36:1	17736	22359	23332	17603	16954	18543	26230	22760
PS 38:0	533470	603628	600357	565957	590582	611252	635891	683757
PS 38:1	330612	419788	562213	469644	395495	448653	448999	603750
PS 38:2	6018	7179	13098	13178	6057	5469	7837	21989
PS 40:0	28922	38432	30320	36056	34169	40625	55138	38828
PS 40:1	441570	455603	380696	392817	501216	463459	603965	516633
PS 40:2	567512	630651	660537	550224	650260	604686	698031	762996
PS 40:3	222589	251937	465221	285838	240818	263628	304756	500376
PS 40:4	9354	10428	20856	14710	9590	10793	12388	32599
PI 34:1	166128	258622	193244	209521	275721	287448	341734	334537
PI 34:2	735866	856561	766434	704002	538188	686812	722396	637032
PI 34:3	18357	20345	22104	25211	13018	15140	16359	22359
PI 36:4	65295	60279	87835	49878	41642	54547	80194	73221

Rice Lipid Raw Data	GW470	GW471	GW472	GW473	GW474	GW475	GW476	GW477
DGDG 32:0	32921	24218	45531	31919	6056	21565	39018	41309
DGDG 34:1	28523	18771	19818	29040	15133	16907	23198	23065
DGDG 34:2	177442	128084	122160	205448	111825	152672	135112	158715
DGDG 36:2	31339	25937	22773	33371	24812	22109	19390	17478
DGDG 36:3	45174	63180	29985	48953	59858	36285	31087	32121
DGDG 36:4	70365	132710	87452	136764	130072	97583	87957	95559
DGDG 36:5	32565	32978	31755	32187	29417	24908	33992	26368
DGDG 36:6	39959	14760	26062	17894	12074	15177	22929	17903
MGDG 32:0	14127	14483	23440	17967	9809	19040	35534	31410
MGDG 34:0	24218	13814	88363	35671	64602	24188	64096	41679
MGDG 34:1	14374	14516	18315	22360	54092	14030	15824	14670
MGDG 34:2(1)	75660	60487	69753	77505	150837	75059	58654	70939
MGDG 34:2(2)	56087	39675	50569	67147	147005	57900	73694	81619
MGDG 36:3	35671	54223	24089	37012	71232	33434	27636	28649
MGDG 36:4	64452	90853	55619	73599	106343	62704	69147	76262
MGDG 36:5	27051	29748	24631	25788	12263	15188	22262	24731
MGDG 36:6	31919	15939	30177	18176	14807	11266	18232	18466
PC 32:0	220745	163974	338053	184321	346825	216517	336190	290680
PC 32:1	344161	382288	214127	282791	613048	214971	393849	320502
PC 32:2	224610	210993	158131	170356	327908	129019	152373	160227
PC 34:1	4847445	5356171	5454683	5474049	7892575	4741214	6807178	5607691
PC 34:2	3282211	3061391	3731662	3646818	5203097	2987807	3960337	3141292
PC 34:3(1)	78242	38040	88321	54083	72875	45180	63038	36538
PC 34:3(2)	38023	24533	59667	28362	59560	36287	58129	50131
PC 34:4	60396	67402	35833	49606	97158	34841	65165	52338
PC 36:1(1)	23410	30314	34626	40566	44381	21644	24004	35620
PC 36:1(2)	285321	381530	288878	302363	541210	192451	365645	265622
PC 36:2	3775184	5300920	3657186	4584743	6921212	3508464	5626290	4284760
PC 36:3	5364040	6777204	5583388	6655635	9506482	4813480	6650485	5666832
PC 36:4(1)	2230846	2564668	2362764	2879061	4823805	1907020	2619692	2101162
PC 36:4(2)	850557	917775	870595	920456	872016	775887	865936	796874
PC 36:5(1)	170896	108242	167631	144170	307842	96640	151308	125881
PC 36:5(2)	609639	574180	667810	669248	774083	534318	671806	561641
PC 38:2(1)	14330	34690	29564	40994	37231	8057	14363	14503
PC 38:2(2)	14330	34690	29564	40994	37231	8057	14363	14503
PC 38:3	23214	29402	27503	32649	43186	19351	24672	24102
PC 38:4(1)	11364	13993	16649	20102	20535	9831	11266	16813
PC 38:4(2)	53439	72868	52830	55982	93925	34215	65375	46500
PC38:5	662308	781486	604474	734632	676226	620746	701010	651889
PC38:6	836141	971575	828280	932525	922579	710546	838143	817316
PE 34:1	195627	356753	396592	429573	627459	251966	517137	354670
PE 34:2	369498	481022	624180	629572	854274	363415	607180	484831
PE 34:3	5867	5274	16335	12772	13073	7073	9561	5638
PE 36:2	84969	197090	187982	207099	313349	152175	287672	168085
PE 36:3	255576	498185	523293	561411	768666	357060	546040	438953
PE 36:4	408040	588954	656510	637134	793682	348250	487772	420357
PE 36:5(1)	8234	10800	21752	19424	22215	9992	13819	9457
PE 36:5(2)	80740	95528	131661	124437	134775	76096	114783	92963
TAG 48:0	2932606	1827345	3169672	2638742	1251592	2724790	3056163	3910331

Rice Lipid Raw Data	GW470	GW471	GW472	GW473	GW474	GW475	GW476	GW477
TAG 48:1	2246200	1784789	1557285	1639783	2790071	1649158	2288719	2472785
TAG 48:2	7335681	3901760	4339138	4080398	5615542	4173151	5150329	7405170
TAG 48:3 (1)	548746	239808	272836	277855	426900	201252	265026	434131
TAG 48:3 (2)	72991	56943	65074	77546	68822	29795	47455	42936
TAG 48:4(1)	149567	98824	91511	100352	176559	77905	101454	121232
TAG 48:4(2)	47225	32382	35730	39868	36098	18069	28448	31448
TAG 50:0	1428534	1088529	1484752	1240867	694429	1083043	1485031	1448051
TAG 50:1	29600000	24700000	29800000	30400000	25400000	28000000	31200000	31300000
TAG 50:2	56100000	42300000	53300000	51700000	46400000	50500000	51200000	56600000
TAG 50:3	14600000	9701955	10600000	10500000	14000000	9496510	11300000	13800000
TAG 50:4	7945825	5342294	4519996	5111320	7488790	4914128	5744611	6349085
TAG 50:5 (1)	715244	301292	332754	413244	398868	210181	223781	425591
TAG 50:5 (2)	44265	43480	40472	55317	57505	16234	26232	26236
TAG 52:0	1012399	848352	986569	819598	530132	648399	993086	844515
TAG 52:1	11200000	10300000	11300000	10800000	11800000	8573839	14200000	11000000
TAG 52:2	57500000	53000000	55100000	54100000	49500000	50300000	52400000	51900000
TAG 52:3	81100000	77200000	78100000	77500000	70700000	68700000	73200000	73900000
TAG 52:4	82500000	75400000	81800000	86400000	80400000	75400000	80800000	83800000
TAG 52:5	17300000	12400000	16200000	17500000	13800000	11600000	11400000	15400000
TAG 52:6	632020	455208	731463	719992	441979	351921	373747	621417
TAG 54:0	418532	339861	372615	330279	207389	236346	360688	315681
TAG 54:1	5480897	4985262	5507585	5189361	5679428	3563069	6222922	5076723
TAG 54:2	23000000	21700000	21100000	20000000	23600000	17100000	25400000	19900000
TAG 54:3	54300000	52100000	48900000	49000000	49500000	45900000	55000000	48900000
TAG 54:4	72600000	71800000	70700000	69300000	69000000	65200000	71100000	67100000
TAG 54:5	76500000	77100000	71900000	75400000	83600000	69000000	74700000	72000000
TAG 54:6	46200000	46000000	44600000	44900000	53300000	40600000	41000000	40800000
TAG 54:7	8873483	7415519	8216591	8900666	8289057	5321951	5780036	6899401
TAG 54:8	547011	403893	594060	643791	395344	239966	265270	367358
TAG 56:0	228946	161141	225979	192470	88090	171754	210801	205492
TAG 56:1	2181019	1802152	1956672	1906289	1682256	1288907	2085484	1719288
TAG 56:2	10600000	9628380	9141374	9033662	8747954	7041130	10500000	8733685
TAG 56:3	13000000	12700000	11500000	12000000	12500000	8948848	11800000	11500000
TAG 56:4	8258205	8072801	9413728	8734650	8117186	5786436	5504855	7602852
TAG 58:0	64178	44826	60235	42904	20045	38410	56810	43528
TAG 58:1	2022435	1721297	1891965	1649581	1567592	1415104	2026028	1683966
TAG 58:2	6690596	5312204	5645838	5014921	4642179	4654741	5542327	5345542
TAG 58:3	3535625	3392061	3280686	3287085	3237764	2388109	2950508	3119011
TAG 58:4	3356405	2879774	3372985	2924004	3506523	2441011	2499966	3011301
TAG 58:5	396238	328926	454432	419235	303207	244335	245060	384721
TAG 60:1	706818	572668	609654	446683	429752	378674	685304	411182
TAG 60:2	4900562	4091936	3940955	3357308	3336415	3204849	4610534	3559303
TAG 60:3	4634053	4336557	4096805	3709916	4187186	3143793	3822709	3584228
TAG 60:4	4371310	3774217	4209881	3484835	4436528	3237915	3275274	3526546
TAG 60:5	503671	387552	530746	451454	323795	249977	247474	393116
TAG 60:6	19975	17691	25847	21980	25915	11982	19565	20632
DAG 34:1	42115	58905	57268	52325	80477	40801	61434	32669
DAG 34:2	119108	126334	139406	124707	173279	118365	114049	79414
DAG 36:2	83353	131760	96060	92228	176286	96464	132056	82971

Rice Lipid Raw Data	GW470	GW471	GW472	GW473	GW474	GW475	GW476	GW477
DAG 36:3	135327	230392	170260	133394	348367	109878	138351	69009
DAG 36:4	216814	256758	258300	205098	372385	151723	145638	103926
DAG 36:5	34582	33973	39693	37434	39459	16929	16735	13976
Lyso-MGDG 16:0	402626	289532	356300	314787	845598	254320	369621	310671
Lyso-MGDG 18:0	12667	9461	28193	17767	48507	12430	29193	14532
Lyso-MGDG 18:1	20606	16149	8696	11940	23985	8544	10424	10049
Lyso-MGDG 18:2	74504	69477	34764	52245	70335	30866	35068	40364
Lyso-DGDG 16:0	83797	51089	44604	65859	16077	46292	53346	43299
Lyso-DGDG 18:1	21858	18314	9263	20259	2758	10919	11081	8181
Lyso-DGDG 18:2	91332	102493	40608	98523	10269	48587	38849	33590
Lyso-PC 16:0	5849736	4048101	4558425	3936673	4867308	4008313	3990605	3466944
Lyso-PC 16:3	160095	122722	56328	88695	61429	49952	57983	46039
Lyso-PC 18:0	297525	183573	370244	221561	664333	209010	287037	214135
Lyso-PC 18:1	733295	738801	634294	627250	1129732	462745	529541	399103
Lyso-PC 18:2	3107583	2760268	2199262	2558924	1028005	1775125	1303120	1266394
Lyso-PC 18:3	1126318	885676	970269	866170	913379	810203	815145	744430
Lyso-PE 16:0	254978	249391	306502	258560	377370	220019	288340	215688
Lyso-PE 18:0	27073	26262	7842	13910	37632	7789	9703	9774
Lyso-PE 18:1	26923	42397	36187	38219	38775	24017	35371	20988
Lyso-PE 18:2	212057	260457	198445	239890	39004	139307	137641	109880
Lyso-PE 18:3	56226	56035	69094	58379	74277	49136	59931	47138
SQDG 32:0	51240	67851	27148	38450	73608	23805	31606	54703
SQDG 34:2	20139	22144	6309	15867	21053	18663	11177	15641
PG 32:0	39187	45095	51039	64371	60496	33153	39022	59188
PG 34:1	88870	35073	49725	57407	81160	96214	35992	53279
PG 34:2	88047	60163	44221	68690	98719	85183	45038	52644
PG 36:3	21000	6128	12141	11075	19318	22990	8322	11346
PS 36:0	45668	55986	64015	37480	61165	87204	40667	62479
PS 36:1	20434	26358	25312	18582	28405	42813	17986	22829
PS 38:0	660420	568227	609238	624510	717657	794036	557242	660137
PS 38:1	560927	452996	432791	488554	557544	632973	417372	516734
PS 38:2	15949	14167	6866	14735	14656	13654	7481	10280
PS 40:0	45191	37800	48567	39251	49313	78803	23713	43304
PS 40:1	564916	429079	564445	411805	561683	629182	427482	553568
PS 40:2	755983	583495	679038	614901	788822	937997	571910	655527
PS 40:3	451891	254122	289324	306677	467979	531614	238987	289792
PS 40:4	27880	14894	10778	19122	27146	24889	9539	13972
PI 34:1	460892	147982	295344	300064	351887	427177	161873	388224
PI 34:2	843442	607702	575519	647109	813192	680375	432582	829003
PI 34:3	25488	23567	12647	24969	26843	18342	11802	20050
PI 36:4	84553	38991	66952	46388	79747	85217	39996	64851

Rice Lipid Raw Data	GW478	GW479	GW480	GW481	GW482	GW483	GW484	GW485
DGDG 32:0	18458	15561	29134	30334	19628	16519	12993	59379
DGDG 34:1	15185	13651	18648	16810	12271	13219	20645	63420
DGDG 34:2	79550	106597	144398	118122	116320	93643	93555	378952
DGDG 36:2	13006	15976	22368	20091	14431	18934	23233	84777
DGDG 36:3	30530	32795	35882	31816	32367	36081	61473	75810
DGDG 36:4	66365	114817	113693	100736	109844	113772	94584	205584
DGDG 36:5	21891	30732	41251	46026	33689	38349	40689	51320
DGDG 36:6	11676	25806	29000	36330	32347	29891	16170	43043
MGDG 32:0	14369	11561	28765	27510	8698	9941	14896	28940
MGDG 34:0	20111	14177	53424	41440	17338	19072	28703	57753
MGDG 34:1	17644	11899	35230	21213	16226	8328	9325	38121
MGDG 34:2(1)	49756	55571	101689	73735	93585	39607	40746	109392
MGDG 34:2(2)	23186	40770	93486	70263	38779	22049	32543	123680
MGDG 36:3	21750	23247	40883	24689	14178	12716	58044	43001
MGDG 36:4	46259	72441	99753	78985	66079	52102	69037	113055
MGDG 36:5	18025	29904	41635	37381	27786	27898	28526	38512
MGDG 36:6	11782	36557	39007	41007	26624	28468	11615	39808
PC 32:0	303992	207156	196449	241053	142631	170862	190478	209599
PC 32:1	260213	223690	205683	322909	177155	259216	308566	476485
PC 32:2	129397	128914	102598	151554	103420	124563	205342	251342
PC 34:1	6100143	5373740	5564002	6429944	5112681	5235599	5236960	6985721
PC 34:2	3332531	3131629	3477605	4110486	3419537	2912711	3759270	4264647
PC 34:3(1)	48145	72177	89312	94012	46974	80166	103133	80369
PC 34:3(2)	53974	33940	33905	43119	23916	28624	31004	36370
PC 34:4	42431	37958	34441	53946	27879	41780	52326	79382
PC 36:1(1)	29358	32028	27717	28142	26345	28371	53060	31691
PC 36:1(2)	335281	265766	240728	307890	210919	331204	207173	351173
PC 36:2	5451700	4178763	3786920	4851470	4175283	4357389	4159640	5627619
PC 36:3	6096943	5438976	5583656	6580763	6190260	5207492	6817887	7342594
PC 36:4(1)	2018966	2044115	2480465	2815269	2708636	2031238	3145272	3199201
PC 36:4(2)	866239	808878	799005	926442	798459	824919	879748	890333
PC 36:5(1)	95750	148249	186240	190547	120050	147923	243996	242971
PC 36:5(2)	592057	564505	628551	718670	621311	538663	653359	707677
PC 38:2(1)	26828	22115	12919	13838	11731	11912	14554	13540
PC 38:2(2)	26828	22115	12919	13838	11731	11912	14554	13540
PC 38:3	29321	27029	18708	23702	23909	20544	22140	29827
PC 38:4(1)	13495	14941	13635	13247	11957	13588	25276	15172
PC 38:4(2)	59251	48363	42449	55099	37019	59082	38183	63885
PC38:5	738540	605785	604638	730081	667968	652331	657705	712951
PC38:6	850073	840384	828085	878085	894328	805975	882406	923796
PE 34:1	307291	325357	244713	302610	281255	395969	320135	325508
PE 34:2	366581	475326	442058	450736	549606	528154	496249	527819
PE 34:3	6681	9372	13007	11490	8231	13901	21033	9613
PE 36:2	205711	172745	103014	140481	132761	195968	160773	160606
PE 36:3	458721	424424	365382	398930	417951	466465	515793	475046
PE 36:4	394875	491294	487908	459475	509362	458764	577526	496392
PE 36:5(1)	8570	12032	18897	17183	12545	16210	25302	16421
PE 36:5(2)	69593	91097	86863	86548	106109	105914	96771	98556
TAG 48:0	2895644	2396189	2632263	3319310	1969384	1934538	2692332	4017748

Rice Lipid Raw Data	GW478	GW479	GW480	GW481	GW482	GW483	GW484	GW485
TAG 48:1	1941991	1553499	1480381	2303027	1007479	1470919	2245258	2843495
TAG 48:2	3233776	3277034	3317277	5326390	2272872	3390222	4917559	7679011
TAG 48:3 (1)	227139	206057	206604	291240	147653	260478	383420	472117
TAG 48:3 (2)	52673	44624	35939	43403	39850	46000	127179	33493
TAG 48:4(1)	74085	70241	72826	94655	68143	98108	141510	109480
TAG 48:4(2)	25931	23242	19024	24244	20379	21401	80838	26578
TAG 50:0	1345760	1080703	1236550	1457374	902372	1139358	1296412	1850321
TAG 50:1	34000000	28300000	28300000	31100000	26600000	26500000	30600000	34400000
TAG 50:2	50400000	47400000	48300000	52400000	47200000	44400000	50300000	57300000
TAG 50:3	10100000	10000000	9188522	11700000	7740007	9405365	11900000	14900000
TAG 50:4	3655907	3943511	3589813	5299364	3000549	4345862	5402555	7126432
TAG 50:5 (1)	203682	224238	218025	295753	164138	290946	415803	493581
TAG 50:5 (2)	30144	25976	21859	23803	26238	31430	75468	23026
TAG 52:0	921709	769227	831908	912769	664085	798229	848432	980872
TAG 52:1	12700000	10200000	10800000	12400000	8558114	12200000	12100000	14100000
TAG 52:2	53800000	50400000	50300000	52600000	49600000	51600000	53400000	54000000
TAG 52:3	70800000	72700000	72200000	74800000	73900000	70200000	73000000	78400000
TAG 52:4	78800000	75000000	73300000	79400000	80600000	71500000	77000000	83500000
TAG 52:5	13200000	13100000	14000000	14500000	13000000	12800000	16300000	18100000
TAG 52:6	464530	571927	571413	567528	444722	515887	759828	849966
TAG 54:0	333233	280167	301351	343664	263823	313760	296400	365697
TAG 54:1	6214254	5076054	5083605	6091084	4175784	5988303	5318303	6329399
TAG 54:2	22900000	20600000	19600000	22600000	18700000	24600000	20500000	24300000
TAG 54:3	51600000	47900000	48500000	50700000	47600000	51200000	49200000	52600000
TAG 54:4	68600000	65800000	64100000	64800000	66100000	66700000	65000000	70700000
TAG 54:5	70400000	72300000	68500000	71500000	72500000	69200000	70600000	78700000
TAG 54:6	39500000	40000000	40700000	42000000	45400000	41700000	42900000	44200000
TAG 54:7	6227600	6499472	6671187	7025340	7036227	6930469	8303420	7909916
TAG 54:8	309632	348272	389919	399353	351704	436676	575146	564796
TAG 56:0	190428	169266	157878	215371	144236	153436	174086	233204
TAG 56:1	2081027	1858452	1853541	2229992	1596306	2215475	1806721	2303854
TAG 56:2	10900000	9672087	8813762	10200000	8921946	10900000	8782272	10800000
TAG 56:3	12500000	12300000	10700000	11700000	11300000	11900000	10700000	13400000
TAG 56:4	6432709	7869814	7404583	7370014	7495009	7783399	7303594	7429370
TAG 58:0	49585	38969	38402	52352	32276	42612	38441	58058
TAG 58:1	2100391	1889051	1698831	2040353	1540047	1855701	1677480	2126062
TAG 58:2	5389485	5704895	5084846	5664520	5273909	5545067	4754068	6230045
TAG 58:3	3097259	3285304	2940920	3310663	3170362	3216309	2828752	3609361
TAG 58:4	2529848	3044578	2878941	3054751	3105562	3176851	2941362	3344777
TAG 58:5	291432	373548	393990	391653	361133	415866	496273	483095
TAG 60:1	692734	541675	458506	638931	442089	613188	460495	657976
TAG 60:2	4405411	4235843	3565840	4334146	3665146	4358590	3355122	4345163
TAG 60:3	3894784	4126724	3288184	3914956	3843794	4038248	3379691	4252054
TAG 60:4	3126402	3870907	3221006	3627798	3957223	3687018	3316755	4037576
TAG 60:5	303945	429444	344275	397070	358349	427551	422576	537834
TAG 60:6	16318	27035	36114	28089	21811	28765	71065	37041
DAG 34:1	86025	91882	58921	47286	27192	43769	58520	81515
DAG 34:2	142886	191628	111806	99328	87523	106738	132673	179497
DAG 36:2	159370	163865	98230	104764	98104	133543	111121	161077

Rice Lipid Raw Data	GW478	GW479	GW480	GW481	GW482	GW483	GW484	GW485
DAG 36:3	190530	299729	134386	109407	89421	123084	131576	212741
DAG 36:4	181762	263787	195595	139370	130404	124262	152427	210902
DAG 36:5	25782	37197	25305	20815	16572	17826	29177	32596
Lyso-MGDG 16:0	317504	264213	378643	360430	270647	300438	279805	355930
Lyso-MGDG 18:0	16507	10671	22260	21804	8775	15565	14952	16530
Lyso-MGDG 18:1	13649	10217	13520	11388	6831	8438	8865	21930
Lyso-MGDG 18:2	38937	49684	45221	38588	37455	36401	34653	74806
Lyso-DGDG 16:0	41027	35442	31241	36141	34748	49864	26801	87372
Lyso-DGDG 18:1	16683	12157	8389	9567	8317	20280	9959	24853
Lyso-DGDG 18:2	54611	67973	30431	34391	50352	98638	35931	91737
Lyso-PC 16:0	4376954	4321913	3619918	4503440	2518971	4571907	3564537	2725073
Lyso-PC 16:3	33949	47597	36581	73872	19166	84506	70910	53911
Lyso-PC 18:0	267782	176724	253675	308917	94261	241220	223472	190581
Lyso-PC 18:1	1081279	625888	585922	743213	378408	818032	569505	505778
Lyso-PC 18:2	2631567	2855328	1724126	1907082	1536051	3421602	2119624	1171904
Lyso-PC 18:3	887788	887178	776309	903495	568079	926817	767832	615621
Lyso-PE 16:0	180606	274274	244710	238385	143024	347106	221455	155795
Lyso-PE 18:0	6489	5187	8537	12551	3072	16750	12906	15649
Lyso-PE 18:1	43065	33399	31635	34407	19759	50614	34859	26455
Lyso-PE 18:2	170015	241514	153301	164953	124034	330748	196422	122621
Lyso-PE 18:3	40918	57078	50537	51857	31595	69200	48673	34027
SQDG 32:0	92481	33349	45977	45835	67405	55074	31825	35321
SQDG 34:2	19625	6664	15027	14496	14127	20504	11436	15606
PG 32:0	61007	44231	47297	48128	51246	53054	46051	38901
PG 34:1	37736	48180	34372	40842	45287	32503	43131	77476
PG 34:2	51085	43108	44547	55059	56456	63054	47798	69995
PG 36:3	8566	9035	7265	9387	9761	10533	8776	15528
PS 36:0	51511	45942	39699	35882	50953	31976	44455	49013
PS 36:1	21630	15511	14778	15596	20041	14165	17147	26947
PS 38:0	592890	644298	576264	560976	646724	567910	560009	567744
PS 38:1	433167	441357	428776	467179	524439	445638	413036	474224
PS 38:2	5534	6784	11773	15725	15417	7649	12855	17996
PS 40:0	32312	43030	29667	30879	40929	24302	38990	25525
PS 40:1	450994	537611	476064	425015	480310	458896	485555	454204
PS 40:2	600909	643291	601060	613273	677213	653750	598823	673854
PS 40:3	243499	236445	241161	301889	311588	321308	239963	359849
PS 40:4	9123	10120	12730	17188	18854	11846	12622	20100
PI 34:1	228073	179348	155754	142424	151263	152171	280770	346651
PI 34:2	701782	359784	468913	372881	366820	666378	799558	665270
PI 34:3	17576	8075	16019	17157	13430	15910	32082	27544
PI 36:4	57007	35515	33694	30113	33005	62878	61842	61847

Rice Lipid Raw Data	GW486	GW487	GW488	GW489	GW490	GW491	GW492	GW494
DGDG 32:0	64829	41023	18689	35114	38250	10783	12556	19418
DGDG 34:1	45645	32331	30406	35338	18415	15486	10792	31257
DGDG 34:2	325307	227756	132437	241720	123219	130559	80611	137092
DGDG 36:2	66262	46212	20931	42700	22761	31193	15710	32899
DGDG 36:3	57918	53454	54481	50220	25159	43055	27889	49610
DGDG 36:4	163301	141770	136609	97795	80772	160567	94689	96023
DGDG 36:5	40403	39940	62174	20261	29146	52558	37217	22431
DGDG 36:6	35949	28321	38730	16428	25054	61389	23680	10300
MGDG 32:0	22253	17661	7019	14754	15398	8732	16251	16567
MGDG 34:0	69314	42730	27195	31979	65127	13179	34861	38713
MGDG 34:1	51091	19894	26511	27009	16692	39020	11729	15796
MGDG 34:2(1)	158699	66831	47875	70350	69129	82042	55373	46830
MGDG 34:2(2)	94539	56734	35066	69208	49174	62519	34110	46275
MGDG 36:3	31476	35724	33862	44185	23893	36424	20951	55592
MGDG 36:4	86243	72093	80104	42910	53716	117258	67976	66249
MGDG 36:5	32658	29408	38606	13498	24992	39148	30077	12453
MGDG 36:6	35376	23004	44078	12207	32431	55857	24768	14482
PC 32:0	184526	180147	231822	111286	243231	108600	225527	191249
PC 32:1	244161	419316	335154	298494	184750	250931	416998	337257
PC 32:2	132339	187984	157317	159084	129726	158203	243365	162530
PC 34:1	4523520	6067124	6847706	4218317	4979281	6035875	6566116	6490786
PC 34:2	2524436	3314838	4544013	2831041	3370984	3583202	4709000	3619100
PC 34:3(1)	56103	60157	81448	32491	87463	47209	85644	64740
PC 34:3(2)	30344	31528	38816	18066	43282	18162	39292	31499
PC 34:4	39728	71194	57819	49831	30809	39229	69823	54790
PC 36:1(1)	31931	27608	30309	22815	32949	55003	28604	40025
PC 36:1(2)	246763	295750	303668	307244	261049	484766	358173	286293
PC 36:2	3747830	5080576	5746133	4327837	3076954	5916151	4961362	6373613
PC 36:3	4820968	6018842	7504621	5670771	5012777	7502350	6956342	7514038
PC 36:4(1)	1690559	2035271	3623288	2223052	2198910	3155093	3227281	2842473
PC 36:4(2)	732904	900578	924642	717040	782408	879504	891601	916420
PC 36:5(1)	115629	140983	232462	110747	158258	165874	188197	161850
PC 36:5(2)	464059	595210	752961	508438	606423	635482	780691	637480
PC 38:2(1)	11544	10597	13948	17801	19939	16001	21544	15402
PC 38:2(2)	11544	10597	13948	17801	19939	16001	21544	15402
PC 38:3	17174	23406	38083	22230	22348	26895	27198	28995
PC 38:4(1)	14686	13511	14025	9977	15650	25352	13245	19123
PC 38:4(2)	43571	53880	53575	54820	46235	91286	65294	49713
PC38:5	579369	714908	742451	642726	520850	762661	734144	812764
PC38:6	759996	860083	955703	846303	795069	920298	926512	978716
PE 34:1	275710	364089	555735	282285	279628	448397	406644	491100
PE 34:2	403426	501873	783245	367615	524588	659870	635601	533388
PE 34:3	5911	7858	13879	4197	13960	7367	14190	11463
PE 36:2	112831	191739	241250	163217	122705	170677	247596	322821
PE 36:3	331776	437066	550085	400339	372203	493468	539953	581619
PE 36:4	398069	416281	663488	427653	460771	553246	552000	520506
PE 36:5(1)	9741	11952	21337	8478	17311	10850	20817	18235
PE 36:5(2)	81525	98184	133305	74493	102814	116085	117768	99807
TAG 48:0	3155879	3399625	1292730	2121856	2523650	985056	3010524	2860768

Rice Lipid Raw Data	GW486	GW487	GW488	GW489	GW490	GW491	GW492	GW494
TAG 48:1	1891956	2674437	1953606	1945739	1301119	1104859	2464415	2256053
TAG 48:2	4987225	6423622	3841089	3798486	3694569	2139200	6511288	4042129
TAG 48:3 (1)	267194	396673	270770	218823	250217	210279	393380	332360
TAG 48:3 (2)	40110	30281	63628	26667	47578	52804	36875	36715
TAG 48:4(1)	101201	123530	100639	72346	88988	114920	134553	103772
TAG 48:4(2)	25605	20973	26234	14591	28120	38048	22954	17623
TAG 50:0	1595275	1619321	698934	1192248	1274762	698324	1412625	1333248
TAG 50:1	29600000	33400000	27000000	26300000	26100000	23400000	32100000	33500000
TAG 50:2	48700000	52300000	47800000	42600000	47500000	43500000	54500000	54500000
TAG 50:3	10300000	13800000	10600000	8828790	9691793	8736687	14200000	12800000
TAG 50:4	6385047	6792654	4230501	3835593	4021947	4178325	8848953	4328562
TAG 50:5 (1)	331704	418812	196528	195094	308056	183464	533542	298412
TAG 50:5 (2)	23831	19907	48289	17867	33559	61193	27786	24663
TAG 52:0	920367	947426	577626	850111	869231	584262	908622	933149
TAG 52:1	12200000	12700000	9708403	11000000	9803782	12100000	13700000	13200000
TAG 52:2	51000000	52800000	53700000	49800000	48200000	52800000	54100000	53200000
TAG 52:3	72100000	76400000	74800000	64400000	68900000	72700000	75400000	77500000
TAG 52:4	81800000	83000000	77600000	64800000	77000000	82600000	87400000	80700000
TAG 52:5	12300000	15700000	13300000	8404113	16500000	12900000	18000000	15100000
TAG 52:6	503806	669159	442135	274483	797275	434498	714477	628058
TAG 54:0	326977	352005	216619	342666	312589	255438	372560	356616
TAG 54:1	5686130	5507064	4336266	5052119	4529605	6495768	6741638	6552007
TAG 54:2	22300000	22500000	20000000	20700000	19300000	26200000	24800000	25500000
TAG 54:3	51600000	52800000	53500000	45000000	44400000	54500000	53300000	55300000
TAG 54:4	66600000	69000000	70800000	59900000	59300000	73300000	71600000	69300000
TAG 54:5	72500000	74000000	83000000	60600000	68400000	87900000	79100000	81600000
TAG 54:6	44100000	42800000	49500000	30100000	41100000	61700000	53100000	41600000
TAG 54:7	6052976	7286021	7912408	4128053	8687499	8626408	9910987	7479681
TAG 54:8	338038	439705	433008	188880	678904	376939	557286	461686
TAG 56:0	174991	201696	75225	161458	168507	80205	232472	178479
TAG 56:1	1911665	1925357	1407264	1749219	1599191	2038231	2427055	2424577
TAG 56:2	9341995	9551897	7793582	8520151	8083730	10100000	11700000	12100000
TAG 56:3	10700000	11800000	13400000	9073974	10400000	13800000	13500000	14500000
TAG 56:4	7364320	6248256	7968411	6148336	8519242	8873508	8257675	7173040
TAG 58:0	40948	48067	17327	40807	46122	23698	59085	39362
TAG 58:1	1640945	1806833	1409225	1584306	1581483	1622455	2501554	2062941
TAG 58:2	4754798	5261385	4301278	4437702	4887273	5092837	6863754	6184556
TAG 58:3	2703516	2831071	3047099	2447215	2899061	3388313	3679748	3946072
TAG 58:4	2721787	2556140	3134397	2143424	2981043	3709606	3722558	3508473
TAG 58:5	330999	331963	372718	235735	451994	306459	490828	499570
TAG 60:1	421052	562614	346455	496652	459687	518764	858509	566262
TAG 60:2	3460206	3978859	3055766	3399862	3303239	4019276	5518576	4654944
TAG 60:3	2941423	3614326	3920304	3154858	3510089	4604680	4916841	4407878
TAG 60:4	3039332	3239183	3700046	2563699	3783325	4848062	5119359	3576733
TAG 60:5	276723	334069	270020	223787	506595	334700	614365	422764
TAG 60:6	16134	23453	28313	9606	29137	12345	31666	27991
DAG 34:1	36442	50369	70021	44997	26815	29056	49222	104902
DAG 34:2	71288	99306	159222	61677	69435	77250	111132	207636
DAG 36:2	79105	79738	161118	67511	54139	105525	111910	219567

Rice Lipid Raw Data	GW486	GW487	GW488	GW489	GW490	GW491	GW492	GW494
DAG 36:3	99614	135495	277379	105940	68474	110744	113925	255110
DAG 36:4	144949	165343	264984	128055	134921	172085	158429	228652
DAG 36:5	17027	22736	29224	16109	24490	13705	20624	31384
Lyso-MGDG 16:0	404616	400835	322596	325105	258366	316604	393180	362757
Lyso-MGDG 18:0	21196	20453	13562	16189	23652	22900	26285	31142
Lyso-MGDG 18:1	15603	10485	24457	12231	7348	24542	4036	8032
Lyso-MGDG 18:2	63564	34684	62553	43092	30793	85026	18258	28191
Lyso-DGDG 16:0	103922	82126	49712	100956	30996	38864	26473	49179
Lyso-DGDG 18:1	31153	19623	28806	25819	7674	16866	9302	18443
Lyso-DGDG 18:2	121075	66912	94631	106460	32152	93927	35527	53603
Lyso-PC 16:0	4090219	4108667	5956009	3176433	3142713	4699528	3184976	3608529
Lyso-PC 16:3	80396	97893	94875	74962	34127	38420	56416	36306
Lyso-PC 18:0	288470	277564	307231	234511	305323	444924	228590	277898
Lyso-PC 18:1	590867	763708	1477905	499423	385564	1436503	525856	856033
Lyso-PC 18:2	1840423	2014099	2874915	1354337	1507308	3195696	1548932	2101679
Lyso-PC 18:3	853218	857104	1098913	694996	695711	920917	705512	786893
Lyso-PE 16:0	319616	314002	424188	281261	202707	361117	218945	332397
Lyso-PE 18:0	17420	22379	13487	15425	5384	7785	15110	7660
Lyso-PE 18:1	36124	42882	79104	35102	20214	70682	29837	55792
Lyso-PE 18:2	215784	211320	307465	152541	115692	292422	135914	237433
Lyso-PE 18:3	68262	66167	81831	60424	46086	70559	49181	68506
SQDG 32:0	59290	42699	47423	48110	74349	34689	71979	61291
SQDG 34:2	21784	17089	19071	16349	11250	13074	20120	14526
PG 32:0	60547	76607	45209	47550	38096	50178	36180	46709
PG 34:1	53249	39265	51982	72295	44665	39220	52657	56086
PG 34:2	70302	55574	54383	67489	47985	54160	65293	64306
PG 36:3	12009	7966	10698	14998	12766	8065	13066	15774
PS 36:0	71809	42321	66800	53175	48098	34267	43183	64536
PS 36:1	29105	17794	23725	21671	23565	16875	14519	28933
PS 38:0	659111	517348	623107	649895	477007	535751	610098	638899
PS 38:1	528638	372241	433619	537277	373043	457801	454717	559417
PS 38:2	13276	9011	9451	14075	4588	14089	6066	13869
PS 40:0	43601	28241	37074	39119	36096	32112	65795	43635
PS 40:1	521544	403809	512045	531030	475302	357032	543999	488402
PS 40:2	714420	555158	630206	700024	629897	560243	688388	674785
PS 40:3	344408	205121	242578	384636	268996	277954	338900	355045
PS 40:4	17112	9037	10868	20468	10689	15580	12650	19579
PI 34:1	152721	188270	216400	382713	279639	261696	289779	234397
PI 34:2	454847	560928	585038	749324	516181	616580	763598	583486
PI 34:3	15181	19952	17090	27359	9042	24822	22505	19776
PI 36:4	43261	39476	47043	64258	55584	42246	75002	58660

Rice Lipid Raw Data	GW495	GW497	GW498	GW500	GW501	GW502	GW504	GW505
DGDG 32:0	31066	23165	6379	32154	19759	37785	19712	18168
DGDG 34:1	25058	32937	9230	20425	13982	26167	16107	15807
DGDG 34:2	205530	216104	68291	133540	143512	178380	113150	110851
DGDG 36:2	23439	41747	11444	16472	15252	18071	24379	24557
DGDG 36:3	53026	56076	30835	37905	28235	37494	39342	38507
DGDG 36:4	111612	173743	109362	103155	116470	104593	101691	97652
DGDG 36:5	34302	60321	29662	32664	23846	23257	21743	20971
DGDG 36:6	36055	96559	11720	26733	14782	24428	10063	9365
MGDG 32:0	12353	12911	5973	15322	10629	16683	19234	16943
MGDG 34:0	19276	16822	8175	30401	11395	19058	53934	46482
MGDG 34:1	10599	21481	5895	20765	10666	24574	14846	15651
MGDG 34:2(1)	72491	80283	24304	104369	85193	82598	60550	64799
MGDG 34:2(2)	59420	84529	20591	56214	50424	55817	56765	55996
MGDG 36:3	34586	19315	33776	45795	33697	22753	34908	44791
MGDG 36:4	66639	78714	66314	89158	85440	59269	64796	70277
MGDG 36:5	39393	27286	14568	39528	21726	15654	19020	19731
MGDG 36:6	46704	53096	9160	43626	18884	16211	9880	8354
PC 32:0	174963	107810	186983	237193	195434	171333	192079	148450
PC 32:1	306608	150350	404316	199675	404192	208143	209511	202126
PC 32:2	162715	102083	292093	121404	288563	123062	103409	104874
PC 34:1	5192337	4277338	6050506	4848238	5152650	4768690	4923011	4756758
PC 34:2	3411419	3077689	5240271	2902225	3433891	2822361	2885383	2762185
PC 34:3(1)	46108	65443	67190	50362	60558	32630	47015	45253
PC 34:3(2)	29005	17948	31833	40775	33376	29782	32097	25071
PC 34:4	49244	23538	67066	32055	68334	34027	33162	33936
PC 36:1(1)	33914	49798	39933	34075	42228	36050	34749	35176
PC 36:1(2)	284900	259166	324119	230191	213481	190405	231797	209140
PC 36:2	4238205	4220253	4559319	3805630	4396584	4348547	4632417	4706136
PC 36:3	5918006	5790567	8012751	5244960	6415045	5689909	5929227	5749669
PC 36:4(1)	2452704	2473541	5008678	1939427	2730167	2137115	2218479	2064431
PC 36:4(2)	794956	733962	832183	803985	816202	775770	775282	749478
PC 36:5(1)	104753	145503	234561	151116	194022	86037	137037	127142
PC 36:5(2)	619770	555531	809348	534830	605335	513215	515457	499853
PC 38:2(1)	16313	12606	37982	13302	33023	15056	12438	9390
PC 38:2(2)	16313	12606	37982	13302	33023	15056	12438	9390
PC 38:3	21444	20375	47865	21249	31487	24426	26310	19869
PC 38:4(1)	15938	23116	18631	16292	18788	16907	16448	16854
PC 38:4(2)	51659	45907	59308	41651	38095	33620	41081	37921
PC38:5	653515	647638	704038	625458	671762	664226	633391	690004
PC38:6	816797	836098	881740	759940	846249	841564	840781	870117
PE 34:1	270852	225338	414202	379414	424226	204743	357386	278433
PE 34:2	457018	404533	760590	540276	656228	356404	433088	355762
PE 34:3	4700	8808	11886	8575	13024	2646	7722	6555
PE 36:2	121190	122493	189170	187570	305181	108705	222414	157166
PE 36:3	386779	288398	539313	455090	658352	309539	513163	424513
PE 36:4	501266	379580	761318	554745	630603	368399	393263	377802
PE 36:5(1)	9378	9425	21617	15539	20647	5666	11373	11309
PE 36:5(2)	87917	80012	131374	103584	118483	71126	85152	69299
TAG 48:0	2639073	2139497	1197178	2675775	2192274	3720943	2294071	2015690

Rice Lipid Raw Data	GW495	GW497	GW498	GW500	GW501	GW502	GW504	GW505
TAG 48:1	1761919	1364943	1664711	1526277	2178124	1864444	1661125	1471038
TAG 48:2	4398851	3125227	4393569	3058350	6010912	4700413	3524798	2940113
TAG 48:3 (1)	257309	181955	363222	209052	420889	260035	221377	202084
TAG 48:3 (2)	21934	59282	91058	49346	50479	30560	24878	21079
TAG 48:4(1)	81976	84434	156087	73001	114467	81168	70204	60449
TAG 48:4(2)	20181	28247	46568	22945	23035	23938	18033	14617
TAG 50:0	1141559	1141440	699124	1057262	797456	1330152	993669	877834
TAG 50:1	28700000	28300000	23100000	29300000	25500000	33200000	29200000	26800000
TAG 50:2	54300000	46900000	46500000	47800000	45200000	59400000	51100000	45500000
TAG 50:3	10400000	8185848	11800000	8458185	12400000	10900000	9944827	9231712
TAG 50:4	4389289	4031304	6110076	3091043	7664076	4972481	3810790	3229584
TAG 50:5 (1)	258594	193336	358516	209491	629766	278659	239992	195012
TAG 50:5 (2)	15141	45613	83492	25366	33874	16303	13975	14793
TAG 52:0	795664	777876	630666	723505	565283	801802	651604	568132
TAG 52:1	11900000	12900000	8121049	9374798	8317399	11700000	10800000	10100000
TAG 52:2	51000000	50900000	46400000	49300000	49100000	53500000	51700000	50400000
TAG 52:3	75400000	69400000	74600000	69800000	69400000	78000000	72800000	68500000
TAG 52:4	78700000	74900000	81100000	72200000	73400000	84500000	74000000	67000000
TAG 52:5	13400000	10800000	15000000	12600000	15000000	14400000	12900000	12700000
TAG 52:6	550204	530477	477815	488231	557003	534936	528286	525042
TAG 54:0	293541	297572	234903	280580	216131	306299	244367	215908
TAG 54:1	5706668	5650759	4413114	4504570	4187933	5808827	5070339	4510889
TAG 54:2	21900000	23700000	18200000	17000000	18200000	22600000	20500000	19000000
TAG 54:3	48000000	50400000	45900000	43300000	48800000	52600000	50100000	48200000
TAG 54:4	66000000	64400000	64700000	60600000	63400000	69400000	62700000	65700000
TAG 54:5	70000000	68600000	82800000	63200000	73100000	74300000	70600000	66600000
TAG 54:6	39300000	39100000	49400000	33800000	39300000	41700000	36100000	34500000
TAG 54:7	6058722	5337646	8947417	5649979	7513638	6302022	5544835	5569037
TAG 54:8	318280	297468	437391	351100	434332	340395	329981	336731
TAG 56:0	161746	132403	77332	170880	159611	215476	145984	122805
TAG 56:1	1956888	1919494	1465512	1644742	1455101	2115526	1707207	1558740
TAG 56:2	10300000	9348812	7832561	7548676	8552944	10300000	9340985	8353606
TAG 56:3	11600000	9920432	13100000	9955707	11000000	12500000	10600000	10300000
TAG 56:4	7789548	6744714	11600000	7090435	7183788	7208117	6662947	6504972
TAG 58:0	37316	30342	15649	37838	35991	51555	30546	26565
TAG 58:1	1794310	1368674	1190006	1640220	1494510	1927632	1554719	1367906
TAG 58:2	5269251	4306488	4506630	4497192	4838412	5798572	4583306	4311311
TAG 58:3	2862476	2515244	3541302	2804023	3021955	3143778	2733620	2622952
TAG 58:4	3059757	2659333	4273455	2460104	2637420	2957926	2641013	2475723
TAG 58:5	331882	296752	414233	304544	337736	322638	371080	338824
TAG 60:1	532089	392263	275088	433328	415851	639817	378864	349947
TAG 60:2	3759129	2959516	2460753	3237530	3346012	4175998	3387258	3073319
TAG 60:3	3433079	2587574	3723519	3436208	3785531	3886046	3095062	2909332
TAG 60:4	3520403	2686297	4510347	3055727	3642074	3460772	2963874	2652938
TAG 60:5	325298	231949	404496	337989	450814	318056	307528	285329
TAG 60:6	16511	12558	24345	18133	22497	18638	28649	26991
DAG 34:1	46173	26771	22914	70557	70338	50046	55873	65271
DAG 34:2	142158	66086	73101	151873	143133	127288	109225	91705
DAG 36:2	127973	87130	54727	113384	103461	118656	110745	89670

Rice Lipid Raw Data	GW495	GW497	GW498	GW500	GW501	GW502	GW504	GW505
DAG 36:3	156015	66337	131907	174734	264861	146607	131828	159517
DAG 36:4	201311	89448	205082	201481	281606	183243	150756	171238
DAG 36:5	23314	13058	23390	27413	46057	22630	22155	27226
Lyso-MGDG 16:0	257336	256569	345527	411342	271728	374284	275677	248221
Lyso-MGDG 18:0	7002	16081	14708	21310	6164	13524	15987	15402
Lyso-MGDG 18:1	7995	9135	7979	7515	7585	18947	8419	7310
Lyso-MGDG 18:2	55252	48314	41629	47953	68899	86215	37279	33737
Lyso-DGDG 16:0	64300	39588	28571	49462	55153	80853	50679	37416
Lyso-DGDG 18:1	12740	15383	13290	10195	10739	32271	15935	12659
Lyso-DGDG 18:2	75618	67504	71761	46731	94044	158900	59168	47246
Lyso-PC 16:0	4516186	2683918	6691179	5135626	4545044	4167998	3954363	2966791
Lyso-PC 16:3	59771	30585	169397	71471	139149	55045	53976	39769
Lyso-PC 18:0	187034	203043	370800	263713	123910	152637	301098	227472
Lyso-PC 18:1	522259	543677	1236168	571975	782622	660874	574688	464070
Lyso-PC 18:2	2405980	1543163	4519682	2674535	2825054	2755265	1919925	1270854
Lyso-PC 18:3	912545	594186	1132687	995056	934167	854661	826173	661758
Lyso-PE 16:0	262380	225294	398963	383904	292280	198335	294955	194823
Lyso-PE 18:0	7196	5474	24357	17164	27322	17872	8833	7833
Lyso-PE 18:1	25498	33149	49255	38551	52131	28623	34466	24551
Lyso-PE 18:2	228487	140266	357465	302171	287536	214720	174713	110823
Lyso-PE 18:3	56223	48972	79138	74116	62530	43096	62827	42107
SQDG 32:0	50592	52440	85806	43377	37982	39961	66590	43293
SQDG 34:2	17357	16569	27877	11861	14638	14438	12797	11677
PG 32:0	43565	62220	40769	30762	78451	55287	45219	40266
PG 34:1	72261	35815	57399	79488	56362	46806	30178	45345
PG 34:2	61913	50333	84993	96549	57558	54432	48275	46266
PG 36:3	20591	8139	17810	24197	11330	15456	6879	13681
PS 36:0	53613	49907	25455	62589	34203	64120	37956	38660
PS 36:1	20765	19360	14193	35367	14189	34601	15997	15055
PS 38:0	642393	589910	469898	647944	558378	561026	518161	540085
PS 38:1	481367	459601	393777	616604	421226	443061	403515	401761
PS 38:2	10429	6766	10660	11528	8019	10053	4490	7099
PS 40:0	34658	32241	31697	42215	25961	27112	24229	28773
PS 40:1	573208	470695	462642	464253	426879	490879	486851	511448
PS 40:2	720340	634718	621331	781001	580090	674671	656151	641796
PS 40:3	304691	269938	291457	524381	232265	308673	249779	261597
PS 40:4	15623	10116	14305	21934	11438	18122	8316	13029
PI 34:1	390096	172528	222239	371084	235145	268770	157798	275356
PI 34:2	703434	589825	773592	782644	539516	581412	535583	566251
PI 34:3	23202	18772	33446	21519	18578	17856	13034	18668
PI 36:4	71861	52946	78820	96763	47864	67523	50420	55973

Rice Lipid Raw Data	GW507	GW508	GW509	GW510	GW511	GW512	GW513	GW514
DGDG 32:0	25145	20175	12698	14375	9909	33913	12182	39038
DGDG 34:1	23625	21766	17366	9798	16774	17987	19078	28204
DGDG 34:2	139300	114670	98673	105687	89783	105462	108010	195069
DGDG 36:2	21489	22526	19240	24721	13409	19102	14006	45942
DGDG 36:3	44109	51796	50596	27952	49976	27900	50967	56791
DGDG 36:4	111392	70647	134746	86948	140178	60372	140375	163673
DGDG 36:5	45100	36080	50243	17571	43102	23888	51690	46530
DGDG 36:6	40552	40550	46325	10022	21632	21533	33000	35493
MGDG 32:0	12320	12118	10519	6769	3285	29451	5049	21825
MGDG 34:0	24604	18579	5558	32417	5653	85371	10632	42049
MGDG 34:1	24626	14118	6160	5434	19696	21200	22136	19339
MGDG 34:2(1)	58749	56153	22129	55239	37338	62305	35118	60829
MGDG 34:2(2)	46849	39422	31214	41331	28320	58441	25657	69774
MGDG 36:3	32139	29900	25992	43121	45958	24306	32764	33638
MGDG 36:4	95084	41275	97325	66137	74181	41506	56988	80011
MGDG 36:5	47544	31976	45767	14430	16831	15104	17045	38747
MGDG 36:6	42929	47205	47179	10643	13808	13149	15725	47751
PC 32:0	157917	121799	117739	244691	290839	249408	220998	130033
PC 32:1	229288	354200	428007	228757	403757	307737	270447	210931
PC 32:2	118449	198182	162690	168342	360580	174854	220032	106699
PC 34:1	5918798	5280603	5969043	5761136	6660765	5192739	5438429	5828056
PC 34:2	3143705	3319609	2748202	4055803	5979222	3122967	4976699	3200979
PC 34:3(1)	65847	69484	35990	61092	96385	67159	124405	83430
PC 34:3(2)	26776	20808	17038	41358	49712	42891	37931	19972
PC 34:4	36517	59914	70373	37024	67183	49920	45419	33115
PC 36:1(1)	51001	40692	58439	27870	48564	25231	36111	34937
PC 36:1(2)	200019	238892	425809	266831	325363	291141	212949	286108
PC 36:2	4942068	4192204	6062460	5632230	5886241	5257512	4512002	5143006
PC 36:3	6131539	6067431	6410212	7312753	9067417	6188347	7704553	6419893
PC 36:4(1)	2015791	2444201	2083782	3432637	5735060	2177816	4766588	2424591
PC 36:4(2)	848189	862023	867674	832547	885237	831837	883340	853856
PC 36:5(1)	133065	137637	133996	194061	448115	157034	394066	187276
PC 36:5(2)	570613	609538	498017	691635	878430	560871	794624	587293
PC 38:2(1)	13950	10656	9751	29412	43698	22004	25446	19970
PC 38:2(2)	13950	10656	9751	29412	43698	22004	25446	19970
PC 38:3	21168	22005	24011	33023	65092	27494	46568	30363
PC 38:4(1)	24480	18549	28037	12771	23726	11749	16498	15540
PC 38:4(2)	36084	42386	79385	45714	59608	52388	37414	52094
PC38:5	749032	674496	774089	772550	739698	705905	722674	748125
PC38:6	861209	813000	848301	921887	928958	846742	946105	887418
PE 34:1	338832	354988	528100	474881	527900	439126	441337	428555
PE 34:2	580542	606336	599989	607486	891161	483539	798226	592976
PE 34:3	8429	14005	6809	13443	12329	9826	20282	17351
PE 36:2	117107	158735	285076	299717	279268	309769	179692	243841
PE 36:3	386057	503583	529399	653087	686818	565385	551525	536449
PE 36:4	423550	535790	447382	596712	773471	411769	736307	562138
PE 36:5(1)	10117	13598	7939	17277	25465	15004	30440	20687
PE 36:5(2)	108845	117164	110760	115305	145057	96145	135485	113386
TAG 48:0	2695624	2476776	1853616	2286534	1328895	3111466	1065245	1977469

Rice Lipid Raw Data	GW507	GW508	GW509	GW510	GW511	GW512	GW513	GW514
TAG 48:1	1588195	2240709	2062615	1573267	2322016	2626185	1922226	1273011
TAG 48:2	3559408	5599927	4060503	3861065	5278048	5448950	4180443	2443714
TAG 48:3 (1)	272366	317764	302769	244804	383900	295423	307909	171148
TAG 48:3 (2)	48696	11590	57477	45603	78418	74275	46281	27106
TAG 48:4(1)	79210	96198	129407	84704	169954	100636	110684	60722
TAG 48:4(2)	41726	15085	26944	27602	48249	41782	29806	15140
TAG 50:0	994862	1091647	1074122	865271	607176	1406103	492069	991844
TAG 50:1	28300000	29400000	27200000	29800000	29000000	32800000	23700000	28000000
TAG 50:2	51500000	53000000	45200000	49700000	51100000	51700000	47200000	46900000
TAG 50:3	10500000	11900000	11400000	11100000	14100000	12000000	11200000	8886087
TAG 50:4	3922035	6561161	7152691	4931927	8103992	5728948	5308024	2737548
TAG 50:5 (1)	329513	432440	330758	278165	397072	276618	282513	179012
TAG 50:5 (2)	32200	11051	48330	27413	82575	34455	47019	23271
TAG 52:0	637254	674810	794451	553133	478693	815222	396142	703190
TAG 52:1	10500000	12500000	13900000	10100000	9746848	14000000	7952967	12100000
TAG 52:2	50200000	53200000	52000000	54200000	52800000	55200000	51200000	52200000
TAG 52:3	76500000	72300000	76400000	74800000	78400000	75300000	71400000	72800000
TAG 52:4	75900000	80600000	77100000	80100000	90800000	75800000	81900000	74400000
TAG 52:5	15900000	14200000	11600000	14900000	17000000	11900000	13800000	13400000
TAG 52:6	708672	626826	381072	579625	575475	484596	507837	590155
TAG 54:0	251568	252891	338139	237799	205033	298330	160878	290726
TAG 54:1	5201966	5577606	6752843	5003242	4845978	5691321	4042342	5991403
TAG 54:2	20400000	21600000	26700000	20400000	21300000	24200000	17600000	23400000
TAG 54:3	49600000	51600000	54000000	51300000	51300000	54000000	48900000	51900000
TAG 54:4	66700000	66700000	72200000	66700000	74600000	70100000	66500000	66300000
TAG 54:5	74800000	73600000	80900000	76700000	89800000	73700000	84300000	75100000
TAG 54:6	42200000	41800000	49600000	45300000	65000000	38500000	52400000	41400000
TAG 54:7	8076134	6943819	6611751	7764363	10800000	5163260	8466014	6948692
TAG 54:8	560535	411507	310689	426672	585352	264000	448592	440135
TAG 56:0	178779	177020	156141	158232	91460	200371	71699	151024
TAG 56:1	1922026	1848143	2161511	1853471	1567105	1875654	1293548	2263370
TAG 56:2	9742744	9875475	11200000	10400000	9028591	9529413	7411485	11300000
TAG 56:3	13300000	11800000	13300000	13100000	14900000	10900000	12300000	12600000
TAG 56:4	7796590	7683776	6246743	7904482	10800000	6032987	9186070	7607901
TAG 58:0	43206	36293	40486	31550	18222	51131	16182	38032
TAG 58:1	1866255	1853908	1830255	1768699	1556322	1959292	1399416	1946039
TAG 58:2	5369316	5088530	5291891	5771383	4914888	5228827	4232229	5598834
TAG 58:3	3372880	3116053	3169585	3362460	3862809	2590958	3084336	3569609
TAG 58:4	2930938	2928570	2853187	3414616	4172450	2475099	3166138	3325795
TAG 58:5	379093	398633	247520	418542	459969	295154	392731	444447
TAG 60:1	592543	485155	564445	491596	381062	610168	328522	580990
TAG 60:2	4035849	3968385	4575815	4207517	3315310	4202569	2942534	4609700
TAG 60:3	4271127	3861324	4036462	4236741	4697765	3383208	3960670	4046872
TAG 60:4	3937166	3751006	3522831	3883815	4914895	3051514	3983428	3611446
TAG 60:5	468604	417510	240513	435432	359637	278751	296448	419627
TAG 60:6	22575	30781	13535	24240	27497	17578	28515	36253
DAG 34:1	35305	49798	48425	59829	59989	44109	50791	66765
DAG 34:2	77727	119464	86377	128124	152571	75063	99227	129813
DAG 36:2	93044	117276	130374	123651	120277	93351	84751	143982

Rice Lipid Raw Data	GW507	GW508	GW509	GW510	GW511	GW512	GW513	GW514
DAG 36:3	100989	122350	143275	193501	288264	88261	208475	159541
DAG 36:4	104824	129231	157347	224071	330968	100799	272880	169827
DAG 36:5	19794	18221	15641	28765	35674	11502	28702	25429
Lyso-MGDG 16:0	214252	245750	235205	276612	325684	423466	332091	213385
Lyso-MGDG 18:0	15761	13563	10388	15430	12044	40027	12683	18407
Lyso-MGDG 18:1	13176	8934	10030	5204	15792	12651	21513	12480
Lyso-MGDG 18:2	37698	38815	40234	44384	52514	39505	64510	55484
Lyso-DGDG 16:0	32587	34381	41541	41630	35953	63378	52335	58627
Lyso-DGDG 18:1	19371	18588	24128	12666	20534	30119	29620	20250
Lyso-DGDG 18:2	50325	68023	93646	69713	87049	74829	122830	79274
Lyso-PC 16:0	3244718	4016137	4272832	4445645	7044252	5539309	6503533	3075916
Lyso-PC 16:3	29431	95554	138936	63684	179725	78902	137925	28741
Lyso-PC 18:0	209553	210024	243949	296151	281176	532950	298795	267138
Lyso-PC 18:1	673563	726978	1135033	554966	1854123	873081	1837418	604526
Lyso-PC 18:2	1676038	2354640	2655946	2307309	4269635	2010609	3333843	1812126
Lyso-PC 18:3	720339	840763	858785	884666	1160276	1002476	1126335	676310
Lyso-PE 16:0	205941	360059	412717	349084	531818	467456	518532	331986
Lyso-PE 18:0	2424	12970	20637	8788	30356	13988	23111	3573
Lyso-PE 18:1	31847	56481	72409	35284	86187	59017	93158	50442
Lyso-PE 18:2	123578	322810	335122	230944	401884	246475	389106	273077
Lyso-PE 18:3	43733	71562	79916	69468	97801	86043	98771	67403
SQDG 32:0	47466	61340	48375	52486	45399	42808	92173	51151
SQDG 34:2	8937	30321	19655	17450	12087	14434	16086	10701
PG 32:0	36641	65366	47996	34898	47298	48412	53786	42758
PG 34:1	41537	41390	40384	65792	59858	74716	57820	65699
PG 34:2	42480	53960	57205	62354	58907	94315	51275	91512
PG 36:3	11911	7562	9519	14578	20557	27950	14977	23787
PS 36:0	36738	39997	56346	65825	42176	65347	50805	45966
PS 36:1	14122	13204	23740	19983	20645	38017	20765	23211
PS 38:0	524061	626817	586974	635846	608868	656959	579786	570612
PS 38:1	362644	420013	452612	401989	491736	649216	423877	593729
PS 38:2	6693	11224	10919	4698	9900	17491	10586	21699
PS 40:0	27427	27457	28877	50473	31241	37495	37715	26860
PS 40:1	491361	482799	470043	575292	553273	563701	506899	478361
PS 40:2	625984	643597	633705	675333	716515	869028	637544	723932
PS 40:3	241729	243755	293361	241125	376005	610903	255101	515637
PS 40:4	12577	11457	12700	10405	18122	36125	15797	37128
PI 34:1	210046	191736	330231	313952	265056	374344	346718	360366
PI 34:2	440960	661661	977334	697162	439618	717072	623843	795875
PI 34:3	16800	23047	35763	16381	11521	18667	19709	29762
PI 36:4	40427	44608	86871	58089	52046	100500	61099	104681

Rice Lipid Raw Data	GW515	GW516	GW517	GW518	GW519	GW520	GW522	GW523
DGDG 32:0	25837	47349	64704	7956	9782	36631	40202	25216
DGDG 34:1	29327	72190	62683	11545	15494	15252	21993	16589
DGDG 34:2	180714	732436	453777	78317	127634	110218	137560	109713
DGDG 36:2	40761	140643	79233	14399	13559	11412	22657	26275
DGDG 36:3	43709	103705	65491	50262	42173	26884	36081	33747
DGDG 36:4	135997	461284	180187	148452	156744	106588	109878	93020
DGDG 36:5	52214	65479	27452	50318	41149	25857	42835	44057
DGDG 36:6	48223	56622	22747	27547	23309	9238	30927	47207
MGDG 32:0	15768	26472	41352	7853	7992	22313	20040	15919
MGDG 34:0	40345	28024	76964	3240	7475	41372	60728	42922
MGDG 34:1	12578	24070	46272	8668	6842	10264	15366	19524
MGDG 34:2(1)	49912	90361	147237	22734	30868	54964	63736	52398
MGDG 34:2(2)	63199	265007	269289	27646	62315	44299	47662	50246
MGDG 36:3	31510	59639	48186	34825	33848	45253	26092	24724
MGDG 36:4	88388	182395	101611	96694	83133	94631	89862	73588
MGDG 36:5	39852	37895	23234	40259	20707	25899	35262	35295
MGDG 36:6	62584	48751	29628	31973	14108	9941	36081	42980
PC 32:0	173759	149759	182291	81132	116377	206160	300438	122716
PC 32:1	320029	537014	312659	338502	259288	352033	415865	295578
PC 32:2	164904	390026	205098	196282	154859	258770	224172	177319
PC 34:1	7247100	6984945	5872553	5205541	5489545	6346679	7097359	5402479
PC 34:2	4403034	4942768	3850909	3468834	3970934	4938489	4283115	3267700
PC 34:3(1)	154203	39857	37741	40100	58581	53760	70695	65861
PC 34:3(2)	28667	25802	31102	9375	17481	35185	51259	19131
PC 34:4	52661	90161	52934	57321	44167	57586	69406	50234
PC 36:1(1)	45694	48086	27450	40292	44764	38703	34640	33341
PC 36:1(2)	344377	386629	237691	381511	228464	265679	342570	286310
PC 36:2	5884422	5557599	4679691	4981749	4406343	5051938	5676814	4350216
PC 36:3	7629741	8812514	6258961	6953628	7558331	7172895	7004333	6086975
PC 36:4(1)	3059996	4272859	2714655	3173429	3460633	3487815	2909898	2377065
PC 36:4(2)	913450	915739	869700	838239	850296	906882	895412	820052
PC 36:5(1)	314143	163789	103620	159967	197527	157307	145979	137354
PC 36:5(2)	744816	786744	679524	634187	707201	820732	710441	586867
PC 38:2(1)	24469	32546	22106	19681	23558	29555	15527	14761
PC 38:2(2)	24469	32546	22106	19681	23558	29555	15527	14761
PC 38:3	34427	38494	33170	35609	33375	35171	25503	20381
PC 38:4(1)	20108	23364	13437	18470	20551	17220	15841	15570
PC 38:4(2)	61319	70824	41557	70937	41600	48616	63279	49124
PC38:5	782899	743243	640579	706761	790119	685605	728123	673426
PC38:6	905539	962828	881672	868587	978639	902713	927082	874712
PE 34:1	654477	359781	331536	430244	393438	505871	533110	337176
PE 34:2	841100	667614	575194	668471	653759	807804	768883	549299
PE 34:3	38383	5095	4987	7466	9511	10977	9963	8071
PE 36:2	346614	150935	155359	213410	176374	330161	307699	153962
PE 36:3	712680	501022	488423	517875	496953	719645	628826	435630
PE 36:4	675133	612400	471549	563344	617171	740240	543664	419409
PE 36:5(1)	34983	7298	8427	11172	16262	17310	13414	10450
PE 36:5(2)	141751	109619	105417	118215	116738	139122	137827	105622
TAG 48:0	2464289	2752047	3795811	701730	1317106	3914156	4716518	2721066

Rice Lipid Raw Data	GW515	GW516	GW517	GW518	GW519	GW520	GW522	GW523
TAG 48:1	1927326	3049740	2136833	1227868	1826919	2237028	3340138	1995602
TAG 48:2	3687021	9516067	6110956	2297766	4203764	5779767	8810926	4986935
TAG 48:3 (1)	254517	510347	282280	244877	339572	367964	439008	282096
TAG 48:3 (2)	19246	30558	32515	65767	49434	27324	50271	51909
TAG 48:4(1)	74857	212497	95050	133025	130607	70254	126391	101095
TAG 48:4(2)	15447	35961	28193	32583	18315	16902	34502	28278
TAG 50:0	1227475	1073716	1462601	433386	514308	1378882	2117193	1325134
TAG 50:1	30600000	33700000	32300000	20300000	26300000	34600000	38200000	31000000
TAG 50:2	50600000	65900000	59800000	36700000	47400000	61400000	64200000	50300000
TAG 50:3	11400000	18100000	11800000	8740661	13000000	13500000	16700000	11200000
TAG 50:4	4452726	10400000	5495565	4784683	6953689	4696616	8129337	6493882
TAG 50:5 (1)	280957	466698	236402	219711	419831	369379	368516	344399
TAG 50:5 (2)	15931	27813	19266	81198	44420	12637	25283	37806
TAG 52:0	764580	690376	798983	379589	380574	804305	1192492	819741
TAG 52:1	13400000	12600000	12100000	10500000	9791818	13700000	17700000	13900000
TAG 52:2	55600000	56100000	54300000	48500000	52400000	54000000	56300000	52500000
TAG 52:3	76400000	78800000	75800000	73800000	78000000	77500000	83900000	76600000
TAG 52:4	78700000	99200000	86800000	77000000	87400000	82500000	91500000	81700000
TAG 52:5	16100000	18400000	13400000	11600000	16000000	16700000	15200000	13400000
TAG 52:6	862071	571592	451141	339055	551734	671984	537878	539135
TAG 54:0	303798	265389	309049	194851	156326	317534	457046	344374
TAG 54:1	6239243	5886603	5732747	5630338	4363000	6176665	8667528	6690725
TAG 54:2	24800000	24200000	22200000	23900000	20400000	23200000	28800000	24700000
TAG 54:3	52500000	50400000	49900000	51100000	54100000	53100000	54000000	52700000
TAG 54:4	73500000	70400000	65500000	71000000	71600000	66200000	74200000	69100000
TAG 54:5	77600000	90500000	73800000	81600000	91800000	71000000	84600000	76800000
TAG 54:6	44400000	65500000	41300000	56800000	64900000	36400000	48700000	44500000
TAG 54:7	8214159	8651567	5383791	9176903	10800000	5946015	6664243	7229898
TAG 54:8	667974	289333	222165	371273	518879	338551	301853	428700
TAG 56:0	179679	186216	225351	65613	75589	231691	295192	210643
TAG 56:1	2188704	2090199	1941446	1780712	1272732	2087798	3064658	2386817
TAG 56:2	11000000	11100000	9600083	9355227	8235665	10700000	14100000	11100000
TAG 56:3	12800000	14000000	11500000	13400000	12900000	12100000	15800000	11900000
TAG 56:4	7175436	12600000	7546808	9397770	9001304	7318273	7837941	7136689
TAG 58:0	42773	43295	55842	17558	15668	48690	76106	53025
TAG 58:1	1910526	2108212	1912295	1475703	1195559	1939581	2587052	2021349
TAG 58:2	5610230	6998251	5901638	4655748	4070258	5844716	7586653	5843613
TAG 58:3	3404636	4167362	2948242	3527444	2826757	3392675	3954997	3187666
TAG 58:4	3315674	5786052	2987807	3605772	3151224	3065591	4021540	3038638
TAG 58:5	509129	515240	316303	375560	368361	409948	430595	383630
TAG 60:1	573518	644190	589188	411307	319944	530821	877660	621975
TAG 60:2	4229974	4646699	4129965	3630969	2942805	4074918	5745388	4343802
TAG 60:3	3929829	5238986	3862902	4668665	3595176	3798891	4857028	3683113
TAG 60:4	3525025	7023928	4035417	4665456	3884764	3481169	4744596	3563447
TAG 60:5	462727	515672	315790	326885	281831	437884	386008	377435
TAG 60:6	47148	21578	18941	23239	26154	25819	26040	20905
DAG 34:1	108352	64910	31338	51025	78489	102008	80380	59052
DAG 34:2	220484	190866	64217	144078	225137	234049	205303	109195
DAG 36:2	208442	124366	59464	157526	183260	168473	188869	110565

Rice Lipid Raw Data	GW515	GW516	GW517	GW518	GW519	GW520	GW522	GW523
DAG 36:3	275929	291703	73164	253127	332876	220301	196997	132530
DAG 36:4	262307	430048	133119	328854	422966	228924	199156	166355
DAG 36:5	38489	30831	13701	27769	37398	34169	20866	21371
Lyso-MGDG 16:0	258059	365256	598591	112885	131918	319048	323326	228597
Lyso-MGDG 18:0	17970	22949	40735	8010	5308	22921	30445	27954
Lyso-MGDG 18:1	12186	21879	19637	10593	7526	4894	6363	8615
Lyso-MGDG 18:2	53957	97667	77863	49700	48963	31995	26731	25904
Lyso-DGDG 16:0	49792	156144	156854	19955	34139	34913	37546	26739
Lyso-DGDG 18:1	18907	18196	13847	14484	11697	9239	10829	10404
Lyso-DGDG 18:2	70521	96315	52299	63587	69897	47712	34855	30409
Lyso-PC 16:0	2824202	2507415	3471403	2204582	2750097	3126746	4682252	2368851
Lyso-PC 16:3	35757	18786	22592	39467	63299	56814	91055	42183
Lyso-PC 18:0	193264	205006	314477	173129	116246	183991	360228	215161
Lyso-PC 18:1	473401	485800	332867	879360	530398	398287	577088	449356
Lyso-PC 18:2	1228348	456648	400521	1996054	1676478	1498691	1865039	1242765
Lyso-PC 18:3	635870	561821	768673	488068	618705	694029	962911	531761
Lyso-PE 16:0	237585	135625	199301	162699	211086	246265	290425	172790
Lyso-PE 18:0	8126	10468	17822	7279	9289	13509	15724	8752
Lyso-PE 18:1	37630	20606	15231	51565	34740	31902	40579	28511
Lyso-PE 18:2	145973	31786	23154	211688	185555	195338	190418	116303
Lyso-PE 18:3	52037	30949	44368	35548	47172	52207	60742	39633
SQDG 32:0	47505	41056	66458	57509	25767	24875	58763	95757
SQDG 34:2	21656	25704	10670	20873	15434	12120	16576	22639
PG 32:0	58440	50704	64783	41621	24505	28871	65415	60222
PG 34:1	59023	68047	53725	48803	47778	53982	58787	57022
PG 34:2	60245	77259	72968	79035	47803	71821	71448	69539
PG 36:3	14472	14278	10865	10973	15850	17415	16870	12222
PS 36:0	37320	50446	75050	51140	55081	45741	55556	67174
PS 36:1	13179	20276	36108	22150	23915	21368	24859	26194
PS 38:0	609774	680221	664831	597755	572129	574177	645479	654282
PS 38:1	428323	510325	581195	515848	468664	505479	575396	540644
PS 38:2	14200	27129	6230	5261	6068	10006	8815	11348
PS 40:0	34316	42153	50156	32909	47088	30054	35218	42146
PS 40:1	510502	530722	521056	452748	522241	475690	508598	533219
PS 40:2	648071	714344	772135	636961	688739	709264	720779	689625
PS 40:3	267524	306969	420850	298002	350361	370060	385593	313220
PS 40:4	17777	28489	16923	8815	12437	17974	14554	13968
PI 34:1	306366	549268	222131	221884	255767	302346	376317	318457
PI 34:2	670790	1075751	551437	681677	530430	715370	741511	670482
PI 34:3	29203	69941	10563	15155	13579	22038	19495	13186
PI 36:4	58342	91638	53066	51127	68043	83713	84113	56314

Rice Lipid Raw Data	GW524	GW525	GW526	GW527	GW528	GW529	GW530	GW531
DGDG 32:0	39878	52221	41055	17674	59773	35371	25476	5750
DGDG 34:1	21384	31074	26489	17989	73788	43858	28788	7339
DGDG 34:2	169097	187337	207882	154074	439488	282590	132383	57691
DGDG 36:2	34628	40065	38161	23445	128054	23377	23637	13347
DGDG 36:3	44596	31773	37589	54847	102378	39090	31378	23250
DGDG 36:4	119041	84589	110149	188227	302821	130251	71677	66540
DGDG 36:5	45314	26607	28291	60533	72332	38152	34412	15659
DGDG 36:6	45388	23752	19563	46130	64639	39091	27713	5595
MGDG 32:0	14858	28945	27393	11220	21538	11192	14433	5954
MGDG 34:0	58354	75638	71116	3066	34048	28977	31408	14520
MGDG 34:1	16899	17168	16970	5343	36618	40220	23194	4086
MGDG 34:2(1)	81361	67335	83383	31496	85120	178177	61583	26268
MGDG 34:2(2)	59435	73175	106452	47939	103145	95778	50239	33227
MGDG 36:3	35354	23755	53503	45691	43935	30662	21243	35504
MGDG 36:4	80772	56076	81229	132912	151479	105443	59209	44241
MGDG 36:5	41958	22483	19157	53858	52841	35148	26792	7708
MGDG 36:6	53358	24683	15770	57159	62240	52205	38677	6750
PC 32:0	165121	184960	238959	136705	118458	135538	125402	151382
PC 32:1	210212	209394	338914	379510	250119	271595	200134	163205
PC 32:2	114261	127882	196966	308623	137694	106557	77637	118387
PC 34:1	6120075	4886256	7479599	6870149	6355070	4720087	4459727	3612627
PC 34:2	3401801	3405882	4441713	4573287	3565693	2573266	2354262	3149252
PC 34:3(1)	67055	72358	95959	62679	46114	37682	38479	80323
PC 34:3(2)	29211	31863	42769	22566	18164	20998	20624	24938
PC 34:4	34677	35087	56711	64730	43504	41758	30222	25255
PC 36:1(1)	33997	31846	34363	31641	56513	33203	20048	26898
PC 36:1(2)	253075	254739	362045	261999	302476	132067	146392	191833
PC 36:2	4822754	3822277	6122675	5125950	5988332	3538918	3523846	2863640
PC 36:3	6214795	5673777	7681148	7541727	6977039	4590544	4431189	4890349
PC 36:4(1)	2028694	2636803	3016415	3622028	2894610	1657187	1657371	3037782
PC 36:4(2)	876244	814714	962939	937705	894514	653084	686522	587310
PC 36:5(1)	116640	197550	205370	155445	131531	92440	86594	224394
PC 36:5(2)	602458	605570	766082	773650	630886	451149	429154	555086
PC 38:2(1)	7136	19426	19406	21866	9247	5028	10085	18754
PC 38:2(2)	7136	19426	19406	21866	9247	5028	10085	18754
PC 38:3	19991	26729	33143	35140	31981	17448	19143	20620
PC 38:4(1)	15077	14420	15791	14319	25558	15438	8882	11856
PC 38:4(2)	45511	46248	65983	47518	55764	23247	24757	32225
PC38:5	699512	610008	729390	775013	752495	506747	533929	452782
PC38:6	880208	804443	956359	910459	876450	653468	643879	693992
PE 34:1	424618	344548	611633	450336	390171	235667	266824	232996
PE 34:2	626426	520380	804658	850721	635741	378215	440533	409748
PE 34:3	11785	13091	18503	10410	6455	5247	6564	13821
PE 36:2	203244	208540	333211	196226	182639	88043	138007	114961
PE 36:3	495081	492233	660831	595614	473749	250667	388673	354634
PE 36:4	427027	432860	590235	731784	490352	285127	356370	373378
PE 36:5(1)	10436	15212	21321	13980	8485	5939	8021	17079
PE 36:5(2)	117022	103082	139166	137929	112049	75733	86722	81143
TAG 48:0	3435512	3839776	4265435	1705393	2757778	2114016	1912609	761695

Rice Lipid Raw Data	GW524	GW525	GW526	GW527	GW528	GW529	GW530	GW531
TAG 48:1	1440120	1829818	2487026	1802316	1600924	1281220	1131937	1017247
TAG 48:2	2937602	4629476	5618089	4738073	3519703	3207466	2578512	2311374
TAG 48:3 (1)	200682	289099	358612	274217	219937	208633	136762	222959
TAG 48:3 (2)	44263	37645	43936	29325	42287	39537	23034	73944
TAG 48:4(1)	55494	87048	114777	116122	85958	74246	42120	110521
TAG 48:4(2)	22389	20242	22492	17768	23861	22636	8883	31710
TAG 50:0	1445176	1642504	1657604	701805	1212715	776145	807172	444629
TAG 50:1	32100000	30500000	37200000	30900000	32700000	21200000	22600000	16500000
TAG 50:2	52400000	53800000	62200000	53000000	54300000	36200000	37000000	30300000
TAG 50:3	9684703	11100000	14500000	12400000	10300000	7678593	7090436	6902043
TAG 50:4	2749075	4688100	6474973	7350400	4614492	3957708	2491064	3543511
TAG 50:5 (1)	175425	312078	403317	320245	192792	240055	133877	201981
TAG 50:5 (2)	20459	20325	25440	33606	32928	17339	12806	73961
TAG 52:0	790451	934658	947948	479127	699174	424787	490350	310665
TAG 52:1	13500000	12600000	15400000	11100000	12000000	7540781	8352835	7809087
TAG 52:2	53100000	53700000	57100000	54200000	54400000	36200000	36800000	35200000
TAG 52:3	73700000	74700000	80200000	78200000	77900000	50400000	52800000	52800000
TAG 52:4	73100000	78900000	92600000	91400000	87000000	52600000	53800000	55500000
TAG 52:5	13200000	14400000	18400000	15900000	13300000	8779355	8526307	10100000
TAG 52:6	766379	590232	810737	529122	391031	309895	310498	402185
TAG 54:0	314531	361724	360569	206862	277979	164777	177192	116230
TAG 54:1	5721075	5770089	7146994	5096909	5233360	3114342	3725867	3601510
TAG 54:2	23900000	22800000	27400000	21500000	22100000	14600000	15800000	15100000
TAG 54:3	52200000	52700000	54700000	51300000	52600000	37700000	36400000	35400000
TAG 54:4	70700000	66600000	74500000	73700000	73100000	47900000	46900000	48700000
TAG 54:5	71400000	73000000	82400000	86900000	84700000	49200000	48500000	58400000
TAG 54:6	36600000	41500000	52100000	55900000	49900000	27500000	26500000	37000000
TAG 54:7	5738645	7129631	9627623	9215001	6028172	3823756	3710348	6363085
TAG 54:8	407644	434020	625417	428541	255387	197418	164334	377874
TAG 56:0	231834	247198	259208	129311	201228	115657	123822	45468
TAG 56:1	2111635	2019158	2411216	1914427	1897422	1094818	1335826	1026524
TAG 56:2	10600000	9913702	11700000	9713825	9688631	6112749	6542884	5435131
TAG 56:3	11800000	11400000	13700000	13300000	13200000	8367363	8060240	7573642
TAG 56:4	5598813	7812820	7851434	9571807	6915176	3975139	4589304	6340024
TAG 58:0	58410	68692	70902	26382	47228	25907	31157	10985
TAG 58:1	2003460	1859085	2304687	1757368	1686770	963301	1197199	782320
TAG 58:2	5921986	5765321	6570219	5749943	5692498	3244020	3581409	2701510
TAG 58:3	3205450	3059520	3483191	3951501	3316690	1795671	2115591	2008891
TAG 58:4	2462368	3011948	3468016	4074157	3103194	1552508	1852253	2332703
TAG 58:5	335381	409786	497243	418478	468165	231975	185165	267210
TAG 60:1	618548	607141	816920	450182	510511	266562	373646	190520
TAG 60:2	4504100	4126210	5179928	4028560	4272787	2423770	2641588	1659572
TAG 60:3	3997055	3720157	4349092	4800353	4039726	1997707	2472071	2210763
TAG 60:4	3267344	3512675	4123208	4950424	3952543	1777651	2071120	2577728
TAG 60:5	355038	400144	528814	409697	278242	159094	177530	242783
TAG 60:6	22721	22224	37271	16683	25243	11996	7181	23158
DAG 34:1	69035	57897	89024	53201	58588	38785	52901	36152
DAG 34:2	116897	137322	179903	136310	149007	81290	105450	98333
DAG 36:2	112459	108095	164999	114999	134076	84654	94273	77666

Rice Lipid Raw Data	GW524	GW525	GW526	GW527	GW528	GW529	GW530	GW531
DAG 36:3	191037	176523	213010	187927	191884	91428	87833	113534
DAG 36:4	163666	237415	251592	249636	222216	121799	106745	184816
DAG 36:5	26285	30591	36890	23435	17235	14540	13177	25681
Lyso-MGDG 16:0	280672	310947	318927	138354	196151	471316	350916	211334
Lyso-MGDG 18:0	34817	33137	27483	4863	25518	28718	17601	13381
Lyso-MGDG 18:1	6430	7547	9019	11406	23865	19820	10806	14978
Lyso-MGDG 18:2	31099	31443	47677	78791	93827	84367	21982	67273
Lyso-DGDG 16:0	44456	63375	57412	48160	113343	85012	45955	38713
Lyso-DGDG 18:1	9485	10979	14590	15738	36334	18113	8158	12385
Lyso-DGDG 18:2	37859	44830	58981	107182	165366	73665	22754	74703
Lyso-PC 16:0	3175908	3290032	3737992	3630348	3199324	4196407	2900170	4474152
Lyso-PC 16:3	19632	37377	45934	91662	26287	65374	21969	89485
Lyso-PC 18:0	302314	279978	319005	169920	337169	262443	189800	410488
Lyso-PC 18:1	428715	400740	521748	563565	543419	691352	478824	935156
Lyso-PC 18:2	1254466	1239917	1497682	2620717	2094461	2088854	1148518	2519919
Lyso-PC 18:3	714182	730612	798274	793461	711089	951802	682982	979604
Lyso-PE 16:0	252536	223728	304026	276818	215258	288831	197418	369580
Lyso-PE 18:0	2416	6679	9334	9942	3369	15368	6453	10116
Lyso-PE 18:1	25782	25241	36772	42539	31773	28770	26954	47463
Lyso-PE 18:2	127669	124786	177504	340066	188919	182403	125264	291437
Lyso-PE 18:3	53706	48164	62851	60335	46519	65062	47857	81530
SQDG 32:0	59431	85325	67039	58826	70406	63077	85788	51828
SQDG 34:2	21660	20932	19200	19781	18381	16555	32382	18153
PG 32:0	53715	57906	50355	60777	70910	55265	47787	37525
PG 34:1	42973	48311	50888	74210	53044	66311	47269	46478
PG 34:2	62709	66926	65204	76366	86558	83342	86005	59125
PG 36:3	10437	9409	14066	16593	15514	15985	8790	7949
PS 36:0	53410	39462	38993	57365	61815	61279	42489	33192
PS 36:1	23093	13616	17381	20965	30012	28566	16399	12511
PS 38:0	571551	635182	542418	677477	665058	754715	543640	540773
PS 38:1	437547	460696	438870	535279	528178	606256	386355	382783
PS 38:2	10465	10881	12159	15922	9166	15070	6601	6493
PS 40:0	38888	33503	31481	43243	35382	42296	23557	22568
PS 40:1	482773	492174	436110	568902	530160	623010	426166	427904
PS 40:2	636564	621001	624769	715125	733144	945773	535240	549952
PS 40:3	285014	238822	293279	336427	396249	486174	242936	227346
PS 40:4	13406	11138	18922	18532	14092	24312	9425	10875
PI 34:1	223632	257603	365210	430027	259002	260050	156476	276255
PI 34:2	758092	655982	878006	807463	797115	566418	496313	739513
PI 34:3	20725	22742	33164	29737	20868	17206	14434	19834
PI 36:4	68643	49464	96317	63659	88599	54271	31666	55031

Rice Lipid Raw Data	GW532	GW533	GW534	GW535	GW536	GW539	GW541	GW542
DGDG 32:0	7878	6223	9828	12001	9791	24063	8755	10193
DGDG 34:1	11277	16556	13146	17311	22645	12446	7931	7669
DGDG 34:2	65040	85170	106224	100177	94527	105493	56490	40683
DGDG 36:2	8022	26195	11319	23575	15202	16484	8509	7485
DGDG 36:3	31456	42725	26350	40928	51359	21401	20245	17290
DGDG 36:4	83384	95788	101244	98578	115752	83829	63077	43973
DGDG 36:5	36165	34330	34211	26749	57043	28957	20548	14122
DGDG 36:6	24580	31652	24580	14809	48196	22185	9705	6491
MGDG 32:0	4936	8542	9347	11543	7062	13132	12575	8425
MGDG 34:0	7341	20961	13579	24315	20515	21326	11397	27350
MGDG 34:1	8641	26872	10233	7660	17701	7541	4315	5516
MGDG 34:2(1)	22676	57380	40773	28478	21430	71097	35735	46743
MGDG 34:2(2)	21808	42714	43230	38647	25921	37427	22888	16596
MGDG 36:3	19008	30363	10946	55310	19160	12590	20129	20178
MGDG 36:4	46793	66906	47095	64706	55865	71830	52669	38646
MGDG 36:5	25257	23919	13763	14249	29966	32917	16424	13583
MGDG 36:6	26762	31786	16228	11785	33348	41468	13857	13224
PC 32:0	115680	112473	192928	120964	160457	165838	143858	247071
PC 32:1	249864	252740	348135	349164	317614	201687	351398	271407
PC 32:2	123281	110453	195106	188224	123512	104736	165453	128749
PC 34:1	4154483	4095536	4757051	4661024	5894699	4845627	4711255	5146636
PC 34:2	3040135	2307269	3633652	3137364	3575025	2750741	3131032	3390645
PC 34:3(1)	66555	37307	41715	43493	61477	40476	50646	64768
PC 34:3(2)	18777	18035	31737	18980	26382	27305	22012	41549
PC 34:4	38549	40355	58746	57614	50427	32029	58351	42486
PC 36:1(1)	19550	33989	38335	41683	30919	19813	17989	16734
PC 36:1(2)	154564	234887	245773	392744	271834	161081	168864	241014
PC 36:2	3255257	3367268	3477630	4155011	4975633	3706685	4002329	4159325
PC 36:3	5170608	4916519	5922949	5889304	6095676	4791797	4911790	5302660
PC 36:4(1)	2478852	2071649	3474294	2938347	2801788	1787624	2365893	2208589
PC 36:4(2)	656653	648106	680508	733981	774635	723112	682335	657801
PC 36:5(1)	181624	126247	170385	186821	186728	100830	140641	133393
PC 36:5(2)	536337	413859	605662	542655	599494	488273	538870	563914
PC 38:2(1)	10144	9347	18782	21822	10195	14789	16003	33627
PC 38:2(2)	10144	9347	18782	21822	10195	14789	16003	33627
PC 38:3	28118	19139	31994	26433	35012	20795	24127	29310
PC 38:4(1)	8800	16414	17697	19660	14449	9189	8269	7464
PC 38:4(2)	27013	42171	42784	67242	47012	28442	28913	40295
PC38:5	538872	530753	555941	583788	615233	544495	580261	568970
PC38:6	697344	705332	765459	731155	759875	694933	674421	708843
PE 34:1	252898	319716	327947	428300	392618	298880	310512	353725
PE 34:2	407559	486232	558537	572452	540180	421554	500529	449343
PE 34:3	12508	17653	8719	15951	9279	4907	10709	9813
PE 36:2	101082	157981	153503	215395	170685	153796	195690	232005
PE 36:3	321391	418808	433405	472539	424721	405407	426574	490272
PE 36:4	341636	367872	456816	459191	410757	357808	418902	402581
PE 36:5(1)	12651	9554	11162	11156	14253	6536	12275	13377
PE 36:5(2)	86421	92249	106403	105248	98472	84618	98975	89666
TAG 48:0	766648	716759	1123582	820410	1038157	2405700	1721633	2063295

Rice Lipid Raw Data	GW532	GW533	GW534	GW535	GW536	GW539	GW541	GW542
TAG 48:1	1470763	1616143	1846246	1880622	1975778	1286034	1628240	1390361
TAG 48:2	2808206	2322986	4607241	3754837	3016284	2908717	4138432	2866697
TAG 48:3 (1)	236598	223192	348124	345482	270243	173415	244851	197331
TAG 48:3 (2)	51627	38461	49784	29390	60112	41136	34084	34854
TAG 48:4(1)	95361	94885	152378	154222	103582	66091	77634	52879
TAG 48:4(2)	21880	20943	26996	20661	30769	17936	16841	19036
TAG 50:0	348322	438373	525339	511945	507181	866002	708682	819787
TAG 50:1	17300000	20800000	20500000	20200000	23100000	24600000	22400000	24800000
TAG 50:2	30400000	32300000	37400000	33900000	37000000	39300000	37700000	38400000
TAG 50:3	7988605	8385501	10600000	10700000	9431041	7772356	9434509	8956326
TAG 50:4	3970312	3918327	6827328	6626055	3904952	3538078	5236111	3247363
TAG 50:5 (1)	175900	209149	409560	453562	215111	158010	305188	254171
TAG 50:5 (2)	49282	42319	52253	38659	45214	31450	22401	27282
TAG 52:0	245714	339068	356878	379589	345010	527625	438969	518494
TAG 52:1	6163213	10200000	9132179	10700000	9607066	8318426	7968911	8914499
TAG 52:2	36200000	37600000	37700000	38400000	41400000	38400000	38500000	40300000
TAG 52:3	53900000	54800000	57000000	54200000	59400000	55600000	54000000	55700000
TAG 52:4	55900000	59700000	67500000	62500000	63200000	61300000	57800000	60500000
TAG 52:5	9202255	9452017	11400000	11300000	10500000	10100000	10500000	12200000
TAG 52:6	322500	374186	407488	425481	426259	362662	388862	661632
TAG 54:0	99882	140397	131347	155697	140668	183501	155814	198273
TAG 54:1	2897439	4942643	4187988	4894006	5175170	3899365	3652450	4508492
TAG 54:2	12800000	18300000	17300000	19400000	19100000	16000000	15500000	16900000
TAG 54:3	35200000	38100000	37100000	38300000	38900000	36900000	37400000	37500000
TAG 54:4	52100000	53000000	52800000	51300000	55800000	50500000	53000000	49500000
TAG 54:5	59400000	60500000	65300000	61600000	64300000	57600000	55800000	53600000
TAG 54:6	36400000	40700000	46400000	42700000	40600000	34300000	33000000	31900000
TAG 54:7	5989917	6191323	7698649	7888739	6571955	4939126	5434779	6259987
TAG 54:8	337659	279740	361714	372567	379970	225623	292520	479524
TAG 56:0	42623	53794	58598	60294	58348	136661	123579	144383
TAG 56:1	935945	1540707	1245242	1469171	1684406	1407871	1317741	1812263
TAG 56:2	5376595	7325930	6586632	7077792	8320405	7137008	6987664	8156250
TAG 56:3	8429968	10100000	9230112	8969439	12600000	8981746	9286839	10000000
TAG 56:4	6049412	6575828	7777827	6649388	6481773	5816872	5640894	5860997
TAG 58:0	8405	15928	16161	17191	13659	33978	26992	34469
TAG 58:1	954996	1276861	1169252	1188757	1575522	1383128	1298089	1653888
TAG 58:2	2878745	3561479	3623249	3592848	4118723	4271283	3973781	4536995
TAG 58:3	2145415	2550277	2463464	2509735	3045139	2374510	2365908	2512971
TAG 58:4	2050991	2477722	2887960	2885583	2818804	2405271	2217250	2382713
TAG 58:5	271598	240654	368965	273898	291802	257402	255195	382053
TAG 60:1	242761	423723	365075	376509	440408	428303	397696	522520
TAG 60:2	2013604	2709099	2623711	2703352	3107875	2977463	3193308	3422998
TAG 60:3	2707807	3248600	3020393	3152867	3811944	2873779	3096776	2973858
TAG 60:4	2573431	3196983	3746402	3643455	3176473	2945095	2829663	2742128
TAG 60:5	203262	250275	252572	307394	243235	269344	295239	387477
TAG 60:6	23161	8489	16212	11646	29088	14306	14686	25305
DAG 34:1	44440	49297	39019	71601	39012	83075	69086	90078
DAG 34:2	85331	97944	85059	153119	73570	165377	156699	172068
DAG 36:2	73329	112168	73117	123154	101973	124239	129762	128480

Rice Lipid Raw Data	GW532	GW533	GW534	GW535	GW536	GW539	GW541	GW542
DAG 36:3	130914	120861	109132	215544	124437	197780	173004	179271
DAG 36:4	185606	154151	196033	327508	125741	271901	210624	212292
DAG 36:5	19158	17445	17650	35167	14258	29693	26930	36330
Lyso-MGDG 16:0	197587	283048	324238	275656	284148	336156	274439	296519
Lyso-MGDG 18:0	6000	23983	14067	28805	13084	17099	12258	26207
Lyso-MGDG 18:1	13871	13742	13931	11679	20788	6788	8415	3123
Lyso-MGDG 18:2	36108	43949	62787	52395	34279	59938	43099	19668
Lyso-DGDG 16:0	30671	29745	48524	48012	29058	57869	34082	19082
Lyso-DGDG 18:1	14446	14889	19027	18251	20134	15178	13480	7122
Lyso-DGDG 18:2	60600	57685	120865	92182	48510	136652	65062	33035
Lyso-PC 16:0	3828756	2984644	5569129	3811464	3117841	4756290	4346961	4107649
Lyso-PC 16:3	100867	56300	155505	135344	62939	69333	123778	61379
Lyso-PC 18:0	180937	271522	296395	377839	183002	269710	216429	281632
Lyso-PC 18:1	991475	1028164	1141043	952315	1151934	574237	825655	749917
Lyso-PC 18:2	2033492	1740157	2999412	2602105	1559381	2986438	2744494	2833812
Lyso-PC 18:3	871821	703724	1116519	890660	733431	1030180	939433	893889
Lyso-PE 16:0	283852	268765	457926	447786	181850	396917	347297	253808
Lyso-PE 18:0	12076	11936	18951	17040	14584	11112	14470	8929
Lyso-PE 18:1	52958	72361	62072	72129	52537	36170	48960	35399
Lyso-PE 18:2	198109	199871	361668	398210	139125	401525	321371	252025
Lyso-PE 18:3	63321	61370	93301	94204	44045	84439	74516	56537
SQDG 32:0	24955	44274	48810	54683	66493	49527	54204	52255
SQDG 34:2	9788	10273	16652	17966	23831	19018	17304	13283
PG 32:0	19554	29466	30524	37829	36745	34414	50463	37806
PG 34:1	61014	49954	53608	55831	71077	81547	47803	55832
PG 34:2	72799	63542	51393	77238	78840	94215	58239	69228
PG 36:3	18453	11150	9708	15334	19273	9991	8273	14402
PS 36:0	27887	39298	37816	50537	52111	47433	33813	54988
PS 36:1	17970	18765	16704	30647	27774	14545	12430	25010
PS 38:0	475958	513229	523274	568891	578139	696481	608578	577303
PS 38:1	433094	446516	349784	505464	445444	440629	395375	457445
PS 38:2	13677	11117	5809	6673	7105	15798	6298	9144
PS 40:0	31103	26503	35632	37488	62977	46479	28375	27372
PS 40:1	382659	419119	439124	432928	486451	535940	478480	494923
PS 40:2	580697	585173	601645	662807	639455	587443	580862	612430
PS 40:3	395475	335696	262519	416557	371507	226676	238627	314141
PS 40:4	25105	20335	12453	17247	15422	12788	9290	16064
PI 34:1	232505	243262	369325	283040	486988	282079	181634	201059
PI 34:2	431035	471077	808352	763683	840753	756800	504466	522988
PI 34:3	15717	16413	25432	19648	23702	28890	12243	15750
PI 36:4	54605	38977	68964	94549	100474	27252	38124	50289

Rice Lipid Raw Data	GW544	GW545	GW547	GW548	GW549	GW550	GW551	GW552
DGDG 32:0	7111	20476	23154	21399	6840	9346	14804	13146
DGDG 34:1	9840	16762	14474	23118	9518	8524	10288	21331
DGDG 34:2	50940	134000	137399	202395	68644	54808	61240	203762
DGDG 36:2	14579	18028	30440	40329	14020	10164	8156	24598
DGDG 36:3	25554	23893	24747	30543	30273	24159	21646	34942
DGDG 36:4	81426	98218	85420	130526	88054	86975	67258	170779
DGDG 36:5	39853	30382	30405	34660	40945	43301	29918	46864
DGDG 36:6	21174	28050	33610	32075	36716	29940	25829	59027
MGDG 32:0	11170	21199	19394	21835	5007	10707	13465	8785
MGDG 34:0	13369	10538	50904	71489	15695	17658	18011	11377
MGDG 34:1	0	8096	10968	13951	9726	1972	7572	43639
MGDG 34:2(1)	23775	70600	59282	75962	41766	21659	48129	205163
MGDG 34:2(2)	26972	76608	69798	132130	21122	18117	25334	81728
MGDG 36:3	20455	21356	17965	16830	10624	13560	10002	21879
MGDG 36:4	68983	63874	60937	62790	50623	74119	73057	97866
MGDG 36:5	32769	19909	27677	26805	32562	41084	41328	30329
MGDG 36:6	33772	21877	46666	48260	46088	44079	47468	59069
PC 32:0	159745	118961	215727	140859	170665	191261	147254	112295
PC 32:1	231833	156792	478593	275438	358059	331044	351577	241263
PC 32:2	129289	92135	236053	182567	166468	160537	154456	158802
PC 34:1	4648260	4087027	4766174	4860148	4710592	6216010	5394892	4627860
PC 34:2	3230654	2546597	3235146	3888132	3270057	4502926	3275884	3309810
PC 34:3(1)	49706	66758	30869	44616	36581	72592	38346	58308
PC 34:3(2)	24904	19827	35892	23423	27292	30569	23353	17918
PC 34:4	37016	25490	78185	42896	56463	53202	58696	37823
PC 36:1(1)	27042	27956	22853	22079	30687	28963	23393	68071
PC 36:1(2)	177474	151700	186089	187729	313889	309611	202083	239655
PC 36:2	3334294	2920278	4061674	3655647	3718799	4535595	4418568	3349897
PC 36:3	5174098	4073297	5436958	6095635	5503702	6112574	5739046	5704474
PC 36:4(1)	2489468	1833880	2226939	3364935	2868925	3635157	2378212	3214799
PC 36:4(2)	648798	632879	670955	650711	651770	723136	670045	657795
PC 36:5(1)	139078	140137	86803	136729	144448	240613	124919	214505
PC 36:5(2)	548753	449621	557358	630517	542509	691571	552290	542006
PC 38:2(1)	12193	12935	17104	24559	16596	34420	14533	16754
PC 38:2(2)	12193	12935	17104	24559	16596	34420	14533	16754
PC 38:3	20796	12857	20869	36327	30346	37959	24244	24178
PC 38:4(1)	11798	12388	10279	9884	13487	13187	10489	29171
PC 38:4(2)	32170	25669	31318	32282	54296	54637	35093	38694
PC38:5	533720	482971	538148	498754	542109	580295	552825	513033
PC38:6	706404	622290	666556	737577	718705	729374	705693	737973
PE 34:1	359780	201800	257103	254220	301557	365701	288829	154765
PE 34:2	551247	328879	427363	497801	572012	626636	487802	393966
PE 34:3	12642	9608	3317	6089	5425	7705	5395	4739
PE 36:2	182140	95366	100923	138542	107860	219597	149367	55599
PE 36:3	503497	277485	333188	464724	376580	528763	433326	231161
PE 36:4	505724	303889	380934	508828	479851	570156	392682	355770
PE 36:5(1)	13600	11636	6273	11328	8007	15567	9310	7975
PE 36:5(2)	101121	65687	86253	94666	102492	112449	95139	78939
TAG 48:0	2016891	2890472	2950784	1794183	986517	3797186	2908636	1041820

Rice Lipid Raw Data	GW544	GW545	GW547	GW548	GW549	GW550	GW551	GW552
TAG 48:1	1595007	1482343	2569465	1515128	1688289	2181132	1886327	1043626
TAG 48:2	3398307	3493299	8279119	4893914	3427574	4538856	4833459	2717889
TAG 48:3 (1)	208783	204558	415789	263014	235616	271519	309229	257773
TAG 48:3 (2)	18303	46108	45747	21845	51301	31955	31962	69081
TAG 48:4(1)	59159	68994	142105	125988	104119	68249	94443	128288
TAG 48:4(2)	12857	34083	48610	37230	33206	19063	25373	51715
TAG 50:0	893084	1152045	1123971	690652	483789	1521181	1133183	544505
TAG 50:1	22900000	25900000	25200000	22100000	19300000	31300000	26700000	19800000
TAG 50:2	37400000	42400000	48200000	43600000	33800000	48200000	44500000	37900000
TAG 50:3	8211989	7982300	12600000	10100000	8471078	11700000	11000000	8981769
TAG 50:4	3670523	3449433	8295370	6347391	5194031	4390696	5022611	5287899
TAG 50:5 (1)	213248	197707	382549	306918	275397	334938	350627	374552
TAG 50:5 (2)	9251	24935	24248	19456	52237	28479	20302	75512
TAG 52:0	589055	713530	544428	403619	342793	961361	576958	393921
TAG 52:1	9796178	11400000	8725472	7981048	8741455	13900000	10600000	9881877
TAG 52:2	38500000	40000000	40700000	38200000	36700000	41500000	39800000	41800000
TAG 52:3	54800000	54000000	57600000	56900000	57200000	59600000	57700000	59900000
TAG 52:4	59800000	60500000	67700000	70700000	60600000	67900000	65800000	68100000
TAG 52:5	10000000	10100000	11800000	13400000	9022599	14000000	12300000	13600000
TAG 52:6	429100	435485	398358	517191	273065	637951	546786	643077
TAG 54:0	222941	260716	188728	149485	139806	378140	207135	158608
TAG 54:1	4909757	5195132	3410656	3508124	4327046	7604969	4813062	4710250
TAG 54:2	16800000	18900000	15500000	15700000	16500000	21500000	18200000	19100000
TAG 54:3	37200000	37400000	37500000	36500000	37700000	37700000	38500000	39400000
TAG 54:4	49800000	46000000	51600000	53000000	51700000	52800000	51800000	54700000
TAG 54:5	54100000	50500000	56000000	62900000	61500000	58900000	57700000	65900000
TAG 54:6	31900000	28700000	38200000	46600000	41000000	37800000	34100000	47400000
TAG 54:7	4686206	4284387	5284453	7822637	5680554	6220359	5487974	9201865
TAG 54:8	256681	240394	213908	414366	217336	290187	310962	517405
TAG 56:0	153943	162375	169054	111179	69983	250183	147190	65369
TAG 56:1	1888621	1785237	1136403	1175949	1347888	2873957	1688186	1458406
TAG 56:2	8604352	7755708	6197563	6227020	6846949	11300000	8216003	7593449
TAG 56:3	10200000	8119408	6946007	9161278	9534371	12700000	9845496	10200000
TAG 56:4	6855971	5756082	5069603	7756356	7252954	6995839	5685926	8195266
TAG 58:0	37724	40247	39941	28781	17774	60819	34883	15145
TAG 58:1	1582986	1500792	1252428	1215743	1221768	2387324	1378812	1100487
TAG 58:2	4630068	4036052	4054039	4355473	3497550	5976606	4433826	3750659
TAG 58:3	2787046	2182250	1863649	2583486	2393064	3386456	2628496	2646616
TAG 58:4	2861326	2389179	1893045	3204661	2534964	3417142	2639760	3625330
TAG 58:5	336731	288509	196354	371379	325937	436088	302056	344787
TAG 60:1	496510	435594	404739	391829	405036	789305	402507	337423
TAG 60:2	3238150	2563860	2833333	2840692	2537280	4238438	3101161	2527954
TAG 60:3	3052085	2384370	2584028	3249865	3166586	3697935	2779052	2966319
TAG 60:4	2919341	2482033	2939175	4292919	3086480	3684067	2725896	4021920
TAG 60:5	303999	255550	231878	397208	212706	456627	289316	377256
TAG 60:6	25700	12653	10053	18875	14507	23331	14561	14108
DAG 34:1	92417	61560	21002	28890	37654	115230	64790	44333
DAG 34:2	204116	146475	60109	58176	86879	202684	146338	130634
DAG 36:2	155796	110862	36275	43147	76973	142798	124787	110792

Rice Lipid Raw Data	GW544	GW545	GW547	GW548	GW549	GW550	GW551	GW552
DAG 36:3	192954	99654	49466	75387	119142	165622	128985	162638
DAG 36:4	222577	140851	135837	205153	192465	195139	159150	291687
DAG 36:5	29259	18151	12722	22818	16365	27191	19932	30755
Lyso-MGDG 16:0	203551	277946	672716	576722	329034	284570	357187	445561
Lyso-MGDG 18:0	13040	9127	40857	46507	17388	37458	21380	27529
Lyso-MGDG 18:1	3424	8965	3234	11402	7974	3992	5217	20754
Lyso-MGDG 18:2	21573	53271	16755	48948	39882	24843	24223	167048
Lyso-DGDG 16:0	16973	58048	42832	63121	30311	23932	33463	82320
Lyso-DGDG 18:1	3403	11507	3215	5463	15499	7229	9245	23837
Lyso-DGDG 18:2	16779	68816	14910	27586	68948	36373	36743	221088
Lyso-PC 16:0	3428338	3797744	4113051	1871791	6392345	4608683	4474804	4299101
Lyso-PC 16:3	66220	67808	43077	15083	142682	58484	83063	70402
Lyso-PC 18:0	230501	173909	398990	181720	508801	441343	206381	282031
Lyso-PC 18:1	543629	505500	457094	216644	1886863	1009939	665767	1031776
Lyso-PC 18:2	2177375	2398611	646588	339866	3249271	3131826	2612318	3152325
Lyso-PC 18:3	778431	851690	913115	429311	1180926	969276	963747	927601
Lyso-PE 16:0	303471	268674	193305	105971	432882	329076	232206	261074
Lyso-PE 18:0	6993	9128	22737	13340	18903	6604	13369	21336
Lyso-PE 18:1	34875	27673	11306	10640	70273	52510	25473	37110
Lyso-PE 18:2	225677	225480	25282	23750	253742	304359	178448	267501
Lyso-PE 18:3	67537	61036	45736	26098	89932	68434	53430	59155
SQDG 32:0	47611	33437	41563	55755	44989	37404	60440	63632
SQDG 34:2	8454	17827	18985	22241	22787	9309	6822	14688
PG 32:0	41884	48677	32147	46472	34928	39595	64778	53743
PG 34:1	52975	45517	44650	39264	40026	52326	64323	56853
PG 34:2	54328	56696	66831	66031	66143	77274	86160	72742
PG 36:3	11531	9068	10080	8200	11066	11508	13628	11411
PS 36:0	45802	41644	26333	71922	43145	58051	50489	55989
PS 36:1	20345	19477	13430	33743	27429	26354	22225	21694
PS 38:0	622704	573738	511537	603740	577156	590082	682735	644400
PS 38:1	479110	470045	396935	469927	544050	482719	552313	479737
PS 38:2	12016	8374	11508	4922	6790	6150	11078	5689
PS 40:0	38171	27695	26812	30531	31143	47242	47874	31011
PS 40:1	538101	441813	405080	473626	445758	465258	533052	540193
PS 40:2	657984	620880	524010	619836	666234	643446	699454	680512
PS 40:3	305565	326541	248127	290798	412102	363444	420384	313084
PS 40:4	15835	15687	16104	9888	15753	12949	23979	12905
PI 34:1	246257	377766	140205	161390	187683	200923	218654	182353
PI 34:2	421919	855273	407590	522419	587326	513406	631170	456309
PI 34:3	12363	29099	16995	11410	13245	12882	20957	13027
PI 36:4	39840	71851	31230	38741	63344	40099	63047	40261

Rice Lipid Raw Data	GW553	GW555	GW556	GW557	GW559	GW560	GW561	GW562
DGDG 32:0	19575	10058	15537	15904	24607	55469	15310	25640
DGDG 34:1	12497	13936	21582	28968	16584	31422	17347	20705
DGDG 34:2	103168	58180	117566	199070	124104	226115	104148	139662
DGDG 36:2	16146	12127	24161	50837	33907	52646	30231	32447
DGDG 36:3	18664	28812	37590	60146	21037	35788	35351	25026
DGDG 36:4	65516	60352	106721	168243	78620	98120	89841	80704
DGDG 36:5	23156	20423	32486	43585	31169	31653	30467	30006
DGDG 36:6	19073	21362	14094	36901	24377	24079	22164	36984
MGDG 32:0	17227	11779	11783	7537	16381	25153	10182	7248
MGDG 34:0	45979	11707	31319	16115	37827	63650	33512	36826
MGDG 34:1	11205	7235	9231	15473	8443	18937	13081	15638
MGDG 34:2(1)	75935	23057	65267	54551	70891	83638	61430	90579
MGDG 34:2(2)	52295	27476	49612	62825	75635	80249	38625	44965
MGDG 36:3	19253	14286	42250	34891	15641	19024	16752	16586
MGDG 36:4	55360	40109	84769	101079	62998	85823	56786	56294
MGDG 36:5	12906	18267	31305	37047	30674	41305	21725	24935
MGDG 36:6	21954	29233	20444	36363	33339	47592	19004	55902
PC 32:0	254465	97958	220290	135719	139873	160248	101757	138048
PC 32:1	191093	189847	293049	145875	137130	370399	158457	243393
PC 32:2	97418	95276	209809	47424	62235	145542	70185	119559
PC 34:1	5533275	4311024	4815075	5215961	3662439	4585010	3616433	4996573
PC 34:2	3833836	2270225	3737080	2552817	2226498	2888597	2144685	2933157
PC 34:3(1)	80141	35924	66348	86515	45860	27264	28257	76959
PC 34:3(2)	41716	14617	35146	21913	22703	25842	16176	20471
PC 34:4	29740	30377	45539	22440	20985	59262	24278	38197
PC 36:1(1)	22320	27830	37278	30458	23127	33582	25467	23855
PC 36:1(2)	189272	169632	257717	270159	121466	219493	145276	207365
PC 36:2	3662352	4357604	3015205	2820130	2464712	3209885	3454496	3478198
PC 36:3	5226149	5542890	5326142	3886466	3707212	4426682	4374863	4601011
PC 36:4(1)	2471567	2052845	3211548	1484356	1548774	1850257	1919587	1882256
PC 36:4(2)	705438	641925	678248	691939	578287	665756	577600	664231
PC 36:5(1)	182163	98464	163537	121363	85546	84036	91812	136415
PC 36:5(2)	628060	396214	598370	445356	399336	493415	377054	499578
PC 38:2(1)	19137	15226	33343	8542	11412	22501	16322	9805
PC 38:2(2)	19137	15226	33343	8542	11412	22501	16322	9805
PC 38:3	21313	23915	26820	11221	12768	15985	18925	18981
PC 38:4(1)	10174	13068	17694	13547	9916	14337	11188	11391
PC 38:4(2)	32547	28448	44327	47202	20423	38588	24453	34782
PC38:5	526837	584083	464036	485962	416720	445924	516933	499730
PC38:6	701255	705022	678953	579897	581358	600580	621217	635760
PE 34:1	327572	346397	363998	313273	223162	341479	275830	400010
PE 34:2	494155	417041	656998	485796	373482	614113	436543	625865
PE 34:3	12278	9077	17674	11427	6587	6278	6368	15379
PE 36:2	173690	242044	168101	106247	94977	169938	179512	201463
PE 36:3	431490	501333	515428	315191	328124	491858	456398	502567
PE 36:4	436121	369878	608842	326227	325679	451207	362685	482858
PE 36:5(1)	16548	10327	16742	8617	9068	8602	8900	17405
PE 36:5(2)	97474	81855	110154	86384	76697	112156	82153	112765
TAG 48:0	3122364	1803320	1715841	601895	2015402	3685255	1743615	1922990

Rice Lipid Raw Data	GW553	GW555	GW556	GW557	GW559	GW560	GW561	GW562
TAG 48:1	1305067	1777738	1855051	1048155	1045786	2140665	1256673	1223986
TAG 48:2	2734326	3156003	4375908	1659269	2473148	5550958	2201515	3478040
TAG 48:3 (1)	146240	197346	289109	193541	169646	266182	133127	235083
TAG 48:3 (2)	31103	10721	36943	49099	24693	28482	10718	40611
TAG 48:4(1)	52888	64101	114750	107550	58375	71626	47046	77591
TAG 48:4(2)	18382	8086	24442	23037	14161	16068	6951	23485
TAG 50:0	1080508	792885	802093	390567	928571	1694841	907301	932014
TAG 50:1	26800000	25900000	24300000	14500000	21100000	26200000	21800000	22300000
TAG 50:2	43800000	38500000	42800000	23100000	36600000	42900000	35100000	39100000
TAG 50:3	7915047	7928447	10300000	6020508	7281551	9591210	6711745	8931069
TAG 50:4	2786695	3293146	5456227	3573831	2639612	5040426	2415344	4196195
TAG 50:5 (1)	151708	187028	353166	174785	175593	242169	112488	271701
TAG 50:5 (2)	20574	8216	31618	56870	12598	12207	8538	22091
TAG 52:0	606600	505656	543095	337346	531187	915879	555807	555686
TAG 52:1	9470292	10900000	10400000	7888571	8466683	12200000	10200000	9776380
TAG 52:2	41000000	40000000	39300000	35200000	37600000	39700000	38200000	37500000
TAG 52:3	56900000	55500000	56000000	52900000	51300000	55600000	55600000	58300000
TAG 52:4	65300000	59900000	66800000	59000000	57400000	60200000	53300000	59500000
TAG 52:5	10800000	9368451	13400000	8799107	10000000	9395067	8221929	12300000
TAG 52:6	396164	406363	519110	289392	414503	262814	277269	669981
TAG 54:0	207187	191406	200103	160811	194169	347506	205376	203273
TAG 54:1	4631475	4752107	4920378	4407242	3900174	5419837	4947582	4827211
TAG 54:2	16600000	18000000	17800000	17200000	15000000	18600000	17700000	19300000
TAG 54:3	36600000	38100000	38100000	38500000	38200000	35500000	38100000	37500000
TAG 54:4	50500000	50100000	51400000	53700000	46700000	48500000	49200000	50200000
TAG 54:5	53100000	55000000	60600000	62100000	47700000	53900000	50800000	56900000
TAG 54:6	32100000	31500000	41800000	46800000	27800000	29200000	28000000	34000000
TAG 54:7	4868350	4475905	7348004	6773166	4468993	3594715	4165171	6284249
TAG 54:8	232412	246297	426011	316259	256328	133045	197686	469783
TAG 56:0	161143	119242	119126	40012	129655	209024	126197	139520
TAG 56:1	1498025	1555544	1709457	1409671	1363041	1918749	1792632	1827278
TAG 56:2	6986898	7437488	7610031	7038865	6875117	8374386	8325682	8924069
TAG 56:3	8043027	8292974	10200000	9760295	7975007	8953342	9269189	10100000
TAG 56:4	5557598	4979518	8364992	6774311	5438784	6063158	5447174	6164016
TAG 58:0	31413	30014	31221	11960	30400	55349	31325	35621
TAG 58:1	1389387	1431236	1498516	1116740	1182259	1457120	1429098	1582209
TAG 58:2	3726264	3862536	4525429	3426765	3811298	4326881	4050564	4914780
TAG 58:3	1964753	2199337	2862976	2512182	2131921	2336795	2475599	2712458
TAG 58:4	1936753	2134810	3090860	2591497	2136953	2407654	2314410	2677423
TAG 58:5	216955	231188	386933	239554	274696	210444	251385	364246
TAG 60:1	387872	545640	473763	332014	336475	437164	414255	501693
TAG 60:2	2389039	3146982	2981566	2553663	2504804	2886695	2982768	3745094
TAG 60:3	2288518	2753317	3352029	3117429	2362367	2733764	2835335	3335060
TAG 60:4	2207533	2579493	3850944	3106961	2331483	2614931	2516602	3450294
TAG 60:5	204058	228382	412966	240449	292742	195574	223663	388519
TAG 60:6	16633	15650	20012	9258	14810	7602	9700	25271
DAG 34:1	65842	76354	60418	38422	22896	61562	69119	44807
DAG 34:2	134015	137583	167074	78844	52782	145434	147282	102258
DAG 36:2	89585	123478	95277	84886	50006	109042	121658	94623

Rice Lipid Raw Data	GW553	GW555	GW556	GW557	GW559	GW560	GW561	GW562
DAG 36:3	124442	147120	126576	162917	35098	126830	145447	151274
DAG 36:4	156447	168453	212824	249698	56140	150308	159485	197891
DAG 36:5	18756	20569	27311	24811	10022	14524	19368	26338
Lyso-MGDG 16:0	417536	248307	347447	186973	215428	430928	284072	369257
Lyso-MGDG 18:0	36597	23784	31500	13647	15677	31798	29560	18310
Lyso-MGDG 18:1	10182	5238	5277	29267	8911	9913	5642	14535
Lyso-MGDG 18:2	53036	20931	34191	105106	45845	54795	27923	73926
Lyso-DGDG 16:0	51708	26069	28965	60111	38036	84412	42460	72669
Lyso-DGDG 18:1	14788	12880	7130	28456	7502	15723	12688	20520
Lyso-DGDG 18:2	58505	47413	40416	128189	34771	71664	54228	93407
Lyso-PC 16:0	4989997	3065351	4821404	3317458	3506478	4123375	2550957	4956413
Lyso-PC 16:3	38753	54158	86063	41277	28154	88514	29871	66357
Lyso-PC 18:0	417825	235315	418974	302963	343704	315115	221504	339036
Lyso-PC 18:1	823443	973287	863441	826972	397465	504583	517136	639017
Lyso-PC 18:2	2475535	2156510	2922196	1775988	1662093	1776931	1435418	2710249
Lyso-PC 18:3	1036789	712487	1011157	747245	799317	896639	581132	1007261
Lyso-PE 16:0	454272	339143	413399	283485	256540	382742	223913	388717
Lyso-PE 18:0	7311	9082	13254	4569	3299	16688	6251	9888
Lyso-PE 18:1	53371	68336	50150	46116	21699	39347	38164	38328
Lyso-PE 18:2	298569	249816	362244	219504	169182	249500	157059	296266
Lyso-PE 18:3	92141	73730	86467	62958	56589	82013	50839	81867
SQDG 32:0	51418	49095	65990	36381	47987	41929	96904	36326
SQDG 34:2	32850	14460	19603	14078	33494	12271	29654	15400
PG 32:0	37970	53404	36768	73929	37180	46895	69944	46454
PG 34:1	41896	57841	50390	47607	58442	31761	35177	44051
PG 34:2	91275	75552	48504	64629	76941	47290	53019	54003
PG 36:3	13766	12588	15510	10948	7380	6532	6260	13537
PS 36:0	41261	33151	34073	46425	25615	23950	59601	28936
PS 36:1	20965	15457	15160	27974	7179	10140	22411	11221
PS 38:0	565495	624104	534885	571328	622548	456947	557052	462743
PS 38:1	455651	537682	367582	536859	397432	350029	423281	344552
PS 38:2	10618	13834	5862	10917	15851	7819	4265	4224
PS 40:0	39123	30491	28402	40712	43407	21317	38078	26336
PS 40:1	423372	465809	555807	386623	405846	338345	423237	469989
PS 40:2	650679	614460	659546	664103	527958	474972	583091	583395
PS 40:3	407397	317003	257398	399553	210864	222589	257741	244342
PS 40:4	19022	19067	11665	19279	12327	8741	8228	10533
PI 34:1	133708	192363	390469	343696	256407	136555	442870	299804
PI 34:2	525492	481626	764853	763240	660813	386794	1035559	758594
PI 34:3	17816	15130	24733	23965	32568	12878	23699	18342
PI 36:4	57030	42024	81154	78118	22571	26967	78169	89154

Rice Lipid Raw Data	GW563	GW564	GW565	GW566	GW567	GW568	GW569	GW570
DGDG 32:0	12815	15713	48215	13022	7263	35941	49725	10997
DGDG 34:1	10036	14127	23462	9942	8106	31625	19985	12696
DGDG 34:2	87912	91137	164894	82946	58134	222903	154316	86690
DGDG 36:2	14846	10689	27337	10713	8253	21480	22493	16021
DGDG 36:3	28601	34656	31557	35197	26916	46186	32024	39920
DGDG 36:4	89097	80996	97360	63973	71355	117371	87123	98728
DGDG 36:5	28444	34405	32367	22516	24171	33550	32205	35843
DGDG 36:6	20222	24218	23229	13490	19841	31712	21645	28993
MGDG 32:0	10533	11535	22591	9387	5756	12882	26838	11537
MGDG 34:0	14407	17043	44824	16283	7592	18195	59036	9649
MGDG 34:1	6411	8041	23797	5860	2477	18606	10242	8037
MGDG 34:2(1)	55593	55591	79039	55132	27549	83102	82101	48268
MGDG 34:2(2)	38283	40582	60650	29139	15886	58694	68330	36076
MGDG 36:3	31097	44059	23345	20378	13012	27326	24506	28280
MGDG 36:4	78338	71763	61215	36574	37749	71975	73072	61192
MGDG 36:5	34659	33768	25510	16335	13416	26934	28362	22137
MGDG 36:6	43360	45625	27083	16649	21076	30824	20827	27688
PC 32:0	120119	208951	135423	121543	220143	81952	152632	110204
PC 32:1	181358	337628	295990	263653	344229	286719	248059	208196
PC 32:2	104111	139110	112576	146991	159199	95989	106066	155320
PC 34:1	4682091	6328377	4475799	4180718	5455441	4380115	4070660	3826286
PC 34:2	2952430	3496414	2492662	2585940	2997222	2224726	2173666	2939421
PC 34:3(1)	48578	94298	32212	43812	80566	34371	25746	55422
PC 34:3(2)	15625	33185	20524	16490	34883	11289	24080	16051
PC 34:4	28163	53513	46685	41325	54174	46369	40039	31472
PC 36:1(1)	24150	24982	25042	22330	21960	22438	23454	22730
PC 36:1(2)	162131	275745	203645	112681	306576	123067	125872	188633
PC 36:2	3806749	5697048	4022900	3569462	4890659	3906018	3430422	2532314
PC 36:3	5440061	6621824	4797927	4920375	5688293	4710766	4293195	4368080
PC 36:4(1)	2352478	2531797	1952348	2144429	2164409	1699791	1482908	2654107
PC 36:4(2)	670302	680299	643676	633850	678703	644573	613550	580615
PC 36:5(1)	109715	177123	90376	138594	181105	86596	82050	155934
PC 36:5(2)	501771	565838	428373	447562	492015	383273	372228	492888
PC 38:2(1)	18845	19684	15271	22832	21982	6675	5477	28318
PC 38:2(2)	18845	19684	15271	22832	21982	6675	5477	28318
PC 38:3	19393	27311	28326	28393	25348	15207	12783	22126
PC 38:4(1)	11786	10966	10906	9437	10404	9748	10645	10114
PC 38:4(2)	27372	47651	35300	19491	54122	20136	20649	31493
PC38:5	535958	588960	480050	515905	561537	535851	461284	416118
PC38:6	690828	700935	635646	656662	663436	622954	601758	624063
PE 34:1	370661	501313	297980	318423	391170	254263	280859	249122
PE 34:2	566346	522061	448158	523687	436872	459727	477456	496291
PE 34:3	10219	17980	4952	9356	12020	4851	3985	8959
PE 36:2	190223	314681	176415	192134	265467	113009	115537	107854
PE 36:3	456968	576561	435923	484794	515226	325583	333520	390736
PE 36:4	478324	477497	372100	457921	369629	344958	364939	544048
PE 36:5(1)	11381	21982	7264	14850	14777	6755	7586	15344
PE 36:5(2)	103141	98311	86366	101372	84907	90046	92494	93212
TAG 48:0	1812004	2126905	2835219	1577931	1877595	3023956	2663321	1232382

Rice Lipid Raw Data	GW563	GW564	GW565	GW566	GW567	GW568	GW569	GW570
TAG 48:1	1103878	1733061	1977599	1331924	2066682	1893378	1570810	1318422
TAG 48:2	2321778	3447659	4960326	3318305	3719361	5086242	4502814	3313390
TAG 48:3 (1)	149588	220019	301347	229991	281057	287957	246435	252094
TAG 48:3 (2)	44758	53340	52878	42084	40564	33287	28475	50444
TAG 48:4(1)	55085	78051	98448	71023	77854	97643	70662	120209
TAG 48:4(2)	18964	18563	27918	24806	15558	23546	23533	33802
TAG 50:0	709668	889114	1320566	560688	939168	1086414	1020137	597888
TAG 50:1	22600000	24100000	25200000	21100000	22900000	26300000	24900000	19600000
TAG 50:2	37000000	37200000	40500000	38100000	36500000	43700000	40700000	36400000
TAG 50:3	7274343	8998900	11000000	8680673	10200000	11100000	9321525	8732207
TAG 50:4	3122750	4344865	5466043	4272038	4547684	6364750	4207579	5076036
TAG 50:5 (1)	159100	212588	263571	329639	311249	330671	267147	291108
TAG 50:5 (2)	41942	38724	28306	26850	25052	19019	15044	56036
TAG 52:0	467660	489126	771881	386357	631359	648637	584372	424882
TAG 52:1	8314539	9787012	10400000	6025063	10600000	10500000	8903882	8349204
TAG 52:2	40100000	40300000	37600000	37400000	40000000	40800000	38300000	36500000
TAG 52:3	56600000	54800000	55800000	52900000	56300000	56100000	56000000	53100000
TAG 52:4	59800000	59600000	65400000	57400000	57000000	66000000	60400000	61800000
TAG 52:5	10600000	10500000	11100000	12300000	11500000	12000000	10800000	12700000
TAG 52:6	352149	461218	361317	537639	515300	435529	442772	513132
TAG 54:0	170652	181300	284865	145167	241414	250307	207326	165829
TAG 54:1	4313254	4632673	5655803	3049610	5183895	5148577	4238238	4062173
TAG 54:2	16500000	18700000	19000000	12800000	19300000	18700000	15800000	15500000
TAG 54:3	37600000	39200000	38700000	35400000	38400000	38600000	36900000	34000000
TAG 54:4	51300000	52800000	53700000	47900000	51400000	52700000	47600000	48400000
TAG 54:5	56600000	58900000	58200000	55600000	56300000	59900000	53000000	60300000
TAG 54:6	35500000	32500000	34500000	32900000	34400000	38400000	29600000	42100000
TAG 54:7	5606533	5516063	5327430	6719330	6226904	5609134	4857574	7535787
TAG 54:8	249223	366744	233208	432910	392778	274759	286639	418115
TAG 56:0	113600	116070	199107	109710	135198	185696	156933	97271
TAG 56:1	1649371	1630029	2149890	1110863	1905326	1951257	1542717	1489951
TAG 56:2	8472917	8788993	10300000	6168157	9261013	9026710	7402917	6979435
TAG 56:3	10800000	10400000	12800000	8681077	10200000	10500000	8759080	9688467
TAG 56:4	6190845	4644388	6534473	5534051	5412378	5146203	5561157	8663826
TAG 58:0	25418	24296	54540	22108	33534	44117	33707	24866
TAG 58:1	1346634	1313481	1922781	1096681	1612143	1785052	1350991	1323396
TAG 58:2	4366945	4281072	5535214	3553822	4600161	5010751	4151115	4204312
TAG 58:3	2710660	2616977	3229596	2298027	2796757	2757360	2402964	2891245
TAG 58:4	2719128	2345090	3198535	2182696	2664854	2667386	2276105	3431275
TAG 58:5	273515	281492	321084	306922	368574	300290	289033	390994
TAG 60:1	401693	368715	660689	317945	480218	598115	362825	413907
TAG 60:2	3328111	3152138	4350197	2532297	3572787	3976230	2865520	2830118
TAG 60:3	3162830	2966135	3915172	2741104	3181542	3294904	2682040	3409973
TAG 60:4	3117105	2560067	3628431	2649000	2860194	3218952	2571066	4142997
TAG 60:5	270204	248474	323587	373724	358766	307402	274091	437026
TAG 60:6	14496	24157	15399	16252	19866	15505	14105	20680
DAG 34:1	72144	96683	53712	38037	71621	47385	36659	68840
DAG 34:2	143576	164740	106005	93440	103901	88012	90120	165500
DAG 36:2	115032	143757	102545	61922	77989	98797	73236	109704

Rice Lipid Raw Data	GW563	GW564	GW565	GW566	GW567	GW568	GW569	GW570
DAG 36:3	192074	280783	178673	92252	243933	112014	87571	214310
DAG 36:4	260317	242830	210560	146562	271538	144184	111216	350354
DAG 36:5	26986	34754	22378	22767	42226	16549	17407	41370
Lyso-MGDG 16:0	270485	248422	295371	287141	272544	364971	369157	246759
Lyso-MGDG 18:0	13215	5216	19966	17716	10775	11484	25771	12956
Lyso-MGDG 18:1	13622	9716	12187	4672	7347	17149	6630	14793
Lyso-MGDG 18:2	77481	47404	44612	34694	42151	78301	42014	81474
Lyso-DGDG 16:0	63487	37626	62932	42728	36303	116625	54211	55883
Lyso-DGDG 18:1	19046	9545	20983	12275	12685	27263	8300	17498
Lyso-DGDG 18:2	109177	43195	75332	75200	79667	126840	38413	137413
Lyso-PC 16:0	4563722	3811703	3015070	5518491	5975361	4456174	4145684	3987906
Lyso-PC 16:3	54170	91006	42181	117575	147434	99764	71679	85594
Lyso-PC 18:0	268979	135077	179998	287564	241581	154532	317985	206968
Lyso-PC 18:1	675975	738616	475374	911246	1275773	702488	476585	669264
Lyso-PC 18:2	2882531	1997813	1411509	3418219	4748449	2661372	1849006	3787385
Lyso-PC 18:3	942182	834036	684439	1051673	1117892	926351	885499	872620
Lyso-PE 16:0	419929	274073	202377	521091	416712	310241	397027	262661
Lyso-PE 18:0	7120	13608	7857	8978	16452	14635	12657	13789
Lyso-PE 18:1	42861	47092	26961	56412	55479	38490	33593	31334
Lyso-PE 18:2	349485	237922	156474	449355	362600	296159	254033	319615
Lyso-PE 18:3	88403	60219	46843	100802	85737	65831	85377	57102
SQDG 32:0	50691	31966	49324	58726	36288	44918	55279	72388
SQDG 34:2	23321	17971	18178	24534	11910	10377	19939	24371
PG 32:0	46821	54031	53418	50152	48890	34054	53506	85213
PG 34:1	40470	53232	72893	36130	43624	65864	34149	35391
PG 34:2	70098	64876	63081	51843	53687	55149	58983	51427
PG 36:3	9721	13316	16556	9021	11861	14497	9311	7904
PS 36:0	42722	34970	56362	50639	48015	57161	50481	46895
PS 36:1	17291	14886	21669	18580	22433	24256	14903	16999
PS 38:0	599032	587145	708690	547736	521653	618868	548680	538952
PS 38:1	443923	447801	487654	395955	406039	437951	339369	327652
PS 38:2	13150	9195	17258	5168	6782	14726	5897	4107
PS 40:0	34485	29089	45115	32349	20936	47903	22502	21535
PS 40:1	441158	488562	608987	497046	470506	598664	485605	453793
PS 40:2	603627	638089	717002	616100	611942	659978	591041	583068
PS 40:3	242819	303869	313599	256829	285196	275455	223816	217451
PS 40:4	16004	12453	20157	9058	14953	19916	7976	7311
PI 34:1	255957	256959	313476	190155	200859	311405	153439	176344
PI 34:2	769176	567903	432425	627057	599748	481575	653215	577394
PI 34:3	31040	15976	16817	15125	18644	18412	17244	14978
PI 36:4	54539	53259	38798	54884	61010	41685	49186	44572

Rice Lipid Raw Data	GW572	GW573	GW574	GW575	GW576	GW577	GW578	GW579
DGDG 32:0	12861	37787	24170	17062	29735	28915	7709	30480
DGDG 34:1	11382	22209	13215	10946	20916	31841	19395	19551
DGDG 34:2	88518	157811	112198	95140	144791	215149	71947	134834
DGDG 36:2	17131	14912	17924	18368	13564	17565	9034	28435
DGDG 36:3	26299	26260	23838	24068	32924	44871	51617	33574
DGDG 36:4	84116	84141	69937	80887	89875	114884	84884	85994
DGDG 36:5	20104	17789	21308	19724	30368	33226	35015	40080
DGDG 36:6	13326	8831	13628	14435	26191	30872	24120	35267
MGDG 32:0	10150	23951	13943	10022	20862	11770	4366	13037
MGDG 34:0	13444	23494	13662	26283	25480	11348	6780	45406
MGDG 34:1	6174	10971	7374	8596	12025	17982	14844	20731
MGDG 34:2(1)	41617	64681	61323	48849	68389	73456	24581	76800
MGDG 34:2(2)	40801	88392	47408	34468	72824	57019	25308	42686
MGDG 36:3	18572	25409	18180	18269	33202	23166	34192	16823
MGDG 36:4	62884	57304	56685	52077	61365	68320	39926	51958
MGDG 36:5	24635	15604	23889	20058	28565	28194	16680	21641
MGDG 36:6	25563	10714	27614	24875	38459	35345	21575	25578
PC 32:0	107806	212121	103417	103216	151700	87796	133474	150498
PC 32:1	252789	256843	244857	156774	245950	275521	228364	242753
PC 32:2	93413	109589	99171	75383	124645	101812	110952	110228
PC 34:1	4449412	4543300	3727074	3524997	4572437	4376982	5014223	4625014
PC 34:2	2316646	2971571	1950808	2137763	3030299	2248496	3183067	2790383
PC 34:3(1)	31174	38353	31728	27402	70851	40228	134407	49238
PC 34:3(2)	15315	33356	14550	14228	25097	11203	20496	25096
PC 34:4	39696	38399	37120	23516	38941	43660	35713	38620
PC 36:1(1)	25050	22887	28266	19646	21509	21798	28597	20078
PC 36:1(2)	191938	181807	172356	151949	151252	139106	187305	251370
PC 36:2	3819177	3661192	3061550	2645750	3805561	3779264	4063528	3863918
PC 36:3	4816377	5007627	3915946	3489068	4937474	4594715	5468524	4841840
PC 36:4(1)	1880621	1972093	1345420	1379144	2095057	1676348	2343317	1839093
PC 36:4(2)	623312	632570	563786	528173	642766	643714	681814	649163
PC 36:5(1)	86028	109429	84382	68734	160056	94333	276251	113771
PC 36:5(2)	404566	511858	342417	376826	512162	381945	519724	466668
PC 38:2(1)	18864	18797	13144	14205	9577	7563	11764	12267
PC 38:2(2)	18864	18797	13144	14205	9577	7563	11764	12267
PC 38:3	22261	25050	15474	20581	20218	17001	26529	21223
PC 38:4(1)	11066	9285	13315	8781	10367	9954	13617	8677
PC 38:4(2)	32824	29650	29082	24538	25937	22934	34926	41604
PC38:5	537279	479665	479028	412502	502037	535060	554170	494681
PC38:6	663177	640448	585603	534829	650084	607594	653913	636004
PE 34:1	169757	319779	282569	236365	234482	297740	429581	258201
PE 34:2	275307	452130	390674	358699	370366	479725	500248	388101
PE 34:3	2919	6104	5914	3442	9482	5519	21444	5760
PE 36:2	119440	217601	172726	141338	146309	139457	204496	112360
PE 36:3	319927	481357	409909	354293	373176	353745	415329	279830
PE 36:4	298271	374026	322602	286405	327986	343134	385483	277213
PE 36:5(1)	7122	11431	10195	6355	13455	7639	22558	7149
PE 36:5(2)	58613	88245	77666	74328	70054	88023	93465	77139
TAG 48:0	1428362	2390295	1718073	2104986	2967676	2580694	1012402	2561257

Rice Lipid Raw Data	GW572	GW573	GW574	GW575	GW576	GW577	GW578	GW579
TAG 48:1	1161726	1623436	1335995	968324	1943852	1791213	1477259	1394110
TAG 48:2	2521323	3929382	2947910	2307012	4673831	4180552	2241198	3780005
TAG 48:3 (1)	197632	235286	195904	132257	277719	246913	203639	243506
TAG 48:3 (2)	30396	32213	21251	33712	54873	40853	45495	36139
TAG 48:4(1)	73915	78404	56657	51062	62587	92508	64309	85444
TAG 48:4(2)	17611	18817	9444	20376	21699	24323	18907	28431
TAG 50:0	675646	875697	769852	834825	925485	913816	412957	1330437
TAG 50:1	21100000	22300000	19200000	20400000	25600000	24800000	21000000	23100000
TAG 50:2	34900000	37500000	33000000	36400000	41800000	41200000	33200000	40700000
TAG 50:3	7634555	8821007	7589407	6113514	9733700	9764605	7457233	8802455
TAG 50:4	3363833	4067902	3435702	2745284	4534740	5281280	2613021	4216803
TAG 50:5 (1)	171033	188590	242637	121789	303399	276677	159975	255701
TAG 50:5 (2)	21429	17061	13106	18455	31512	20578	36801	19244
TAG 52:0	453198	575106	488381	508555	549054	551455	315477	784989
TAG 52:1	8235314	7731057	7296796	6893514	8272635	9000105	7263663	10500000
TAG 52:2	38500000	36800000	36500000	36500000	38400000	37800000	36200000	39900000
TAG 52:3	56400000	54000000	51000000	49800000	54400000	55200000	52800000	53400000
TAG 52:4	60500000	57800000	51100000	54500000	58300000	61400000	52500000	59900000
TAG 52:5	10500000	9932191	9164225	8984741	11600000	11100000	9270324	10700000
TAG 52:6	389462	345375	340835	306804	584278	400666	488169	413974
TAG 54:0	177973	216685	187292	210825	204986	231622	143487	312056
TAG 54:1	3806465	3767254	3266168	3488188	3956946	4288297	3518626	4794929
TAG 54:2	16700000	14600000	13300000	12800000	14700000	16500000	14400000	18400000
TAG 54:3	36700000	34800000	35800000	32300000	36300000	36700000	36500000	38100000
TAG 54:4	50500000	47700000	46500000	44600000	47800000	50600000	48300000	50000000
TAG 54:5	55800000	52900000	49600000	46000000	52200000	57200000	57100000	54100000
TAG 54:6	34800000	29300000	26800000	30300000	29800000	34100000	31600000	33900000
TAG 54:7	6027638	4516688	4566992	4468571	5066181	5044759	5449039	5201891
TAG 54:8	309017	215736	275742	221951	344242	259081	392114	283864
TAG 56:0	115769	129458	104912	142923	166860	155205	51566	169734
TAG 56:1	1359915	1402272	1084130	1314631	1445898	1596483	1141690	1700646
TAG 56:2	7642193	6882563	5822560	6187737	6713146	8178159	6112106	8401075
TAG 56:3	9836095	9437611	7274731	7577894	8899947	9816482	9483626	9413893
TAG 56:4	5544849	5612466	4774933	5417313	5154316	4796246	5506452	5508298
TAG 58:0	30369	26113	24905	34261	38502	34522	9718	55500
TAG 58:1	1431578	1244493	987214	1302426	1441164	1551988	1109837	1523513
TAG 58:2	4265790	3701578	2992013	3842061	4054481	4501439	3045373	4596560
TAG 58:3	2483481	2522165	1934182	2122961	2326324	2417026	2379255	2393842
TAG 58:4	2388077	2246884	1636386	2046269	2183499	2344454	2034986	2378738
TAG 58:5	261884	314474	209283	227684	297158	257300	232511	275022
TAG 60:1	547383	304017	290884	394913	419207	488274	270740	571086
TAG 60:2	3738638	2451922	2138921	2686926	2898163	3390656	2123950	3552840
TAG 60:3	3529085	2778269	2228420	2607722	2884865	3006996	2769125	2942068
TAG 60:4	3279092	2338648	1952094	2669276	2757483	2870204	2396808	2904887
TAG 60:5	329155	226176	224504	287779	335500	272280	216822	288060
TAG 60:6	18261	24420	17269	10960	30945	12604	25943	15283
DAG 34:1	67395	56586	42610	45357	66669	32679	48202	28366
DAG 34:2	108199	98080	99046	88974	129811	81595	60002	61922
DAG 36:2	94558	76737	72395	59570	86368	77997	59281	65224

Rice Lipid Raw Data	GW572	GW573	GW574	GW575	GW576	GW577	GW578	GW579
DAG 36:3	243917	163148	108254	106973	160186	76668	178493	84160
DAG 36:4	293186	182106	132611	187207	182260	117087	205069	112575
DAG 36:5	33593	22957	21117	24138	28808	13749	28883	16376
Lyso-MGDG 16:0	265741	273332	245920	336355	360429	297086	323280	476345
Lyso-MGDG 18:0	16497	6142	8778	25213	12019	9224	9294	33530
Lyso-MGDG 18:1	12249	22450	12646	8061	12539	19372	35418	16945
Lyso-MGDG 18:2	87801	155068	86683	44752	56800	72010	80080	63382
Lyso-DGDG 16:0	60041	105620	68753	42976	65883	93545	49464	88569
Lyso-DGDG 18:1	18240	23151	15225	17000	14281	29757	35330	26171
Lyso-DGDG 18:2	146267	146931	96863	93417	63934	129133	103585	121818
Lyso-PC 16:0	5295714	5894333	4636368	3839643	3966458	3569221	5223866	5571162
Lyso-PC 16:3	77370	135723	123883	48336	90593	80672	87032	82927
Lyso-PC 18:0	304225	220818	229925	227261	172667	129374	192613	365975
Lyso-PC 18:1	1045325	560914	607907	554785	565989	680345	1680661	915465
Lyso-PC 18:2	4971517	2664095	2895774	2845884	2140607	2296148	2693624	3072984
Lyso-PC 18:3	1043785	1125912	970790	821028	860831	795430	1026202	1074850
Lyso-PE 16:0	278192	364358	409660	270836	224237	267944	371445	290394
Lyso-PE 18:0	10471	17531	17223	7532	18963	13239	16817	20454
Lyso-PE 18:1	39405	31423	40308	28293	26588	39184	82105	33640
Lyso-PE 18:2	371664	308150	359536	262271	189772	248114	275863	204526
Lyso-PE 18:3	59137	75122	85065	60309	51094	58588	76057	63477
SQDG 32:0	35440	30487	40299	31271	41920	46197	52102	35439
SQDG 34:2	15532	14341	19947	13417	16212	15723	21129	12439
PG 32:0	43210	27124	48118	51039	37364	57535	56665	28908
PG 34:1	42275	29007	49500	36607	35362	59323	38280	81103
PG 34:2	68349	34611	54371	41955	54848	70445	62396	66558
PG 36:3	10387	9230	13694	8918	9733	14495	10260	18046
PS 36:0	38003	43833	45607	44214	29044	42307	48658	42684
PS 36:1	21610	16624	18945	17169	11693	17591	16817	15863
PS 38:0	494204	525072	550857	456480	458645	568493	554162	614918
PS 38:1	441213	371761	427002	295731	332221	416457	330557	463963
PS 38:2	9118	4589	6253	4577	4604	12987	6825	24175
PS 40:0	30514	30206	28346	25637	22056	23954	23030	28016
PS 40:1	339311	496540	482201	429702	397124	477135	485810	487694
PS 40:2	583164	630413	629440	510937	487211	637914	586710	661025
PS 40:3	346290	251655	267890	192403	200628	283114	222451	288250
PS 40:4	17371	9236	11624	8794	7488	17839	8531	28258
PI 34:1	162271	107082	231107	256480	133463	165166	243172	363964
PI 34:2	612689	300708	494427	573642	470211	437970	878568	545159
PI 34:3	21063	7124	12228	18869	11537	17573	25323	29205
PI 36:4	61326	32241	50154	47003	46471	47275	64542	55058

Rice Lipid Raw Data	GW580	GW581	GW582	GW583	GW584	GW585	GW586	GW588
DGDG 32:0	14057	11172	14442	15975	7641	27101	8314	35523
DGDG 34:1	13688	15527	10082	19144	10436	20191	8377	22601
DGDG 34:2	94571	96579	76617	217347	52081	120646	57769	138124
DGDG 36:2	10350	11968	9670	28292	12181	19362	7505	20691
DGDG 36:3	22375	40787	25408	32604	43932	26553	24427	35082
DGDG 36:4	83342	111553	71847	161850	75078	64606	80745	66468
DGDG 36:5	20049	46233	19328	27774	20036	23471	22140	12278
DGDG 36:6	13578	29810	13907	30474	6237	22897	9385	7614
MGDG 32:0	10927	5317	10140	8899	8117	10747	2953	19976
MGDG 34:0	5276	22480	10449	12976	7380	36579	8855	59487
MGDG 34:1	3620	20250	6389	16931	2800	23324	5820	17067
MGDG 34:2(1)	33438	44263	29910	112418	12973	83130	20073	57566
MGDG 34:2(2)	29900	23109	31970	76729	15391	57397	13438	58975
MGDG 36:3	6481	24298	19606	16602	33903	23816	16719	39236
MGDG 36:4	35971	55483	51274	81112	52667	60406	30584	38698
MGDG 36:5	14682	26477	11596	20792	13523	28799	8876	8151
MGDG 36:6	17111	32911	8630	32910	7176	32030	8163	9766
PC 32:0	137228	194588	215442	111333	182955	84377	185675	159721
PC 32:1	303890	306294	213293	229190	194829	159520	207923	173382
PC 32:2	165761	183503	121126	127637	102182	59535	171966	95181
PC 34:1	3914974	4937599	3969557	4010944	4160664	3059379	4080430	3635232
PC 34:2	2377391	4463458	2659216	2925486	2329890	1568360	4071815	2372588
PC 34:3(1)	54776	75064	41522	38470	20989	31377	64592	49939
PC 34:3(2)	21327	31332	35564	18631	28196	9628	29214	26646
PC 34:4	47642	48667	33396	35117	30041	24557	31490	27224
PC 36:1(1)	17764	32041	27629	24453	18465	20577	25651	24732
PC 36:1(2)	145862	233575	151033	155064	209266	146329	163072	150274
PC 36:2	3404127	3684877	3599055	2890987	4071585	2438356	3129626	3266921
PC 36:3	4227981	6204191	4396196	4394292	4726739	3044520	5611745	4504533
PC 36:4(1)	1785010	3850627	1948741	2200729	1759218	1062873	3934583	1975851
PC 36:4(2)	597937	650405	595272	602922	612706	482199	589367	547966
PC 36:5(1)	98186	278497	146378	109810	85425	57977	245513	149345
PC 36:5(2)	412562	665025	454102	484774	393314	270833	613618	402538
PC 38:2(1)	11858	18488	10570	12686	23385	11324	20350	14009
PC 38:2(2)	11858	18488	10570	12686	23385	11324	20350	14009
PC 38:3	19689	39529	23107	19577	34270	11814	37181	21241
PC 38:4(1)	8427	14154	12634	11575	7816	9293	11569	10407
PC 38:4(2)	24692	39505	26332	25682	36040	24039	28813	24768
PC38:5	499474	532864	506583	446661	495619	398358	486906	444238
PC38:6	584106	670835	612582	599777	601332	470227	674098	609359
PE 34:1	251104	438283	230089	168831	385568	184065	285892	241068
PE 34:2	349641	684626	290878	331012	341472	283272	567824	333291
PE 34:3	7898	12888	5461	4018	3415	3822	8619	7497
PE 36:2	168691	212402	163473	74325	273106	79201	145744	161641
PE 36:3	363694	525601	310732	273179	459238	238705	446838	393871
PE 36:4	278680	624164	232116	322458	280817	234805	481852	302621
PE 36:5(1)	9847	22989	8211	7462	6216	6670	17077	11344
PE 36:5(2)	67281	116744	60290	67050	66877	60718	106030	68256
TAG 48:0	1699253	1239641	1244437	1706865	1892604	1871613	845607	2731521

Rice Lipid Raw Data	GW580	GW581	GW582	GW583	GW584	GW585	GW586	GW588
TAG 48:1	1949731	2172026	1292140	1617590	1303435	985845	1285604	1942791
TAG 48:2	4354298	4892434	2392884	5280366	2197670	2541158	3253295	5186055
TAG 48:3 (1)	289202	282989	216671	239650	158694	154300	219847	291038
TAG 48:3 (2)	28068	60353	40124	31970	45661	36037	42805	53245
TAG 48:4(1)	106734	115069	71149	93204	46522	59353	103538	68908
TAG 48:4(2)	12776	28325	17282	19980	16012	18440	24687	20707
TAG 50:0	675321	561119	558029	653679	900276	948185	364526	1044446
TAG 50:1	21300000	21100000	17200000	21200000	23900000	19100000	17300000	22900000
TAG 50:2	35400000	37100000	28100000	40700000	35400000	31800000	33400000	40000000
TAG 50:3	9255764	10300000	7577280	9094401	7021532	5882830	8072791	9043096
TAG 50:4	4993265	5475015	3538510	5784208	2055367	2793609	4387271	3982336
TAG 50:5 (1)	265723	222694	256027	233365	111725	169387	190943	256969
TAG 50:5 (2)	17304	45208	24111	22864	21467	18525	42821	27032
TAG 52:0	454227	393154	420967	416964	609659	558007	274284	548178
TAG 52:1	7539619	8221191	6484157	7232390	9067795	7714578	6091383	7886867
TAG 52:2	37600000	36900000	36200000	37100000	37500000	35100000	34900000	37100000
TAG 52:3	51300000	54800000	49400000	51700000	52200000	49400000	53000000	53000000
TAG 52:4	52000000	62400000	51000000	62300000	50300000	52100000	59900000	55200000
TAG 52:5	8416244	10800000	8609335	9946859	8046273	9373730	9625214	10500000
TAG 52:6	285870	379244	297724	337310	268197	376666	297878	403979
TAG 54:0	176526	165880	166323	164880	257043	205405	124615	204347
TAG 54:1	3351656	3600163	3462725	3118224	4906054	3587544	2749936	3626365
TAG 54:2	14900000	15000000	13800000	13400000	17100000	13800000	12900000	13800000
TAG 54:3	36000000	37300000	36800000	33400000	37100000	33700000	34100000	35300000
TAG 54:4	48000000	49800000	48800000	45600000	46000000	44600000	48000000	46400000
TAG 54:5	49300000	60200000	51100000	53200000	48900000	46500000	60900000	46700000
TAG 54:6	26000000	40100000	30100000	33200000	23100000	28400000	39300000	25600000
TAG 54:7	3924616	6533628	5091403	4761221	3323322	4989258	6494534	4380996
TAG 54:8	185999	372563	265563	205779	166783	331702	292334	249609
TAG 56:0	101692	66044	81651	93536	129773	125471	47696	142420
TAG 56:1	1132472	1073221	1231896	1059500	1819824	1414026	903816	1210219
TAG 56:2	6365290	5735113	6674025	5148166	8875275	6142161	5290129	5998416
TAG 56:3	7923284	9244213	8301969	6871443	10400000	7250092	8379910	7739556
TAG 56:4	4470860	6331205	4268558	5875756	4736743	5102569	6759054	4833437
TAG 58:0	23624	16365	18497	19658	34086	36450	9496	35259
TAG 58:1	1067705	1108303	1058905	1082643	1455705	1216066	874402	1178229
TAG 58:2	3312042	3315352	3482597	3592747	4175260	3598165	2966223	3606841
TAG 58:3	1922170	2235973	2107006	1898697	2553803	1985973	2230757	2086440
TAG 58:4	1716808	2332148	1895981	2309464	1987659	1843708	2407330	1812885
TAG 58:5	187485	236765	231583	215500	207951	241139	306726	242986
TAG 60:1	341021	334137	296557	311752	450382	408243	232299	358413
TAG 60:2	2467181	2244901	2585155	2219351	3203861	2640149	1946223	2489731
TAG 60:3	2367201	3038876	2350215	2382462	2951438	2385338	2600984	2505803
TAG 60:4	2166183	2947222	2109131	3079973	2188921	2303833	3001345	2374025
TAG 60:5	195225	222538	229432	232824	225059	280800	210219	272554
TAG 60:6	12198	17663	10127	10276	9085	13259	20882	17898
DAG 34:1	44993	62430	27408	34358	69901	25458	22345	52582
DAG 34:2	108930	114047	43972	102529	134160	57443	57156	86885
DAG 36:2	84579	63528	67305	51994	109611	56965	40066	65048

Rice Lipid Raw Data	GW580	GW581	GW582	GW583	GW584	GW585	GW586	GW588
DAG 36:3	127984	232500	67959	87683	162718	60516	89881	113342
DAG 36:4	155538	340866	90741	189120	133803	92533	186862	144657
DAG 36:5	18772	36537	13763	16471	20560	17915	18115	22066
Lyso-MGDG 16:0	243508	466329	275105	361780	243627	258488	281914	415901
Lyso-MGDG 18:0	5783	22547	17394	9285	15478	19093	13039	26520
Lyso-MGDG 18:1	12483	24668	10988	17216	8727	16774	9998	14989
Lyso-MGDG 18:2	115596	84944	67717	158700	38271	63324	42889	43851
Lyso-DGDG 16:0	81445	70054	39378	91050	40281	37839	38856	77255
Lyso-DGDG 18:1	25841	35551	11741	20281	16190	18002	16104	23113
Lyso-DGDG 18:2	249704	139202	68277	215573	84284	55717	98264	77348
Lyso-PC 16:0	4739554	8709532	4453254	4328569	4670332	2309946	5681980	3932121
Lyso-PC 16:3	185434	216826	127463	129933	72075	26393	156564	67221
Lyso-PC 18:0	136327	567684	232778	139352	334338	184412	284098	292832
Lyso-PC 18:1	953697	2370546	1003169	457086	1160199	413853	1242144	582482
Lyso-PC 18:2	4383662	4355560	3048455	2476315	3569583	1172171	3386403	1722025
Lyso-PC 18:3	983620	1314860	925041	909371	918299	502622	1050694	831632
Lyso-PE 16:0	279977	709876	262320	184741	334308	146251	439866	271016
Lyso-PE 18:0	30050	32348	17854	31456	11206	5884	21644	16702
Lyso-PE 18:1	38051	125547	42345	19340	61004	20989	66972	31024
Lyso-PE 18:2	332979	527604	265456	214887	359869	107470	373189	184583
Lyso-PE 18:3	59632	121048	56816	41615	72319	34612	89354	57666
SQDG 32:0	61976	31699	40062	90166	62987	40893	24906	55030
SQDG 34:2	26506	13400	14574	20928	18265	15688	13562	9206
PG 32:0	55613	27814	40783	37525	56055	36400	39923	28945
PG 34:1	39844	42073	78952	49787	66485	58487	26955	60056
PG 34:2	63000	48206	90697	61009	89083	51171	35311	84740
PG 36:3	9542	11066	17989	19290	17253	18616	5058	22831
PS 36:0	42544	54189	51294	39809	56380	39241	29236	40558
PS 36:1	16859	24957	27598	16831	24047	17160	10199	26072
PS 38:0	561056	484657	624609	525784	638522	535896	400732	517365
PS 38:1	396229	382979	565408	397877	515055	390428	264593	565419
PS 38:2	8804	9913	14947	8116	12383	3820	5226	11261
PS 40:0	39698	25044	34020	22683	38656	35755	23432	25058
PS 40:1	492989	462043	451768	480001	525490	518544	340651	421711
PS 40:2	621019	583748	683708	594589	723346	642845	462507	656777
PS 40:3	246390	245737	488173	269042	398222	239188	162170	522275
PS 40:4	12009	12621	28544	16183	22349	9791	6565	25453
PI 34:1	179383	163489	331545	141277	323620	287620	124440	288972
PI 34:2	627166	359941	687660	339313	730103	486956	384160	663485
PI 34:3	25280	10593	20240	11968	23601	8066	12789	15449
PI 36:4	50608	38257	74426	65069	70468	81969	30888	108492

Rice Lipid Raw Data	GW589	GW590	GW592	GW593	GW594	GW595	GW596	GW597
DGDG 32:0	28541	41583	54271	22883	10321	26368	7610	17031
DGDG 34:1	25528	24074	51944	26817	9950	15420	9203	7598
DGDG 34:2	182341	191018	416893	163405	84318	73965	79711	43173
DGDG 36:2	26003	25214	96932	39224	15809	16214	15430	7384
DGDG 36:3	37677	27914	66198	33397	24457	21534	21791	18546
DGDG 36:4	106316	91371	242868	106392	77914	42391	106952	42084
DGDG 36:5	29770	23697	39169	26347	18469	16707	36426	13907
DGDG 36:6	25970	21571	36090	24656	8676	14877	27663	8511
MGDG 32:0	11991	19935	22108	12267	3812	21517	3904	9845
MGDG 34:0	20160	32987	55071	35733	9573	57198	8905	31030
MGDG 34:1	20238	16009	44190	19609	11445	10886	7673	13874
MGDG 34:2(1)	88453	84627	167687	55456	45463	46042	42447	39023
MGDG 34:2(2)	62723	95605	123101	46791	26233	35577	22116	17129
MGDG 36:3	22968	22213	26796	21219	28689	16111	9642	12785
MGDG 36:4	57230	63022	94658	53905	47183	34856	52229	20873
MGDG 36:5	18515	29729	23953	15801	11086	9940	21085	6130
MGDG 36:6	25525	47186	43646	23454	8431	12236	15267	5283
PC 32:0	128985	136196	105915	107570	123640	172643	174686	179300
PC 32:1	202710	242473	154430	172660	161202	119799	195016	134914
PC 32:2	103214	132052	68387	94291	86779	58180	148673	59786
PC 34:1	3922150	4497172	3789365	3976646	3248651	3190333	4390879	3031145
PC 34:2	2276522	3056916	2315472	2585045	2141079	1899474	3607383	1630752
PC 34:3(1)	46048	48089	43131	52368	47080	56042	49968	41553
PC 34:3(2)	20186	19178	16421	16227	19931	28955	28265	28818
PC 34:4	31520	37929	22718	25832	24943	18433	30846	20422
PC 36:1(1)	23985	22400	24527	21759	20824	19800	26005	17963
PC 36:1(2)	152412	123719	208109	236981	170152	131320	232107	186018
PC 36:2	3212651	3690601	3105451	3238022	2779457	2989659	2962913	2440400
PC 36:3	4313568	5202558	4280847	4511485	3779456	3867177	4948779	2858541
PC 36:4(1)	1847898	2131669	1903507	1921461	1589058	1414475	2862711	952671
PC 36:4(2)	574987	657432	542578	600522	512102	508311	613454	516087
PC 36:5(1)	111732	127308	94024	111076	107757	92397	124436	67152
PC 36:5(2)	386353	505394	397807	437673	367697	333272	569948	280204
PC 38:2(1)	11404	18718	7182	16849	10894	9004	19760	10116
PC 38:2(2)	11404	18718	7182	16849	10894	9004	19760	10116
PC 38:3	19023	23216	13247	18434	16698	17855	27170	13707
PC 38:4(1)	10672	10933	10911	9550	9253	8216	10865	7970
PC 38:4(2)	25541	20793	38277	39273	28315	21763	39799	31531
PC38:5	461162	492616	428433	437929	448702	451807	454456	391424
PC38:6	620049	643596	613270	618871	581910	592098	673918	451226
PE 34:1	249727	375062	197978	195634	201472	185629	262093	248167
PE 34:2	413359	619856	378937	327668	271018	221337	476258	257377
PE 34:3	7252	11071	4648	6056	5715	6356	7704	6670
PE 36:2	160486	204287	86898	100494	122841	114737	109746	135614
PE 36:3	402076	486337	272260	295806	313399	243719	343826	266118
PE 36:4	343473	493267	314512	289045	289641	205776	372134	224663
PE 36:5(1)	10500	16582	7217	7975	8275	6865	8425	7285
PE 36:5(2)	80332	112393	75826	64590	55461	48308	92709	56398
TAG 48:0	1933138	2747371	2153192	1786399	995877	1969032	891164	1298464

Rice Lipid Raw Data	GW589	GW590	GW592	GW593	GW594	GW595	GW596	GW597
TAG 48:1	1407044	1823377	1089239	1073632	724498	833988	1005805	840611
TAG 48:2	3486629	4326015	2608899	2333292	1367335	1810548	2537046	1523058
TAG 48:3 (1)	197993	260292	145623	145874	118363	94936	177651	112782
TAG 48:3 (2)	30712	48732	29261	19814	26081	9650	40748	22206
TAG 48:4(1)	56815	77817	62401	55723	48374	36929	111695	37267
TAG 48:4(2)	12156	24918	18772	11482	10081	8802	31335	8059
TAG 50:0	763924	949430	1219013	1063985	636676	1035937	577390	824067
TAG 50:1	21400000	24500000	20900000	19800000	14400000	19900000	16600000	17900000
TAG 50:2	35300000	39700000	35500000	33100000	24200000	32500000	32600000	26800000
TAG 50:3	7869238	9731986	6710519	6413813	4645606	5052064	6735253	4889730
TAG 50:4	3702705	4362204	2568634	3107005	1992491	1904519	4169906	1757244
TAG 50:5 (1)	196601	241835	105302	172214	134319	87960	148243	122173
TAG 50:5 (2)	19128	25305	16142	11105	15344	9083	35825	11438
TAG 52:0	462461	551428	765169	811538	522368	725037	500986	660446
TAG 52:1	7419138	8176046	8566131	8362626	5024878	6744361	6288226	6667418
TAG 52:2	36500000	38400000	37700000	36600000	32700000	36600000	33500000	34900000
TAG 52:3	52000000	53900000	55300000	50700000	44800000	48400000	51400000	47000000
TAG 52:4	52700000	61800000	54000000	54100000	44200000	47600000	59900000	45200000
TAG 52:5	8537642	12200000	8106956	9425841	7102154	6433092	8803845	7468529
TAG 52:6	318832	506413	270299	340962	247018	222651	273370	252251
TAG 54:0	177094	203603	274541	322559	208213	276942	219493	258529
TAG 54:1	3220606	4013896	3487546	3669198	2359867	2804634	3475744	3135124
TAG 54:2	13700000	15600000	15900000	14000000	10900000	12400000	14300000	13100000
TAG 54:3	34800000	34700000	35700000	34100000	31900000	33200000	33600000	33200000
TAG 54:4	46600000	47800000	47300000	45800000	42600000	42800000	48400000	43600000
TAG 54:5	51100000	54000000	50300000	48400000	43500000	41000000	60300000	44100000
TAG 54:6	26800000	34900000	27800000	30100000	24700000	21700000	43400000	21000000
TAG 54:7	3810032	5759057	3665624	4987001	4219833	2903934	5987746	3655007
TAG 54:8	189416	320796	172592	295068	231712	149110	242133	206479
TAG 56:0	112384	163836	110223	107506	66883	114246	66246	91170
TAG 56:1	1047377	1457551	1128964	1232939	763637	981931	1266492	1050078
TAG 56:2	5969607	7505967	6145664	6112694	4346327	4954353	6122737	5434033
TAG 56:3	7736426	9882036	7420750	6720457	5702624	6185825	8809378	6562850
TAG 56:4	4388520	6334845	4577054	4658440	4020213	3614611	8311447	3886955
TAG 58:0	24755	40881	25133	25331	13744	28860	17024	22790
TAG 58:1	1058703	1561618	999193	1128032	759893	1001893	1136907	972489
TAG 58:2	3352319	4370007	3209518	3300877	2390417	3076904	3898695	2710366
TAG 58:3	1939145	2646823	1856273	1792160	1445013	1561037	2556403	1565521
TAG 58:4	1657742	2549760	1852123	1764471	1365629	1412117	3202801	1387515
TAG 58:5	189740	299188	212933	218933	169708	179016	271220	182667
TAG 60:1	315466	483237	278792	348862	209523	287113	361334	326836
TAG 60:2	2380830	3203444	2262160	2463985	1806400	2218018	2412595	2094812
TAG 60:3	2405875	3326178	2178744	2253763	1854520	2005652	3030735	1878711
TAG 60:4	2137674	3315045	2246417	2271180	1733518	1718442	4070129	1667514
TAG 60:5	205035	369083	171330	246575	189808	143469	286399	213811
TAG 60:6	11616	22490	13844	11697	9201	12013	10968	10439
DAG 34:1	52137	76466	21721	40477	17912	25792	11180	26383
DAG 34:2	115493	171304	44474	49099	39457	40287	29708	45141
DAG 36:2	88659	99483	44092	48469	26493	38582	19945	46795

Rice Lipid Raw Data	GW589	GW590	GW592	GW593	GW594	GW595	GW596	GW597
DAG 36:3	141917	198384	81047	137020	71654	56480	40514	63088
DAG 36:4	172739	233796	135885	198415	116827	77408	114081	80905
DAG 36:5	22992	32625	15007	33594	19468	11626	10648	17195
Lyso-MGDG 16:0	332430	261163	511956	369196	232094	336472	351840	361117
Lyso-MGDG 18:0	13964	10740	33523	26806	10933	42412	14393	27547
Lyso-MGDG 18:1	20573	16641	27018	17734	15044	6752	12356	9728
Lyso-MGDG 18:2	124956	92353	162105	53411	69187	32296	73132	30358
Lyso-DGDG 16:0	99667	70393	133950	67009	42633	31866	44302	47551
Lyso-DGDG 18:1	26307	21005	33989	20128	16664	8627	16784	22472
Lyso-DGDG 18:2	170784	112802	248077	96500	110889	31803	118436	90855
Lyso-PC 16:0	5298892	4155290	4736553	2674708	3433015	3184534	5014779	6893047
Lyso-PC 16:3	119511	72128	55466	45793	61262	26026	66444	131469
Lyso-PC 18:0	263787	207862	418558	205418	227022	353694	262987	536072
Lyso-PC 18:1	795713	518608	647875	566228	830879	567269	1008091	2494139
Lyso-PC 18:2	3001816	2150285	2844691	1866603	2738538	1402957	3961286	4070802
Lyso-PC 18:3	1003900	873745	956212	597498	752772	703989	986439	1190367
Lyso-PE 16:0	414373	344876	303181	203845	248188	207354	303342	465673
Lyso-PE 18:0	21274	5707	12584	10306	8253	3944	12277	9689
Lyso-PE 18:1	46069	35778	27474	27352	41270	22206	38561	122042
Lyso-PE 18:2	342916	267240	244691	175990	266529	105076	271202	413037
Lyso-PE 18:3	86417	73156	63385	44973	55630	48137	65254	90498
SQDG 32:0	48429	42286	62431	52474	31954	31917	73767	39190
SQDG 34:2	9376	19120	22881	20550	16083	12956	13700	19111
PG 32:0	61564	52070	71273	61131	31778	33904	48136	46880
PG 34:1	62351	44827	43535	37591	36745	44117	39494	43200
PG 34:2	63341	66385	58682	76216	59739	53091	45562	69251
PG 36:3	18008	14635	9876	11497	11081	13294	13010	11763
PS 36:0	33276	39561	44177	29647	33237	28372	21355	35216
PS 36:1	15613	17206	16317	11667	14836	13925	9306	21761
PS 38:0	451375	490466	520924	487862	482848	434000	396728	535981
PS 38:1	372420	358562	328755	351356	390152	333590	294832	506971
PS 38:2	8138	8037	11012	7426	9057	7690	8585	8882
PS 40:0	23810	23998	24789	32304	33645	24702	17546	36048
PS 40:1	443472	457958	435323	415947	436014	382517	402695	372971
PS 40:2	600720	570198	533457	548721	591489	490793	500916	603364
PS 40:3	279414	256372	212748	254138	262983	228781	205872	366790
PS 40:4	17181	13493	11113	10773	13401	11453	12502	13180
PI 34:1	232654	189423	222209	129269	127724	137324	264580	185617
PI 34:2	440429	508380	665853	505161	394061	311413	583825	606700
PI 34:3	14989	15600	24721	14193	13929	9873	24709	15511
PI 36:4	56605	54260	54270	47976	39819	33573	71328	62552

Rice Lipid Raw Data	GW599	GW600	GW601	GW602	GW603	GW604	GW605	GW606
DGDG 32:0	17980	16124	19212	13146	12062	14746	10493	8398
DGDG 34:1	12572	14147	11797	11832	10161	10096	16605	7169
DGDG 34:2	103828	118072	64961	72624	73067	64976	96372	65011
DGDG 36:2	25089	19938	11852	22645	23976	14272	27927	10046
DGDG 36:3	18964	28065	19589	24045	19685	20537	34559	24520
DGDG 36:4	84660	92830	48808	58721	64905	52837	94439	92905
DGDG 36:5	25011	32748	20671	15655	21361	14096	30247	20930
DGDG 36:6	25327	29644	24657	11131	18114	8728	15392	15613
MGDG 32:0	9911	17803	10587	9151	7768	9957	10162	5814
MGDG 34:0	13871	68721	24482	30091	23797	39078	20199	1163
MGDG 34:1	9294	25525	26181	13569	16259	12024	9216	3062
MGDG 34:2(1)	65575	90807	82431	45988	95998	55056	28303	12646
MGDG 34:2(2)	37771	78168	17034	42448	29280	28027	48862	23604
MGDG 36:3	9583	12959	10387	13239	8346	12358	24279	6807
MGDG 36:4	58527	42276	26406	52550	53245	34543	68239	30258
MGDG 36:5	17034	17602	13212	14288	26209	12177	22828	7656
MGDG 36:6	18323	27121	21060	11311	36572	9324	15840	8971
PC 32:0	91218	229915	118695	128343	160686	145630	217931	101899
PC 32:1	251688	269429	174946	239124	167317	97140	222256	159318
PC 32:2	109647	150951	95406	85509	79038	40539	78908	86617
PC 34:1	3154667	4913976	3117780	4167747	4328283	3472446	5028680	3043278
PC 34:2	1664952	3451150	2070367	1894992	2743160	2133393	2446731	2209746
PC 34:3(1)	24756	77025	45961	18341	45451	28654	46657	83022
PC 34:3(2)	14689	39363	19490	20296	25345	23207	36037	14906
PC 34:4	39239	39878	27399	37882	24760	14161	34688	23948
PC 36:1(1)	22273	26013	23993	28935	27752	19553	36166	28942
PC 36:1(2)	152021	215387	121902	190987	232734	175798	213590	147621
PC 36:2	2881585	3973273	2771997	5271213	3360414	3215908	4692146	3109209
PC 36:3	3328305	5501708	3898144	4424388	4606516	3866604	4494446	4301181
PC 36:4(1)	1258689	2591503	1602872	1225369	1930416	1555249	1378826	2147620
PC 36:4(2)	500536	640235	495794	627822	629574	561371	661072	490743
PC 36:5(1)	64721	154520	92413	52343	96658	72447	117163	206713
PC 36:5(2)	289407	541112	346975	327860	456670	361157	407052	374726
PC 38:2(1)	5061	21031	9070	7608	18350	8537	8962	9341
PC 38:2(2)	5061	21031	9070	7608	18350	8537	8962	9341
PC 38:3	9523	25201	16927	19325	19825	13912	19411	20837
PC 38:4(1)	9709	10989	9847	13609	12576	8107	16489	12114
PC 38:4(2)	25504	35257	20360	31942	39126	29293	36932	25325
PC38:5	454027	484397	427537	584996	479265	451433	537202	470193
PC38:6	522714	697260	570532	618186	623908	560375	605025	633256
PE 34:1	176442	376404	205113	397316	272741	302428	532197	222096
PE 34:2	222229	615022	282510	288626	451541	359069	436733	322561
PE 34:3	2045	14021	5857	3176	6290	5314	8758	12516
PE 36:2	89846	200187	105467	312747	148068	171168	316022	125153
PE 36:3	239704	502640	264378	417005	413375	372210	498283	279136
PE 36:4	247728	513210	290439	252571	403747	316873	320918	315307
PE 36:5(1)	4024	18336	8324	4633	9647	5992	10010	14914
PE 36:5(2)	47911	112424	59878	58934	84857	72787	84540	63837
TAG 48:0	1727732	2052701	1550413	1645483	1665532	1594879	1260276	892443

Rice Lipid Raw Data	GW599	GW600	GW601	GW602	GW603	GW604	GW605	GW606
TAG 48:1	1414797	1511712	1175281	1450973	954396	676965	1117154	886793
TAG 48:2	3702954	4359712	2796641	2661525	2112976	1202559	2185273	1691701
TAG 48:3 (1)	235849	259434	145482	183787	124452	69867	188105	128605
TAG 48:3 (2)	24291	16204	24984	18299	36199	16692	21142	34333
TAG 48:4(1)	72507	63520	64050	51000	54195	24686	59546	65434
TAG 48:4(2)	14248	16925	11115	7858	17501	5496	8860	10949
TAG 50:0	873640	961780	783485	995075	918835	857026	725370	585258
TAG 50:1	17600000	21700000	20100000	22000000	21300000	20400000	19300000	16300000
TAG 50:2	30500000	38900000	33000000	35100000	37700000	32800000	29200000	25800000
TAG 50:3	7606131	9315269	6229329	8065228	6426142	4517184	7115484	5570565
TAG 50:4	4300470	3766217	3547996	2466690	2275986	1269898	3121330	3245546
TAG 50:5 (1)	228130	238111	149442	152746	111893	55282	238942	151311
TAG 50:5 (2)	13719	9475	14418	10138	22629	8644	13603	25784
TAG 52:0	562235	649916	533433	707238	644161	539908	572350	456673
TAG 52:1	6396586	8877564	6956368	9242283	8468782	7147411	7411572	7031560
TAG 52:2	36000000	38100000	36300000	38900000	38300000	37500000	35900000	35300000
TAG 52:3	50000000	53800000	50400000	55100000	52900000	51900000	51500000	48700000
TAG 52:4	49300000	56200000	54400000	47800000	55400000	49400000	48200000	51200000
TAG 52:5	7553246	10800000	6794821	7133063	9049918	6761517	8433676	7593982
TAG 52:6	296319	440935	184225	238053	353801	199524	349627	253472
TAG 54:0	202063	233754	185705	278694	247432	185881	230954	172832
TAG 54:1	2865566	4641862	3260390	4243466	4603708	3025257	3912807	2932923
TAG 54:2	12600000	17900000	13000000	17700000	16100000	13200000	15800000	14000000
TAG 54:3	35500000	36900000	34800000	38500000	36300000	35800000	37300000	37700000
TAG 54:4	46500000	47400000	46300000	48800000	47800000	46700000	49300000	49600000
TAG 54:5	47300000	50500000	51200000	49400000	50300000	44900000	52300000	55100000
TAG 54:6	25400000	28700000	28400000	21500000	29600000	23100000	28200000	34400000
TAG 54:7	3723918	4629244	3509175	2937912	4782888	3222872	4326707	4996745
TAG 54:8	215811	288499	145631	131720	245750	149711	253130	291149
TAG 56:0	97922	134175	95590	126779	123158	96663	92060	64862
TAG 56:1	1009384	1610645	1171505	1490720	1697498	981996	1414148	905213
TAG 56:2	5449577	8412916	6419539	7669908	8024128	5222282	7090625	5450243
TAG 56:3	6926428	9156468	8008938	10000000	9233243	6508667	8951773	7577909
TAG 56:4	4084174	5752934	4967716	3967069	6606697	3657683	4834928	4291124
TAG 58:0	20943	30584	25373	30876	32577	23483	23054	16382
TAG 58:1	923659	1298385	1051802	1252807	1469348	945660	1225997	838386
TAG 58:2	2980284	4556007	3333488	4051819	4381121	2925686	3877287	2719575
TAG 58:3	1671221	2592828	1833061	2395961	2520401	1580222	2290669	1612950
TAG 58:4	1512485	2516892	1831036	1941771	2628542	1420483	2074423	1618871
TAG 58:5	157385	338888	149353	201935	286605	146085	282920	209027
TAG 60:1	233789	365341	364714	363591	473381	291335	327103	281010
TAG 60:2	2102062	2987473	2658125	3266961	3180183	2162632	2868035	2316964
TAG 60:3	2031751	2943917	2186038	2768042	3037610	1969123	2702776	2193509
TAG 60:4	1896665	2805972	2229847	2169111	3153510	1782773	2418082	2264843
TAG 60:5	176886	323460	138811	198762	297275	136473	276670	177546
TAG 60:6	6983	19274	9652	8373	12903	5972	14621	19548
DAG 34:1	32581	38090	31369	23659	35139	39619	47843	29211
DAG 34:2	77312	60857	67165	38273	85824	82316	105958	62422
DAG 36:2	71465	49964	62319	71408	68844	64062	109837	72820

Rice Lipid Raw Data	GW599	GW600	GW601	GW602	GW603	GW604	GW605	GW606
DAG 36:3	94486	108455	65973	45794	92499	98197	144833	104220
DAG 36:4	124672	167800	104766	43162	133008	124007	135296	164423
DAG 36:5	16869	26770	11807	7901	20463	15828	22664	16271
Lyso-MGDG 16:0	286781	731833	523853	289526	252330	286813	220636	84440
Lyso-MGDG 18:0	11462	41341	42477	19625	30608	30901	14595	1639
Lyso-MGDG 18:1	10178	6241	3192	17960	4712	4040	23322	4398
Lyso-MGDG 18:2	80058	25616	17676	113393	34280	29349	127104	32975
Lyso-DGDG 16:0	58398	26833	45575	41261	20992	33769	39904	26983
Lyso-DGDG 18:1	16752	2985	14557	14305	7108	9788	17313	12857
Lyso-DGDG 18:2	125706	10042	55985	81386	36683	51535	88934	108980
Lyso-PC 16:0	3179803	3719539	4511571	5538777	3107371	3917812	5011005	2617328
Lyso-PC 16:3	102553	26081	82597	136240	26682	25896	124746	62484
Lyso-PC 18:0	155590	448423	322426	415565	325791	376184	432290	116933
Lyso-PC 18:1	352457	448038	991426	1325760	569937	757938	1012035	661175
Lyso-PC 18:2	2275503	494434	2343370	3194153	2420883	2155504	2937758	2717984
Lyso-PC 18:3	700742	808522	931989	1061418	681740	843351	1008635	577774
Lyso-PE 16:0	165979	254001	449874	401417	185015	405065	428605	208232
Lyso-PE 18:0	26969	16866	23397	24425	3746	3254	16094	4110
Lyso-PE 18:1	15969	16314	57028	68222	22788	48033	66373	40041
Lyso-PE 18:2	170689	22184	247459	338825	140935	270082	392940	240050
Lyso-PE 18:3	37992	57632	89593	81251	42314	85804	87901	47991
SQDG 32:0	24654	34803	49916	89245	57714	49080	39694	69028
SQDG 34:2	1987	11646	14579	11996	15417	13821	9375	24263
PG 32:0	44042	42455	37238	44592	21540	49342	40968	36918
PG 34:1	43641	27320	55677	37027	44693	44113	34488	63092
PG 34:2	38734	37491	81845	49347	37821	64793	43803	62475
PG 36:3	9648	6447	13834	11092	16546	11826	10542	17178
PS 36:0	25311	44213	43765	32224	42448	31856	16668	41496
PS 36:1	9896	18021	22440	16365	13473	12342	6277	11716
PS 38:0	381292	400329	586833	419165	501196	530856	439128	591842
PS 38:1	255531	272564	498082	321501	286008	412506	315130	368802
PS 38:2	6159	3737	14233	7882	2550	7809	4367	7393
PS 40:0	25954	21520	32036	18343	31673	33388	24992	32755
PS 40:1	329407	369210	468863	384287	583709	439205	414430	531151
PS 40:2	379066	445484	671753	522107	569965	602535	518552	596048
PS 40:3	140860	170164	339488	234624	163690	254423	216820	197171
PS 40:4	7748	6960	19297	11861	5595	11218	8391	12046
PI 34:1	124056	119823	302131	182493	232543	193126	216740	333124
PI 34:2	244497	421228	754792	506308	384645	622539	536778	497870
PI 34:3	9145	12050	26342	16640	7282	14347	10183	17833
PI 36:4	24345	42199	70072	51026	63893	56362	58871	48616

Rice Lipid Raw Data	GW607	GW608	GW609	GW610	GW611	GW612	GW613	GW614
DGDG 32:0	6734	7090	36158	9054	5655	9342	15339	9498
DGDG 34:1	12097	9978	78041	9367	4505	8921	9592	8401
DGDG 34:2	66351	69546	550033	63521	30659	56296	68029	60094
DGDG 36:2	13600	17713	82313	7563	3573	7072	9878	12493
DGDG 36:3	36861	40665	119444	29832	18652	23648	17404	24315
DGDG 36:4	100438	77883	399739	72768	56197	63009	59835	70301
DGDG 36:5	36495	18547	77320	23650	15096	23604	26542	21532
DGDG 36:6	24722	11250	74204	11996	6054	13858	26080	17245
MGDG 32:0	8321	6679	8572	3249	4639	7717	7069	4505
MGDG 34:0	6885	6886	15378	4510	4133	13536	21122	10927
MGDG 34:1	7830	12986	54832	5774	1734	3080	6743	8743
MGDG 34:2(1)	24498	35605	143412	12970	12646	30292	31362	36516
MGDG 34:2(2)	25325	56955	113820	21424	11508	22834	24851	19285
MGDG 36:3	23649	30863	47999	26234	8816	20296	12232	9302
MGDG 36:4	64721	48921	131809	36742	31042	43160	50093	40451
MGDG 36:5	27677	14691	33367	8433	10409	17885	26560	17480
MGDG 36:6	20594	12108	61793	6912	7718	15586	38517	17298
PC 32:0	226750	122833	57274	103959	157848	163507	125178	98636
PC 32:1	241348	151041	176948	188687	144895	262204	205522	285697
PC 32:2	108036	49794	90611	124280	83134	173956	80756	125315
PC 34:1	6010503	3909984	4215202	4133073	3649479	3822287	3626400	3518325
PC 34:2	3346860	1670460	2415833	3299069	2386555	3009025	2061173	1889662
PC 34:3(1)	107865	23326	41297	51209	63853	50295	28455	36524
PC 34:3(2)	37831	20228	8386	15918	24470	24173	19564	14650
PC 34:4	37431	23168	27777	28928	23081	40413	31999	43248
PC 36:1(1)	40051	28865	51556	29665	16993	24298	28930	20555
PC 36:1(2)	412622	189215	243511	175930	123794	169827	160200	164851
PC 36:2	4016274	3718913	4212650	3231327	3693654	2687235	2652730	3455644
PC 36:3	4855610	3516683	5131711	5331132	4811350	4566079	3384496	3982967
PC 36:4(1)	1908529	998268	1944842	2896301	2055523	2508223	1283066	1293298
PC 36:4(2)	673478	581332	630267	634373	549826	564620	559927	484412
PC 36:5(1)	144770	56984	99051	162385	148886	156873	65029	77013
PC 36:5(2)	527147	289736	397377	527456	403559	493226	356972	306477
PC 38:2(1)	17796	10687	9494	18543	13660	23254	9689	5530
PC 38:2(2)	17796	10687	9494	18543	13660	23254	9689	5530
PC 38:3	17378	11788	18235	28273	22763	24122	11347	13636
PC 38:4(1)	17720	12321	23358	13073	7193	10705	12821	8460
PC 38:4(2)	70401	31665	43356	29216	20767	27645	26121	26953
PC38:5	555305	511979	533975	468247	532826	432869	417399	464395
PC38:6	660483	539777	646794	644778	670723	628434	518737	523520
PE 34:1	419118	270615	237762	289408	310244	279442	258880	245438
PE 34:2	492546	219981	434965	457696	380598	469968	389253	349694
PE 34:3	14802	2148	5307	8412	10110	7082	3958	5579
PE 36:2	194905	189358	88292	137785	231232	143676	118029	150978
PE 36:3	417800	310800	216888	405403	446691	444677	332404	364755
PE 36:4	402053	214253	281422	392584	415712	496806	328901	299270
PE 36:5(1)	13920	4086	4874	13910	14994	12298	5813	7935
PE 36:5(2)	92745	47792	74842	87367	78430	92743	76507	65612
TAG 48:0	667908	631817	1346749	737986	1286128	1624126	2418559	1512419

Rice Lipid Raw Data	GW607	GW608	GW609	GW610	GW611	GW612	GW613	GW614
TAG 48:1	1511973	555966	781799	1082189	848122	1917078	1576232	1357361
TAG 48:2	2973773	709667	1901419	2281403	1395359	5061242	4052897	2869635
TAG 48:3 (1)	249279	82870	139750	195643	104827	291684	198965	208756
TAG 48:3 (2)	47964	32117	28967	29650	25734	29247	41099	36459
TAG 48:4(1)	110144	36399	67975	77456	35753	83339	64052	74085
TAG 48:4(2)	17361	9103	18423	13022	9387	19877	20344	23080
TAG 50:0	507938	474168	867161	479642	651983	722867	1159306	783485
TAG 50:1	15100000	12800000	18100000	16400000	19100000	21300000	23400000	18900000
TAG 50:2	24900000	18200000	32900000	29300000	28600000	39000000	39300000	29900000
TAG 50:3	7978410	3621786	6114081	6868866	5305584	10300000	8153639	6897333
TAG 50:4	4495510	1309136	3316085	3183400	1864531	5479466	3870973	3626921
TAG 50:5 (1)	193485	77411	180874	196902	124810	360589	171710	199041
TAG 50:5 (2)	44942	31167	27729	25352	19154	20483	22276	22808
TAG 52:0	500373	410375	657661	419569	540556	506479	666032	491568
TAG 52:1	9134512	5218142	9137786	6261530	5729675	7380185	9136756	7483398
TAG 52:2	34900000	32700000	37900000	34000000	37600000	37400000	38600000	35400000
TAG 52:3	50600000	44500000	53700000	51600000	49800000	55600000	52000000	46300000
TAG 52:4	51500000	40800000	58800000	54600000	47700000	59200000	55800000	48200000
TAG 52:5	7422748	5713678	9488084	8986581	8323305	10600000	8310440	7993526
TAG 52:6	228524	170746	330768	276278	354792	407986	264278	294288
TAG 54:0	246123	158889	241833	157985	192548	188670	240745	179917
TAG 54:1	5316773	2900958	4081140	3110532	2963955	3950772	4004514	3536512
TAG 54:2	19100000	12500000	18500000	12900000	11800000	14400000	15100000	15000000
TAG 54:3	37400000	34800000	39200000	35200000	34700000	34500000	35700000	34600000
TAG 54:4	52100000	48500000	51800000	46100000	47500000	46800000	47000000	44700000
TAG 54:5	59800000	48000000	55900000	55800000	49300000	53500000	45500000	46600000
TAG 54:6	39600000	27100000	38200000	33000000	25800000	31700000	27100000	24500000
TAG 54:7	5478086	3917590	5220108	5773185	4330378	4748464	3323400	3740663
TAG 54:8	232911	179969	253243	286866	266931	217472	135001	180498
TAG 56:0	42950	50804	93445	42246	87162	114600	128762	128876
TAG 56:1	1488661	1047926	1326714	1001779	1055866	1410368	1375841	1330789
TAG 56:2	7521452	5641003	7099888	5424957	6041809	6793426	6686989	6515150
TAG 56:3	10200000	7464694	8200429	8324272	7386792	9211622	7486917	7589724
TAG 56:4	7287526	4685819	4603708	7004987	4625445	7433835	4991101	4097828
TAG 58:0	13003	13730	24804	8459	16449	28698	30781	34778
TAG 58:1	1125893	860217	1069319	924028	1037467	1460224	1173968	1436723
TAG 58:2	3622179	2747418	3561567	3051168	3141934	4262935	3669442	3914180
TAG 58:3	2575306	1857181	1882920	2209602	1906208	2636537	1894459	2051997
TAG 58:4	2637544	1579457	1988294	2285137	1672538	2899751	1782506	1821826
TAG 58:5	233090	162076	168340	268445	237649	340279	175560	206658
TAG 60:1	370002	268642	344624	217081	283467	435618	338624	468060
TAG 60:2	2502858	2040529	2885744	1897082	2518649	2864570	2472239	3303062
TAG 60:3	3227024	2209942	2333651	2570950	2364673	3266157	2213058	2850625
TAG 60:4	3131033	1932509	2505535	2803132	2131466	3674915	2142170	2519851
TAG 60:5	243971	175202	187277	235100	257270	373235	167095	265698
TAG 60:6	7917	5686	8094	18881	14572	16384	10108	11448
DAG 34:1	36436	27810	21398	21733	45450	48829	39203	21772
DAG 34:2	79726	39990	47137	49109	77610	129879	81284	33981
DAG 36:2	78482	67566	75546	38607	73510	64035	66004	43973

Rice Lipid Raw Data	GW607	GW608	GW609	GW610	GW611	GW612	GW613	GW614
DAG 36:3	151646	80877	58268	81650	117529	142285	81907	40347
DAG 36:4	240559	99951	117064	142814	140919	239294	126616	73588
DAG 36:5	24583	14809	12021	18933	23716	30863	13336	10463
Lyso-MGDG 16:0	317344	132426	372725	261325	193426	377229	259517	371428
Lyso-MGDG 18:0	21132	6618	23270	7861	10632	17272	17701	13937
Lyso-MGDG 18:1	19229	13499	47910	13641	7094	9625	8175	17720
Lyso-MGDG 18:2	69634	68271	233391	50589	45168	70276	33820	66857
Lyso-DGDG 16:0	42303	24282	165144	43723	31906	47910	35180	61870
Lyso-DGDG 18:1	24987	14471	68188	23996	10996	15008	13214	26756
Lyso-DGDG 18:2	96230	63590	405647	123630	59644	85928	50061	114654
Lyso-PC 16:0	6213191	2876289	5738089	5040444	3809847	5985146	4233417	7751372
Lyso-PC 16:3	182468	30432	70272	126747	45152	188628	66577	198215
Lyso-PC 18:0	532949	203785	443875	238238	204233	332667	313424	414686
Lyso-PC 18:1	2004078	745010	1044969	1206551	693465	797555	602386	1771405
Lyso-PC 18:2	3908336	1962039	3653165	2953569	2933620	3129168	1955481	5672649
Lyso-PC 18:3	1109255	641849	1079398	992272	827295	1095926	887506	1177417
Lyso-PE 16:0	431444	185885	429078	395622	312698	511541	337139	573425
Lyso-PE 18:0	24937	2813	11222	19905	5323	30610	7668	23726
Lyso-PE 18:1	76341	32403	53437	66504	43956	46197	32178	72849
Lyso-PE 18:2	332072	147003	332069	323484	303059	405566	197342	455534
Lyso-PE 18:3	89446	41736	87829	83237	68715	102996	73985	111753
SQDG 32:0	39826	39941	43410	69546	50240	33769	50325	49065
SQDG 34:2	5693	12119	8068	38647	8167	8276	12658	16840
PG 32:0	19989	32213	23785	38428	22225	36069	53428	49773
PG 34:1	39468	75160	45127	35282	66103	50394	46155	34269
PG 34:2	56645	79168	34374	71499	71101	43711	63614	54370
PG 36:3	14286	13884	8767	9832	19393	15887	14208	6958
PS 36:0	28567	41908	27187	32708	35062	26049	46887	37930
PS 36:1	15611	16693	8007	13682	20617	13696	25459	12280
PS 38:0	387959	671207	475175	514972	504400	483044	459189	482660
PS 38:1	353031	495242	272735	359222	463785	368748	412732	309863
PS 38:2	14443	19975	3237	6641	9369	10831	9458	3802
PS 40:0	23585	56526	28781	37347	26635	18954	23435	24751
PS 40:1	403477	488495	471057	478901	419393	458960	353401	343810
PS 40:2	528095	622797	478224	630350	647159	602541	569260	449283
PS 40:3	294879	259539	145995	274165	391151	270570	332726	178665
PS 40:4	25862	16333	6233	9291	17647	16515	15929	6552
PI 34:1	164972	288283	234665	189709	399699	276237	262789	175556
PI 34:2	459197	586500	378147	670443	606285	441781	662109	641288
PI 34:3	18121	26054	9894	22709	15270	14580	17790	16563
PI 36:4	60119	29393	33091	59834	80916	65156	89266	41518

Rice Lipid Raw Data	GW615	GW616	GW617	GW618	GW619	GW621	GW622	GW623
DGDG 32:0	11636	10737	12341	14331	10102	30491	69450	14055
DGDG 34:1	12173	7604	9880	12062	7713	34738	55731	12444
DGDG 34:2	86650	56046	63162	85878	58715	177031	334035	65544
DGDG 36:2	12640	10357	18143	19052	9498	31216	41260	14853
DGDG 36:3	39750	18207	25698	29006	24792	48007	50339	31131
DGDG 36:4	68874	69014	72225	88313	86917	134010	124533	61853
DGDG 36:5	19998	29657	23239	28806	28718	36396	35338	17973
DGDG 36:6	7889	18156	17766	24912	26408	20776	32877	5685
MGDG 32:0	11754	10802	8154	7214	5909	16817	17094	13473
MGDG 34:0	25131	15029	41175	18951	1080	20097	42090	22726
MGDG 34:1	8510	5359	12419	12304	2633	15901	36570	13882
MGDG 34:2(1)	44978	47760	49903	50539	8280	34367	84463	37461
MGDG 34:2(2)	28368	27427	26210	28169	19229	51332	83441	37594
MGDG 36:3	25116	10885	13638	10356	6504	34828	32319	44600
MGDG 36:4	31170	54584	39146	44251	29835	82536	70593	49597
MGDG 36:5	7517	22329	10845	19280	13223	29423	29991	10913
MGDG 36:6	12973	16836	12171	23513	16458	20427	35372	5122
PC 32:0	292034	183545	208111	102056	83925	293599	97896	177404
PC 32:1	205129	339603	148997	177181	159667	393801	214906	217421
PC 32:2	135811	151658	79593	63541	77482	156069	90792	99263
PC 34:1	5319496	5740548	4223067	3695007	3025638	6173895	4369623	3816395
PC 34:2	3947760	4023235	2946463	1957901	2059987	3648207	2293658	2159108
PC 34:3(1)	102590	64178	67659	47973	90376	33349	29318	20004
PC 34:3(2)	45889	29795	33665	14545	12390	47636	15692	28016
PC 34:4	31155	53208	21859	26413	25387	59081	32162	33612
PC 36:1(1)	28889	17187	33173	22413	26716	46413	22974	17126
PC 36:1(2)	249831	239373	238289	169919	145283	261945	153065	225795
PC 36:2	4630830	4623480	3967508	3402935	2811097	4788638	3749684	3189574
PC 36:3	6663404	5909238	5203228	3758800	4045938	6011372	4789823	3993174
PC 36:4(1)	3648971	2641536	2228276	1284556	2016499	2174917	1567088	1408705
PC 36:4(2)	632877	677268	609669	562805	487393	679423	585568	551676
PC 36:5(1)	232498	134781	171756	84591	211697	95578	67003	56134
PC 36:5(2)	569919	611133	475594	332619	345165	566694	392300	377275
PC 38:2(1)	27607	13888	15640	6264	6111	8255	6040	11427
PC 38:2(2)	27607	13888	15640	6264	6111	8255	6040	11427
PC 38:3	35008	22472	22707	11653	17311	27273	16484	18324
PC 38:4(1)	12620	7840	14339	10138	11788	20733	11151	7730
PC 38:4(2)	40716	39490	39952	28894	25477	45231	26411	39475
PC38:5	522480	545739	508530	466830	448939	546316	511201	478081
PC38:6	681650	668127	661290	546307	584632	684625	656953	574062
PE 34:1	409908	456691	387702	264223	201895	452100	245964	267420
PE 34:2	584784	590500	478579	332513	277672	493542	412421	282411
PE 34:3	17558	9483	11749	8026	11404	5596	4472	3406
PE 36:2	263833	285899	261555	128984	98618	272065	120902	167263
PE 36:3	578302	559220	514125	292585	227279	502984	336630	336966
PE 36:4	530919	479534	396142	278122	291836	382429	338318	256842
PE 36:5(1)	23425	15115	16549	8408	13941	8881	5323	5156
PE 36:5(2)	102150	103469	88370	65993	59516	85811	76617	56043
TAG 48:0	2461667	2376476	1842363	1476432	914791	2208311	2888364	1694977

Rice Lipid Raw Data	GW615	GW616	GW617	GW618	GW619	GW621	GW622	GW623
TAG 48:1	1408071	1869052	1084293	856807	822395	1834883	1431940	1308021
TAG 48:2	3291720	3776028	2063249	1794569	1618002	3481821	3415860	2247637
TAG 48:3 (1)	209023	206527	142049	154919	130986	226221	204508	153111
TAG 48:3 (2)	34336	22715	17987	41157	35441	43262	17200	40567
TAG 48:4(1)	74991	62725	46391	67553	63504	81848	55583	49745
TAG 48:4(2)	23525	15761	11144	26323	11554	14673	13560	12345
TAG 50:0	976602	1082099	1002875	792863	594629	1054511	1181378	932526
TAG 50:1	24600000	25100000	22000000	19000000	15100000	23200000	23500000	19300000
TAG 50:2	42800000	40800000	33400000	31100000	25700000	36300000	40800000	32600000
TAG 50:3	9147421	9121963	6645886	5941351	5358985	9255324	8064806	6092098
TAG 50:4	3631712	3641961	2085749	2318474	3004073	4179652	2831737	1986235
TAG 50:5 (1)	247014	189796	116839	124282	144326	169854	155311	126971
TAG 50:5 (2)	27860	13863	14147	28355	31490	24919	10430	20100
TAG 52:0	566586	693138	644199	540112	479495	828885	717344	715630
TAG 52:1	9452105	9365512	9544017	7761036	6741650	7781906	8857293	7129624
TAG 52:2	39000000	39900000	38600000	38600000	35300000	38700000	39300000	36300000
TAG 52:3	54800000	56000000	52300000	50700000	49600000	53900000	54300000	49800000
TAG 52:4	62400000	58800000	53400000	53100000	50400000	56200000	52800000	45400000
TAG 52:5	13400000	10500000	9130274	8955559	7578414	7958796	8406279	7088805
TAG 52:6	576693	430471	318175	344811	257671	226336	293023	235995
TAG 54:0	190447	236935	238014	201136	183560	360579	247844	279415
TAG 54:1	3933653	4248526	4691217	3859025	2989492	4383015	4223029	3349768
TAG 54:2	17400000	15900000	17500000	15700000	14100000	16000000	16900000	13500000
TAG 54:3	36300000	36100000	36100000	37200000	36900000	36900000	36500000	34900000
TAG 54:4	49500000	53400000	49300000	47700000	49900000	51700000	48600000	43100000
TAG 54:5	56000000	53300000	51600000	52900000	53600000	57900000	48000000	42500000
TAG 54:6	33200000	29600000	27400000	29500000	34100000	31900000	22500000	20500000
TAG 54:7	6619663	4893112	4224108	4670893	5206779	3959337	3277243	3274053
TAG 54:8	387847	269357	234918	282928	285417	145414	160647	175998
TAG 56:0	126845	167901	127471	120327	61635	130159	154886	116582
TAG 56:1	1259256	1448513	1711286	1409786	922674	1585518	1497558	1103467
TAG 56:2	6974960	7330913	8010546	7138948	5507648	7610010	7793850	5781937
TAG 56:3	8420315	8358388	9196388	8363412	7519809	10200000	8692940	7182127
TAG 56:4	5088445	4561097	5369252	4896995	4513694	5150886	4625738	4272459
TAG 58:0	23946	43415	34293	29094	15576	36481	33331	27542
TAG 58:1	1234201	1566507	1442318	1443769	848687	1496117	1306818	992449
TAG 58:2	3904037	4321317	4412072	3947395	2800673	4256605	3911549	2863522
TAG 58:3	2134957	2182920	2501165	2299782	1634103	2629481	2330282	1771961
TAG 58:4	2184653	2052993	2379803	2130247	1617786	2243240	2094844	1419581
TAG 58:5	302673	244374	287554	256831	200106	298792	252493	211809
TAG 60:1	348256	543122	417509	441442	275652	449869	338095	316624
TAG 60:2	2801685	3309129	3112651	3378464	2320459	3188318	2811676	2253952
TAG 60:3	2518856	2996341	2935379	2961219	2204131	3197554	2446183	2050994
TAG 60:4	2553612	2643739	2557354	2745778	2219986	2698536	2222969	1588055
TAG 60:5	304714	292272	280842	296117	189220	202440	226484	165497
TAG 60:6	14596	15845	13837	13445	23122	12222	11188	7752
DAG 34:1	39775	54325	47604	19677	24394	42246	28357	22579
DAG 34:2	77777	107112	87916	28737	41526	72891	47831	41539
DAG 36:2	66654	86182	81995	40350	70416	66549	48181	46040

Rice Lipid Raw Data	GW615	GW616	GW617	GW618	GW619	GW621	GW622	GW623
DAG 36:3	75381	120396	123253	49574	80234	131389	68332	51757
DAG 36:4	105774	140117	135433	88734	117646	165937	89530	60159
DAG 36:5	18850	18853	20608	12693	14050	17790	14490	10579
Lyso-MGDG 16:0	329475	237336	419013	320849	62816	283333	345837	232411
Lyso-MGDG 18:0	18029	16376	42982	22291	1044	15052	23016	17855
Lyso-MGDG 18:1	13037	4458	15945	16333	3723	26248	24022	12600
Lyso-MGDG 18:2	83428	26737	62753	93785	27110	95345	79976	58032
Lyso-DGDG 16:0	57491	17775	55052	75909	22905	78738	152042	31514
Lyso-DGDG 18:1	19471	5005	22480	27349	11459	24242	31430	10608
Lyso-DGDG 18:2	141292	23955	86592	175824	89067	99867	120342	47718
Lyso-PC 16:0	4955762	3167308	5282203	6120441	1933498	3915247	4430793	3677110
Lyso-PC 16:3	73721	46924	37710	56512	41057	130801	41934	71027
Lyso-PC 18:0	270133	225553	579237	372427	89360	298503	328970	328786
Lyso-PC 18:1	898860	594060	985968	1036606	478872	955891	688007	1020490
Lyso-PC 18:2	3943573	1942502	2988866	4483783	1909548	2127035	1678834	2063474
Lyso-PC 18:3	985311	694037	1030958	1110729	426978	838685	915435	809819
Lyso-PE 16:0	370610	247181	500783	439553	140437	251029	288157	322744
Lyso-PE 18:0	14977	6712	7264	6176	2719	24112	7382	10558
Lyso-PE 18:1	47099	32002	65326	48665	24785	45503	32021	58512
Lyso-PE 18:2	381751	167680	397105	422192	155802	209369	154125	217019
Lyso-PE 18:3	77717	55492	95822	88153	34166	54042	63069	68175
SQDG 32:0	43187	40872	54904	37740	48469	41607	73622	68147
SQDG 34:2	14430	15598	19112	11552	14338	7859	40724	23192
PG 32:0	46750	54441	36872	49731	47633	20751	50196	60013
PG 34:1	37630	88453	56644	58345	35921	38321	81883	38103
PG 34:2	45417	80682	54387	64748	49075	57160	83637	60229
PG 36:3	9476	28287	13488	18043	10026	12306	20160	8008
PS 36:0	56086	39255	57834	27939	32152	29484	60552	38512
PS 36:1	21040	20730	22967	13178	9781	12883	18282	13296
PS 38:0	534586	645836	674747	563551	455561	394374	665942	568277
PS 38:1	342319	558889	541276	422313	285491	328066	498845	329470
PS 38:2	6290	18110	10870	11442	7496	15196	5142	3892
PS 40:0	27852	38779	36145	36761	25786	20035	37808	22815
PS 40:1	495264	551287	528778	484036	421398	380506	537180	467223
PS 40:2	605062	747086	688106	651002	503286	522759	704931	596878
PS 40:3	212720	436886	323278	301349	177482	271687	288487	205294
PS 40:4	10419	28249	15543	19986	8404	24737	12116	7119
PI 34:1	242457	285441	411578	250348	176111	166755	381696	236530
PI 34:2	661346	483259	750444	476847	571142	487101	755607	722545
PI 34:3	22231	16400	18837	15334	21075	22288	17674	18240
PI 36:4	53798	68860	59574	62886	45616	56022	86994	61226

Rice Lipid Raw Data	GW626	GW627	GW628	GW630	GW631	GW633	GW635	GW637
DGDG 32:0	14107	15679	22826	9958	10012	63317	35822	23753
DGDG 34:1	10238	12615	28579	12049	4807	111009	34133	67151
DGDG 34:2	135358	82150	255619	58659	48784	737525	252358	296902
DGDG 36:2	20532	14518	41109	8538	5859	116324	36728	41878
DGDG 36:3	27138	23456	45206	22373	15525	103212	38641	92494
DGDG 36:4	93844	77938	175526	47664	65897	292000	131511	158534
DGDG 36:5	12708	31970	34074	17160	18614	54868	38245	56343
DGDG 36:6	3832	32464	40749	9084	10329	57505	36561	75310
MGDG 32:0	9787	7275	9555	9550	10383	19351	25777	11414
MGDG 34:0	11838	22771	19573	13567	28007	46831	45217	63916
MGDG 34:1	5146	12165	27994	11327	7858	35625	43799	73494
MGDG 34:2(1)	67349	66190	137376	40535	53588	131512	170136	123823
MGDG 34:2(2)	58070	36785	69388	16051	26664	175194	95938	88587
MGDG 36:3	34850	13186	33555	15358	16664	43812	18199	46643
MGDG 36:4	65256	59602	76259	34850	40672	128914	86660	57332
MGDG 36:5	10679	24342	22293	18731	10142	37203	28412	25797
MGDG 36:6	8041	40988	35434	13711	6858	63911	36591	49799
PC 32:0	115155	163347	91822	208160	198643	107533	137225	236903
PC 32:1	132978	242458	278490	269765	202943	146384	131694	446072
PC 32:2	113266	115478	182709	109206	117558	56125	61569	237948
PC 34:1	2773596	4821852	3703073	5081114	3813939	4381853	3948044	6382518
PC 34:2	2527661	3245579	2729810	3007388	2586907	2275910	2440569	4383868
PC 34:3(1)	29546	66939	33621	37335	47442	56542	62240	90503
PC 34:3(2)	15300	24682	13493	34032	31569	17154	21178	36462
PC 34:4	19966	34687	42322	40927	29731	21078	20623	68941
PC 36:1(1)	21717	23356	31965	24851	18995	30661	30694	26696
PC 36:1(2)	110238	228787	178652	250984	163304	158790	181944	265854
PC 36:2	2025779	3341518	2508445	4330863	3277626	3758201	3307178	4345513
PC 36:3	4410162	4857997	4387263	5354844	4358989	4546615	4258874	6821491
PC 36:4(1)	2652041	2117250	2135725	1824255	2010644	1668442	1758324	3152352
PC 36:4(2)	467257	634715	574416	668917	584796	594036	577467	681480
PC 36:5(1)	125976	127342	96592	84169	137500	108677	131399	223494
PC 36:5(2)	417970	535128	460152	493653	432611	385888	412421	626114
PC 38:2(1)	21447	10906	13265	26495	13883	9478	8680	10659
PC 38:2(2)	21447	10906	13265	26495	13883	9478	8680	10659
PC 38:3	23182	16431	15949	31272	18621	17479	19833	31090
PC 38:4(1)	9670	10088	13297	10322	8321	14776	13309	11863
PC 38:4(2)	18674	37783	29240	40780	26138	27344	29175	43197
PC38:5	340765	491865	406631	575144	478541	488095	446017	500753
PC38:6	604517	669672	632595	700509	598199	646256	589927	752431
PE 34:1	261777	336656	185209	259216	284934	221994	228909	412667
PE 34:2	536902	586601	433695	346004	386591	409806	441293	710305
PE 34:3	6277	9656	4633	3493	7344	6340	8998	14730
PE 36:2	121903	142955	62025	205159	192448	90966	148241	152806
PE 36:3	471715	414517	291690	427342	410083	276168	390629	434652
PE 36:4	576277	461693	401660	335555	351397	298937	379725	463206
PE 36:5(1)	14683	9880	7299	7876	9318	6256	12209	19048
PE 36:5(2)	99346	109717	81359	66529	75469	71789	83036	112744
TAG 48:0	884373	1934534	1482614	2218563	1873269	2386864	2646705	1892038

Rice Lipid Raw Data	GW626	GW627	GW628	GW630	GW631	GW633	GW635	GW637
TAG 48:1	776997	992949	1545913	1560136	1469975	968210	1101471	3867788
TAG 48:2	2090825	2174833	5465806	2671785	3699650	1925245	2521894	9487141
TAG 48:3 (1)	148385	160464	324917	189309	170949	121147	125383	648619
TAG 48:3 (2)	24466	65083	16767	44254	23724	30277	34554	76077
TAG 48:4(1)	63445	74579	101266	60661	80812	34860	41341	195786
TAG 48:4(2)	15533	35295	16871	23104	19888	16879	18459	60447
TAG 50:0	328478	957589	617147	921087	787723	966556	1136224	692202
TAG 50:1	15400000	21000000	18800000	23900000	20800000	23200000	22500000	25900000
TAG 50:2	31800000	38200000	38800000	38200000	37100000	38200000	39400000	45300000
TAG 50:3	5972174	6745155	9866143	7836705	7178108	6412225	6414998	14800000
TAG 50:4	2943834	2984006	6706206	3090454	4648061	1623719	2225363	9124998
TAG 50:5 (1)	180879	150728	392306	180760	170497	103096	98721	566621
TAG 50:5 (2)	20165	52443	13848	26838	16837	14221	18189	57129
TAG 52:0	271453	589968	381450	552003	421446	582013	615949	405781
TAG 52:1	3995694	9080581	7114439	8866282	7854753	9332110	9387073	10100000
TAG 52:2	30800000	36700000	35800000	39000000	38300000	38700000	37800000	39600000
TAG 52:3	50500000	54000000	54500000	53800000	54200000	52800000	54000000	58800000
TAG 52:4	53200000	62700000	61500000	57500000	56700000	52500000	53700000	69300000
TAG 52:5	9601603	11300000	10900000	10400000	8875217	8839526	7532342	14500000
TAG 52:6	264594	393497	390836	387660	259281	341253	274478	536444
TAG 54:0	123161	220801	149552	208041	146115	228596	214066	170152
TAG 54:1	2285303	4340749	3165844	4543286	3114218	4420198	4304552	4412738
TAG 54:2	9584114	17100000	14000000	16200000	14600000	16300000	16100000	18200000
TAG 54:3	27800000	36800000	33100000	36600000	34900000	37700000	36500000	37900000
TAG 54:4	42400000	52200000	47100000	48900000	48600000	48900000	47000000	52400000
TAG 54:5	53600000	58000000	56200000	50600000	51600000	44800000	46700000	64300000
TAG 54:6	32800000	38300000	33100000	31700000	32900000	23000000	22500000	41100000
TAG 54:7	5713700	6759950	5133885	5046877	4381536	3229162	2572438	7228746
TAG 54:8	271151	375605	230933	272517	197009	150750	110092	348964
TAG 56:0	58908	142746	90886	138217	105992	149509	135201	85494
TAG 56:1	784205	1493448	1107522	1511618	948684	1460277	1383791	1398059
TAG 56:2	4457343	7386305	5607126	7666320	5272080	7246102	6860402	6739633
TAG 56:3	7170449	8890446	7434280	8931870	6384527	8106463	7330120	9431066
TAG 56:4	6989776	5869057	6946661	4663868	4064951	4375583	4648726	5904587
TAG 58:0	10749	43277	23041	34810	23146	37127	28425	20148
TAG 58:1	810758	1453218	1091733	1628307	954178	1465622	1161592	1460260
TAG 58:2	2899091	4266322	3651155	4012250	2901842	3922001	3544221	4031932
TAG 58:3	2181066	2445027	2140144	2211918	1549302	2155247	1968507	2378616
TAG 58:4	2543788	2430269	2751973	1914742	1502360	1882744	1922516	2554216
TAG 58:5	275083	288048	292345	226043	150453	235569	235353	316061
TAG 60:1	179410	500241	336305	503825	291441	425026	285825	424916
TAG 60:2	1637220	3355595	2407772	3334047	2202010	3089824	2257814	2756712
TAG 60:3	2408233	3261535	2658396	2824857	1914149	2575817	2041321	3317009
TAG 60:4	2929403	3362533	3531866	2430833	1911104	2258795	2011759	3346147
TAG 60:5	295637	329415	343303	263915	152337	219326	181432	277917
TAG 60:6	10130	13546	11667	13057	9042	16372	18274	32841
DAG 34:1	35475	57610	34768	77836	46225	84064	52541	28894
DAG 34:2	104344	120833	99865	104527	102706	164674	99513	41807
DAG 36:2	54202	88838	58314	87552	72281	105652	80928	42051

Rice Lipid Raw Data	GW626	GW627	GW628	GW630	GW631	GW633	GW635	GW637
DAG 36:3	177686	222693	131089	180804	150160	240101	99982	96062
DAG 36:4	300266	332462	251882	215471	209971	248839	122918	165241
DAG 36:5	33979	41490	29231	28760	20618	34696	14755	20062
Lyso-MGDG 16:0	179669	312018	417363	327103	277460	395284	394757	930253
Lyso-MGDG 18:0	7885	22393	15480	22426	25418	26374	31503	36743
Lyso-MGDG 18:1	6511	8676	20396	9736	2775	21456	10260	24306
Lyso-MGDG 18:2	71377	37477	137587	38177	22756	108025	66619	42357
Lyso-DGDG 16:0	47747	39997	112899	40222	20724	213324	96864	172188
Lyso-DGDG 18:1	9839	10538	28623	18044	8017	43258	15979	41927
Lyso-DGDG 18:2	102725	47006	216703	66059	41901	213108	98151	77924
Lyso-PC 16:0	3856999	4976723	4726875	4781765	3343586	4651722	4566659	2895700
Lyso-PC 16:3	84561	45750	148929	49453	58667	34866	43698	34042
Lyso-PC 18:0	171062	345999	212127	326086	211430	358695	309266	201474
Lyso-PC 18:1	416982	1027206	510877	1240784	451444	655798	566564	590622
Lyso-PC 18:2	2493216	3180960	2658565	3062522	1924511	2077195	2127558	473496
Lyso-PC 18:3	821411	972502	937620	940512	728593	932026	913742	632792
Lyso-PE 16:0	336168	447895	310081	248285	294418	333090	448838	185520
Lyso-PE 18:0	10906	5668	37085	12474	11035	7152	7880	53131
Lyso-PE 18:1	30213	54973	24465	44737	27503	34504	41073	21495
Lyso-PE 18:2	353650	358405	277002	235617	185686	227024	300199	26290
Lyso-PE 18:3	69643	88738	66090	53716	64933	68945	91144	41497
SQDG 32:0	66940	18199	39329	56401	34432	25865	122292	64934
SQDG 34:2	11113	11220	23958	26063	9855	7729	42700	28405
PG 32:0	38881	49559	49967	44808	37772	51017	62835	61742
PG 34:1	56162	39858	50037	29934	49285	51791	45059	52612
PG 34:2	49308	62265	85227	69913	47072	55902	73939	72418
PG 36:3	14376	13970	10599	7478	11620	14727	8950	12505
PS 36:0	40583	24467	44218	47698	45013	38690	27519	25701
PS 36:1	15821	18351	15801	25730	15938	19526	7976	9788
PS 38:0	486293	407730	629487	516211	609293	482053	531436	504875
PS 38:1	331300	414236	455914	391347	427699	410818	353859	375272
PS 38:2	2452	4162	10554	5097	6091	7307	8972	9353
PS 40:0	32309	15741	34648	27920	36070	27121	23228	28128
PS 40:1	439629	294657	435558	344656	510910	395593	436544	423422
PS 40:2	511582	553218	596460	548825	628287	549797	553512	553640
PS 40:3	200780	353329	278766	278519	240069	264009	212148	244085
PS 40:4	7279	13138	13096	10032	9027	13013	11459	13299
PI 34:1	315737	214910	205989	118536	223861	273227	317698	182861
PI 34:2	480208	563802	738352	531434	434006	531201	872212	541165
PI 34:3	10341	14803	22446	13708	11490	11920	31529	17651
PI 36:4	69300	86619	50488	46617	55381	56104	53034	46158

Rice Lipid Raw Data	GW638	GW639	GW640	GW641	GW642	GW643	GW644	GW645
DGDG 32:0	43697	7327	44768	6858	22276	23833	12844	18094
DGDG 34:1	27271	14212	31987	13865	27629	19433	12049	18794
DGDG 34:2	182026	73020	184004	77540	145580	132667	91447	118572
DGDG 36:2	26502	9934	28645	9053	43932	29586	13471	24609
DGDG 36:3	42178	45900	34953	27160	52382	35629	34340	45027
DGDG 36:4	113102	129968	99061	82034	112381	88955	91437	101654
DGDG 36:5	38463	55821	27842	30161	32908	32585	19297	22337
DGDG 36:6	27720	33978	26047	19527	16407	23882	10453	8286
MGDG 32:0	26496	5921	22138	3654	23826	13196	9682	13360
MGDG 34:0	37674	1173	47629	17542	39319	30105	10972	23367
MGDG 34:1	20280	4019	37113	10626	20634	11455	8560	12809
MGDG 34:2(1)	81947	6623	108030	22137	52380	61063	48953	72826
MGDG 34:2(2)	79294	25138	67389	21107	85101	50863	28383	53012
MGDG 36:3	30334	18811	23771	19161	40527	25510	26688	35551
MGDG 36:4	61820	65483	68164	40430	73551	65503	46729	77557
MGDG 36:5	24467	29938	27676	12599	18790	25629	14312	20681
MGDG 36:6	24806	31444	36634	14958	7528	20681	10458	8866
PC 32:0	170229	249367	140724	265559	176980	121997	194125	124715
PC 32:1	378566	521790	268555	235487	232179	179998	296527	294151
PC 32:2	157826	256569	98295	159579	107051	88704	122997	126492
PC 34:1	4755479	6436529	4493986	4750316	3956765	3713583	5106850	4240036
PC 34:2	2844747	4491891	2227989	4629046	2337322	2186154	2861363	2514974
PC 34:3(1)	87484	220950	34132	88357	24512	54742	60595	43819
PC 34:3(2)	26414	40256	21992	45085	27944	19292	31230	17675
PC 34:4	57136	83236	40426	36171	34276	27167	45335	42947
PC 36:1(1)	27637	24366	23101	31716	18253	27200	26746	33055
PC 36:1(2)	285405	376803	213711	193712	261456	143903	230299	219404
PC 36:2	3874303	4909137	3877534	3447893	4270622	3207279	4712395	4242517
PC 36:3	5021651	7759719	4540374	6449550	5142694	4394128	5901068	5190351
PC 36:4(1)	2023146	3520010	1769255	4274024	1881933	1648825	2241415	2109982
PC 36:4(2)	635606	676256	608826	667783	576699	585526	685147	602781
PC 36:5(1)	187623	381404	89956	304874	95277	114838	127515	144447
PC 36:5(2)	473488	651602	374551	655730	402427	375612	471131	423187
PC 38:2(1)	9925	20900	11021	25538	15988	10585	10555	17306
PC 38:2(2)	9925	20900	11021	25538	15988	10585	10555	17306
PC 38:3	17969	46241	23235	38738	24809	15382	23085	25336
PC 38:4(1)	12418	10454	10312	13868	7767	11645	12553	14461
PC 38:4(2)	47104	61803	35345	31499	46419	25143	38251	37080
PC38:5	498602	573923	478453	512298	537427	483404	570871	564332
PC38:6	653640	752564	621836	713355	652511	627659	673561	679421
PE 34:1	378137	674095	235376	381260	404747	323486	449042	373950
PE 34:2	480777	860464	379866	682514	402673	476518	474560	528969
PE 34:3	13239	38360	2748	14841	4395	10611	11803	8967
PE 36:2	204503	335908	137375	166843	287956	183783	336888	263380
PE 36:3	461018	782148	354557	515329	485834	457599	614418	560668
PE 36:4	447877	704078	369603	579343	337468	395118	450316	519639
PE 36:5(1)	18685	43776	5921	25558	7404	11660	15923	16326
PE 36:5(2)	88199	125497	73410	114641	73374	91716	93485	98822
TAG 48:0	2396630	999205	2664399	844045	2349702	1928261	1757320	2077424

Rice Lipid Raw Data	GW638	GW639	GW640	GW641	GW642	GW643	GW644	GW645
TAG 48:1	2276775	1980843	1717427	1278263	1670215	1195427	1721525	1634580
TAG 48:2	4335211	4015321	4261130	2591896	3295705	2496016	3296515	3617856
TAG 48:3 (1)	306207	280788	250156	203225	244869	140635	284790	266455
TAG 48:3 (2)	22309	27950	48389	42114	36720	17089	54398	38852
TAG 48:4(1)	75068	112137	85246	86837	66269	51500	102873	69225
TAG 48:4(2)	11849	24475	27275	21947	16173	9540	20495	16358
TAG 50:0	1271464	515048	1186796	388919	1236822	946778	780301	950356
TAG 50:1	23100000	19800000	22000000	18500000	24500000	21000000	22800000	22600000
TAG 50:2	37600000	36100000	41000000	33600000	39000000	35300000	35800000	36400000
TAG 50:3	10700000	10500000	8952862	7684706	8217707	6818873	9102404	8920580
TAG 50:4	5012582	6548980	4328371	3472352	3132745	2867646	4450196	4051634
TAG 50:5 (1)	334390	375780	213559	200278	187773	159370	242785	329945
TAG 50:5 (2)	11163	30118	29258	39360	20060	11140	46279	22100
TAG 52:0	769793	389894	718930	304073	732198	576539	537023	548029
TAG 52:1	11900000	8716511	9842904	6640874	11100000	9125789	9267268	8797257
TAG 52:2	39500000	38800000	39100000	36800000	40000000	37900000	39700000	40200000
TAG 52:3	56500000	56000000	55200000	55300000	54500000	54600000	55500000	56500000
TAG 52:4	58700000	59700000	58900000	59000000	54600000	55500000	59400000	56700000
TAG 52:5	10800000	11500000	8729346	11500000	9590444	9718157	11100000	11300000
TAG 52:6	516660	740654	301199	389508	324117	356919	406548	474778
TAG 54:0	287916	162439	288788	129587	293206	216788	216854	201529
TAG 54:1	5874585	4011280	5233612	3076905	5261200	4222544	4983571	4024015
TAG 54:2	21000000	16400000	18400000	13700000	19400000	16600000	18800000	15800000
TAG 54:3	38100000	38100000	37700000	35400000	37600000	36400000	39900000	37400000
TAG 54:4	51200000	52500000	51200000	50500000	52000000	49000000	53200000	50200000
TAG 54:5	55200000	61200000	53300000	63300000	51900000	53100000	58600000	53100000
TAG 54:6	30800000	39500000	29900000	40400000	26600000	30400000	36300000	28400000
TAG 54:7	5123383	6605169	3557817	7543370	4205682	5020287	6443451	5715840
TAG 54:8	333113	471357	145829	431529	213473	284328	357962	365254
TAG 56:0	168892	71580	175261	51104	157921	114289	124990	136877
TAG 56:1	2004898	1413412	2013394	1028925	1829385	1369027	1911025	1448710
TAG 56:2	9560169	6837702	9265708	5658885	8856250	6884967	9757874	7303750
TAG 56:3	10100000	10100000	11000000	9170862	10100000	8176630	11700000	9108010
TAG 56:4	5282554	6628276	5697924	7064665	4826722	4965069	5864019	5413946
TAG 58:0	42341	18681	46591	9636	43359	27107	30398	34545
TAG 58:1	1682144	1364401	1769506	1049066	1441516	1154292	1709103	1339887
TAG 58:2	4703990	3851212	5128081	3158419	4317444	3516293	5058735	3911376
TAG 58:3	2738060	2721885	2938327	2538320	2721534	2167709	3263054	2565296
TAG 58:4	2616467	2800200	2677630	2676394	2379325	1987037	3130873	2100475
TAG 58:5	343337	345540	278416	331616	248855	254020	383597	305230
TAG 60:1	501408	433589	574028	273972	423636	355062	523913	389492
TAG 60:2	3694566	3127815	3954635	2111235	3222205	2580682	4033257	2945659
TAG 60:3	3222259	3491361	3398618	3089732	2857796	2602455	3759150	3030384
TAG 60:4	2800421	3504507	3298617	3308635	2356723	2320478	3337432	2440727
TAG 60:5	315690	361808	254906	294333	237965	246836	384023	352006
TAG 60:6	25877	33127	11586	25415	10779	14570	17376	21130
DAG 34:1	98865	59381	42918	22373	83131	46203	71637	72577
DAG 34:2	163558	126732	72664	47696	147329	87063	108879	124548
DAG 36:2	114655	106436	62848	37398	112568	74797	108810	85623

Rice Lipid Raw Data	GW638	GW639	GW640	GW641	GW642	GW643	GW644	GW645
DAG 36:3	416068	193294	141743	112954	261484	136480	222625	187828
DAG 36:4	337829	253406	187075	188926	220397	190942	257536	220624
DAG 36:5	46234	34298	17969	25791	26863	24068	32899	41961
Lyso-MGDG 16:0	261881	135568	391710	281814	273375	222026	185627	289860
Lyso-MGDG 18:0	19396	2044	28017	13683	33840	17970	6891	16807
Lyso-MGDG 18:1	12531	13185	17083	15541	35425	10764	11928	14292
Lyso-MGDG 18:2	65628	56897	60691	48518	152470	64866	71777	82554
Lyso-DGDG 16:0	57435	35767	86783	31291	68680	49124	38693	61313
Lyso-DGDG 18:1	13082	18713	28835	21937	24175	14526	16428	19831
Lyso-DGDG 18:2	67610	90374	111096	65328	98173	60098	98649	104565
Lyso-PC 16:0	3233887	4293782	4011865	5936067	3944739	2986081	3315147	4378862
Lyso-PC 16:3	104561	167205	65020	96775	68488	37197	81753	127974
Lyso-PC 18:0	231511	180312	233106	349119	421686	241452	125861	299873
Lyso-PC 18:1	634463	1104931	734505	1468977	975731	426488	653945	686657
Lyso-PC 18:2	1987728	2711917	2219656	2961174	2267760	1411477	2533323	2810609
Lyso-PC 18:3	699935	889316	837011	1051042	828605	651077	723312	899785
Lyso-PE 16:0	318839	391636	288771	440711	423421	264523	261480	484684
Lyso-PE 18:0	17170	20596	13460	17372	14821	7976	15696	28632
Lyso-PE 18:1	47450	68539	37909	77547	71930	34655	38923	57774
Lyso-PE 18:2	282881	356794	242936	319982	368201	206370	276807	446107
Lyso-PE 18:3	66130	82883	63670	90922	87237	59173	57836	95050
SQDG 32:0	98074	62393	70612	68601	54187	91892	47667	43413
SQDG 34:2	26022	19553	35876	25204	15733	23606	22847	12339
PG 32:0	65906	59813	55940	51587	48689	63904	60138	45190
PG 34:1	79873	52051	68188	35700	55524	56646	43885	60844
PG 34:2	124905	59483	71852	47882	71727	50246	50978	44621
PG 36:3	16948	8959	20006	8353	14859	19250	9729	16132
PS 36:0	72120	62257	76085	48991	51240	43526	33488	49905
PS 36:1	30618	20848	32369	15529	24050	15400	13487	21413
PS 38:0	732368	597268	716417	525034	604469	549710	500467	617106
PS 38:1	552801	400484	541503	359465	490599	388187	343183	407683
PS 38:2	16466	15407	34009	5046	11227	4216	8586	9324
PS 40:0	43457	42129	55027	32867	34939	39274	23724	34388
PS 40:1	431057	446892	511880	468977	476352	521584	390658	544171
PS 40:2	693848	591492	770890	589012	683160	634295	536187	671875
PS 40:3	403154	267542	416349	228857	363489	257731	211178	291704
PS 40:4	24684	19987	40717	8315	21016	10062	11589	14997
PI 34:1	364480	319564	486208	166983	200140	265696	355707	361622
PI 34:2	844597	721213	842150	565101	454523	470109	806705	460988
PI 34:3	36098	34660	45090	14703	13749	8661	26967	14754
PI 36:4	64606	49750	100844	47232	46950	96613	70402	49524

Rice Lipid Raw Data	GW646	GW647	GW648	GW649	GW651	GW652	GW654	GW655
DGDG 32:0	13818	23285	20359	17083	20769	11834	20788	13330
DGDG 34:1	11492	25849	14264	11126	14667	10219	14753	9875
DGDG 34:2	98613	146737	132372	100162	136456	69593	112361	95957
DGDG 36:2	18803	28633	22535	16893	16283	10639	23390	13115
DGDG 36:3	27602	46845	32576	22276	30672	21196	30381	27480
DGDG 36:4	93372	106334	86036	74386	76280	70727	58437	72775
DGDG 36:5	27950	22721	24077	19183	16872	25234	24182	23297
DGDG 36:6	19369	10940	14865	12112	11546	23364	25024	25288
MGDG 32:0	8078	15447	15085	11351	16890	5120	12607	9942
MGDG 34:0	10983	39334	36295	8096	31298	7663	16338	16045
MGDG 34:1	4157	15826	13286	6970	7282	4607	6354	5797
MGDG 34:2(1)	40957	77360	88358	61884	52648	37711	60169	70861
MGDG 34:2(2)	30527	59404	63640	42929	65171	22771	45221	44448
MGDG 36:3	29034	41524	41430	21721	32473	13602	29250	23443
MGDG 36:4	76993	70736	62558	68503	47907	45124	53833	43708
MGDG 36:5	27734	20709	13685	26665	13640	20504	22426	24398
MGDG 36:6	23408	9908	11360	25966	8116	28005	25217	43636
PC 32:0	126511	156946	278167	92774	205083	113242	132301	144759
PC 32:1	281143	188509	197946	307718	168746	184826	284938	177437
PC 32:2	125190	108908	120801	127843	107903	69505	125869	132461
PC 34:1	4543983	4615988	5087060	3584905	3578838	3246373	3628480	3813681
PC 34:2	2392416	3024476	3826159	2054152	3038626	1690689	2262945	3096850
PC 34:3(1)	43591	34701	81955	36174	54342	33815	46312	63561
PC 34:3(2)	18417	21463	46472	13487	32644	14489	20004	21906
PC 34:4	41479	28005	31193	48076	24618	25596	45359	26367
PC 36:1(1)	28354	31869	22592	29981	18976	16273	20672	30233
PC 36:1(2)	159700	236013	185333	133605	83789	126367	173571	120839
PC 36:2	3487998	3827921	3419433	3030908	1759499	2640960	2767055	2406117
PC 36:3	4887290	5635057	5709776	4217585	3694883	2956738	3732307	4589420
PC 36:4(1)	1909921	2314712	2913513	1490319	2126363	1152170	1488309	2683020
PC 36:4(2)	641670	627918	625999	567623	564332	385551	549354	564880
PC 36:5(1)	115227	139555	155739	90953	117775	60087	103034	125435
PC 36:5(2)	406557	486948	568704	352814	498960	241928	369958	488955
PC 38:2(1)	10548	12858	11743	13447	20655	4838	10562	14660
PC 38:2(2)	10548	12858	11743	13447	20655	4838	10562	14660
PC 38:3	15854	21254	20406	13696	20655	10835	15206	21439
PC 38:4(1)	12058	13091	9439	12188	7811	6927	9367	13216
PC 38:4(2)	25931	39678	31007	21269	14000	19141	26897	20383
PC38:5	492229	507878	466992	480261	303376	303248	423224	375289
PC38:6	662542	669788	657918	594519	537764	328841	505976	566332
PE 34:1	356314	352869	420306	243682	231651	239496	275097	263802
PE 34:2	593742	546888	590880	380788	447578	323289	448917	530657
PE 34:3	8268	7341	14723	6036	7860	4464	7376	10191
PE 36:2	180119	215646	211593	128653	76878	127720	138257	93677
PE 36:3	478478	477704	509897	389819	302965	336669	378709	400822
PE 36:4	533494	475926	492741	346229	386906	292245	387070	483471
PE 36:5(1)	13965	9364	17113	10089	10983	6165	9635	14130
PE 36:5(2)	106261	94924	105334	76852	85910	57446	86270	101022
TAG 48:0	2339739	3134207	2451008	1668819	1661702	1447160	1962702	1020625

Rice Lipid Raw Data	GW646	GW647	GW648	GW649	GW651	GW652	GW654	GW655
TAG 48:1	1444182	1525676	1292420	1658732	1269586	944239	1583962	1062689
TAG 48:2	3631164	3767957	3296296	3744867	4334252	1927725	4879929	3113123
TAG 48:3 (1)	253448	149913	182199	297054	251292	142731	324237	158616
TAG 48:3 (2)	44953	17057	68572	25753	40624	20671	39543	43993
TAG 48:4(1)	73843	47491	80156	107349	88387	46716	97093	85227
TAG 48:4(2)	27278	6464	19996	15747	25345	12651	20906	20556
TAG 50:0	952157	1486750	900046	742499	533120	593675	905470	406973
TAG 50:1	22200000	24900000	23200000	19400000	20000000	16500000	20300000	17200000
TAG 50:2	38600000	41500000	40100000	34900000	41300000	26100000	34300000	34300000
TAG 50:3	8316309	8120747	7765512	8457899	8402104	5539510	9772958	6668864
TAG 50:4	4014744	4129134	4170577	4528531	4721336	2106490	5395370	4047238
TAG 50:5 (1)	313122	184403	185273	333829	285002	106560	389508	167114
TAG 50:5 (2)	22396	10539	41286	18419	28406	13995	22024	36728
TAG 52:0	534000	850308	477580	432898	386607	345195	565657	295220
TAG 52:1	7973335	11400000	7918455	7066843	5200511	6320701	7942236	4910181
TAG 52:2	39300000	39600000	38100000	38000000	34100000	28500000	35700000	32700000
TAG 52:3	56100000	57900000	54900000	52300000	53700000	41100000	51300000	51400000
TAG 52:4	55700000	60000000	62600000	54400000	61800000	40800000	56000000	60200000
TAG 52:5	12200000	9439322	11300000	10200000	12400000	7152733	10000000	9501812
TAG 52:6	499481	283038	362509	408747	388046	261357	383975	268534
TAG 54:0	186080	342654	175074	149189	145634	131166	215642	119890
TAG 54:1	3435623	5963525	3237922	3423134	3048886	2937707	3899902	2667287
TAG 54:2	14900000	19400000	13900000	14600000	12500000	12100000	15800000	11200000
TAG 54:3	35600000	37900000	35000000	35000000	29800000	28600000	36800000	31000000
TAG 54:4	50000000	50300000	50400000	48100000	45500000	37700000	48100000	46000000
TAG 54:5	54700000	51900000	55200000	52400000	56800000	40300000	50600000	53000000
TAG 54:6	31200000	30300000	35600000	28700000	36500000	22800000	31600000	34800000
TAG 54:7	5817728	4390166	6273505	5250040	6398763	3430418	5473291	5645259
TAG 54:8	368063	188791	317525	304258	280930	170728	294306	249920
TAG 56:0	155347	201046	135749	107250	107073	101413	138637	68602
TAG 56:1	1223253	2217219	1127927	1092309	1123615	1065966	1331007	987967
TAG 56:2	6271316	9322302	5656316	6322961	5814525	5589581	7371159	5095406
TAG 56:3	8032704	9924524	7288867	7466702	8240307	6638483	9029418	7752886
TAG 56:4	5130661	6056860	5263480	5064732	7939904	3548959	5334579	7372738
TAG 58:0	39502	49924	33656	22225	22591	23725	41532	15467
TAG 58:1	1270078	1615851	1122809	1051407	1234236	1048746	1273882	976485
TAG 58:2	3775566	4581078	3400414	3310387	4277466	3234082	4200615	3545313
TAG 58:3	2194306	2924587	2090448	2032483	2608691	1846610	2219159	2333290
TAG 58:4	1899313	2857219	2176439	1911369	3245125	1569349	2064094	2924881
TAG 58:5	260166	285693	288231	236991	337046	182317	239993	250044
TAG 60:1	377194	437954	335766	283940	352215	326564	434963	276322
TAG 60:2	2782930	3214563	2360234	2388851	2448895	2458206	3252524	2080551
TAG 60:3	2814078	2861205	2575699	2398481	2962050	2294517	2977482	2723737
TAG 60:4	2578894	2752296	2681481	2227215	4099961	1952084	2762767	3579903
TAG 60:5	342677	231127	295308	274876	389410	195174	302788	273947
TAG 60:6	14809	12246	19167	17532	12682	9094	12624	7466
DAG 34:1	82701	81790	50807	44559	40580	45237	33534	41807
DAG 34:2	168911	133630	134829	97460	101004	83056	92055	130981
DAG 36:2	106686	107907	79437	69650	47462	58698	71249	68606

Rice Lipid Raw Data	GW646	GW647	GW648	GW649	GW651	GW652	GW654	GW655
DAG 36:3	242915	246107	175134	108947	140778	204454	124196	174016
DAG 36:4	280588	291539	255256	160861	276304	198044	164079	313791
DAG 36:5	45154	29126	29040	26098	35796	25822	23640	29533
Lyso-MGDG 16:0	220493	422548	231586	184120	197239	232729	312438	276182
Lyso-MGDG 18:0	12255	34816	10819	7151	9802	9117	12656	11740
Lyso-MGDG 18:1	9157	7851	5695	9609	6475	12617	15406	8043
Lyso-MGDG 18:2	64767	39461	30341	82610	41116	67885	80229	56925
Lyso-DGDG 16:0	54605	63504	27585	48872	44041	49261	62448	37869
Lyso-DGDG 18:1	12493	14302	5736	11654	8795	19388	14751	10848
Lyso-DGDG 18:2	91428	66039	28217	83071	41257	109474	79577	64307
Lyso-PC 16:0	4479851	4338492	2831822	3936144	3493924	5102951	4758685	3015801
Lyso-PC 16:3	80451	92722	38011	122014	55477	58232	135986	45387
Lyso-PC 18:0	256705	298590	155011	163423	179290	228767	258204	156490
Lyso-PC 18:1	510393	670435	378287	533475	341548	899280	580571	441730
Lyso-PC 18:2	2842902	2301984	1316297	2791795	1300861	3488020	2823973	1803921
Lyso-PC 18:3	899338	889105	619127	819880	743660	731430	871025	637150
Lyso-PE 16:0	396818	469778	214522	306226	236557	391644	331887	273439
Lyso-PE 18:0	11677	27107	9786	18116	7374	6333	24212	10291
Lyso-PE 18:1	37772	43264	23078	31830	18530	51224	34806	29475
Lyso-PE 18:2	367323	274561	141632	288024	140554	429066	304296	208766
Lyso-PE 18:3	83695	95499	49545	64197	54044	82720	71382	62538
SQDG 32:0	44701	29012	46871	31755	33950	42423	40603	58642
SQDG 34:2	17987	17510	23181	17205	11635	13231	11048	18456
PG 32:0	55926	58240	46070	52505	41130	47001	65095	48630
PG 34:1	58730	43754	58758	64176	33395	37675	47453	35399
PG 34:2	61751	55482	84110	64495	41142	63811	55795	54880
PG 36:3	15497	9258	18360	12902	7809	7726	7986	6864
PS 36:0	49538	46393	35344	39213	51350	31263	50597	51226
PS 36:1	20476	19924	16023	20205	21299	17933	17497	19996
PS 38:0	534237	580782	584425	630803	473614	501886	627632	491303
PS 38:1	408664	396537	443874	533045	314576	448239	441009	350416
PS 38:2	7594	6723	5131	12720	6234	8545	9031	8142
PS 40:0	34931	26827	35703	31923	24023	15672	34538	29913
PS 40:1	491850	456093	469847	440399	396579	244747	492686	367285
PS 40:2	624263	604626	649102	657811	537561	516440	610735	496498
PS 40:3	276845	242027	301152	365304	208722	282413	236589	206972
PS 40:4	14610	11571	12833	18862	9457	12854	11606	9528
PI 34:1	309763	285914	386517	315142	158766	135039	284842	203603
PI 34:2	569049	668823	878878	507065	402265	446578	643767	643801
PI 34:3	19974	21529	18885	18967	13617	13553	17400	22927
PI 36:4	68529	58171	106004	44123	36380	41348	37785	42852

Rice Lipid Raw Data	GW656	GW657	GW658	GW659	GW660	GW661	GW662	GW664
DGDG 32:0	70094	78840	48126	9338	18056	7485	18748	54378
DGDG 34:1	25339	27204	21147	16597	12970	10294	16609	30900
DGDG 34:2	184580	219667	164217	89573	99169	66325	104939	208492
DGDG 36:2	21203	26730	21297	14422	17269	7472	19820	37061
DGDG 36:3	25675	28131	32898	47295	43513	27263	37706	39214
DGDG 36:4	89486	102811	75111	115891	117528	92238	136287	129590
DGDG 36:5	26867	33494	29171	39449	41155	30699	55376	46134
DGDG 36:6	19446	27474	32633	19565	25292	15702	29591	27653
MGDG 32:0	38630	27895	19881	10440	7466	4571	11735	35215
MGDG 34:0	41395	42367	32557	7869	21694	17279	23534	109062
MGDG 34:1	12034	13467	11352	6521	5059	5609	8549	23078
MGDG 34:2(1)	91567	96222	84088	39984	46770	29804	51568	110042
MGDG 34:2(2)	93143	81763	55327	36515	22668	16566	36485	104125
MGDG 36:3	22626	18262	21326	59198	30321	33502	14952	28118
MGDG 36:4	78336	77186	53461	86263	72272	55265	68593	81447
MGDG 36:5	27277	26926	21365	26822	37503	18970	28148	28347
MGDG 36:6	25455	28417	28506	19352	27627	20388	25114	32117
PC 32:0	229376	192527	165865	273591	142722	156305	269684	348795
PC 32:1	276365	249303	298458	361358	247475	372892	427174	649942
PC 32:2	130018	99730	139867	121592	116823	244117	238134	334556
PC 34:1	4557457	4311979	4212292	7210778	5030623	5309226	5955364	6506154
PC 34:2	2949440	2944174	2877155	4217478	3037106	4471686	4312604	4462283
PC 34:3(1)	33323	37244	52015	124759	42829	70528	114616	75964
PC 34:3(2)	36832	31025	27213	46667	21964	24042	46653	58883
PC 34:4	44042	38498	47568	54318	38651	56961	65429	101150
PC 36:1(1)	28240	28785	36264	52155	34223	36178	26753	27956
PC 36:1(2)	218086	180246	168219	346075	243979	215681	359256	394336
PC 36:2	3785138	3362168	3197172	4781531	3956633	3839030	4984641	5227706
PC 36:3	5047854	4552762	4593734	5569860	5358278	6391907	7029550	7543075
PC 36:4(1)	2129815	1950001	1956495	2062203	2120716	3992766	3517315	3719886
PC 36:4(2)	590713	597404	587994	568441	643783	609388	606016	595713
PC 36:5(1)	111389	102226	121006	163925	102204	240968	294735	209673
PC 36:5(2)	471457	490890	461998	593352	484201	603294	566125	570829
PC 38:2(1)	27896	17627	11539	17158	18660	13140	21655	24460
PC 38:2(2)	27896	17627	11539	17158	18660	13140	21655	24460
PC 38:3	31248	22437	21064	19038	28003	34377	34301	37183
PC 38:4(1)	13029	12747	16350	23554	15360	16164	11154	12273
PC 38:4(2)	36290	30356	27798	59559	41142	35780	61750	66462
PC38:5	443167	440110	435956	488281	516111	451480	473774	441701
PC38:6	609043	606728	591484	620657	614687	614193	611454	622604
PE 34:1	380614	270911	231644	782020	423288	459912	518828	491205
PE 34:2	535012	512579	418334	836152	605428	759049	886033	759519
PE 34:3	4316	5128	5016	28372	6985	12756	22133	12273
PE 36:2	214155	141018	111940	360375	206903	193964	273927	260865
PE 36:3	503128	412918	324549	626879	536570	598279	701251	629302
PE 36:4	486667	435208	381959	541736	523903	722491	721955	684363
PE 36:5(1)	11608	8849	8144	18882	11480	20393	24712	18618
PE 36:5(2)	99769	93950	80064	122037	102801	126058	136678	120190
TAG 48:0	3117678	3090299	2341424	1057149	2009118	904458	2058119	3869550

Rice Lipid Raw Data	GW656	GW657	GW658	GW659	GW660	GW661	GW662	GW664
TAG 48:1	1554062	1408353	1490566	1586870	1276156	1508243	1382742	2611675
TAG 48:2	3273994	3393277	4460979	2809938	2710575	3556053	3312398	7013488
TAG 48:3 (1)	243708	214004	295462	279292	199053	274399	256014	406872
TAG 48:3 (2)	45626	35845	28758	77413	34363	69978	31749	63784
TAG 48:4(1)	70000	61898	81700	111903	73584	122623	107683	158549
TAG 48:4(2)	24951	21853	26460	21657	25117	43518	32642	38748
TAG 50:0	1307500	1204379	999530	655440	926336	438976	1064638	1700689
TAG 50:1	23300000	23500000	21400000	17000000	23700000	18800000	22800000	27200000
TAG 50:2	39600000	39400000	38700000	28700000	38600000	36100000	38100000	45000000
TAG 50:3	9342579	8893140	9389948	8270814	8445289	9087371	8898596	12900000
TAG 50:4	3248947	3320460	4332084	4721032	3715104	5308881	5511104	8755499
TAG 50:5 (1)	204573	197409	283932	227427	204461	251310	389082	460248
TAG 50:5 (2)	20689	16566	16408	71563	28444	67551	27861	51046
TAG 52:0	786560	709664	641670	505149	591896	316997	632391	946109
TAG 52:1	9829802	9305135	8563596	8687290	9852571	7552442	10500000	12800000
TAG 52:2	38800000	39400000	37900000	38500000	39000000	36100000	40200000	40200000
TAG 52:3	55300000	54300000	55600000	54500000	55500000	55000000	57300000	59400000
TAG 52:4	60100000	59400000	56900000	54700000	60400000	62300000	63000000	68900000
TAG 52:5	11500000	10600000	10300000	8646141	12000000	11000000	13500000	15000000
TAG 52:6	422386	379991	447744	298756	455104	342656	631773	648549
TAG 54:0	290388	256282	233947	228159	223145	118373	231295	335230
TAG 54:1	5048563	4609487	4124255	5031274	5106287	3254948	4965239	5993302
TAG 54:2	17500000	17600000	16600000	18500000	19700000	14400000	19100000	23000000
TAG 54:3	37500000	38200000	38000000	39500000	38000000	37500000	39400000	38200000
TAG 54:4	48400000	50200000	47900000	52900000	52600000	50000000	53500000	54800000
TAG 54:5	54600000	53400000	52400000	60000000	59800000	61700000	62300000	63500000
TAG 54:6	30700000	30900000	29200000	37200000	36300000	40800000	42400000	44300000
TAG 54:7	5038486	4839639	4586734	5883708	6283175	6721952	8327057	7623001
TAG 54:8	245851	224383	248114	297493	335734	311044	562971	463912
TAG 56:0	228138	197261	157803	79603	140934	56239	150434	238346
TAG 56:1	1918851	1654742	1551091	1637852	1818807	1031351	1698078	2056123
TAG 56:2	8969813	8167187	7926772	9294752	9000563	5546515	8640972	9861070
TAG 56:3	10800000	9909520	9484060	11900000	11300000	8856958	9717916	10900000
TAG 56:4	5681863	5325073	5521183	6165400	6832448	7107934	5493106	5766979
TAG 58:0	58627	52252	42252	25932	36499	11757	45279	71033
TAG 58:1	1675532	1433346	1331984	1318698	1670610	944048	1585834	1914227
TAG 58:2	4869856	4404119	4327122	4278216	4770936	2984513	4425421	5449232
TAG 58:3	2932756	2505751	2354422	2826568	3067136	2234476	2555749	2924492
TAG 58:4	2527875	2317962	2268673	2636142	2952256	2571220	2455354	2996084
TAG 58:5	270233	253780	276029	283408	330287	336041	323988	366306
TAG 60:1	573964	465110	432861	429661	514920	248566	608523	739478
TAG 60:2	3761207	3429311	3293303	3461604	3724764	1954228	3977598	4589786
TAG 60:3	3468979	3028403	3032643	3422361	3496573	2769598	3312121	4007459
TAG 60:4	2945251	2752106	2727897	3076143	3515042	3027404	3358972	3829916
TAG 60:5	295853	266259	289845	290666	347766	230834	362364	405909
TAG 60:6	12414	13136	14363	13530	14946	25114	17829	27428
DAG 34:1	76473	57197	45312	86819	57870	54523	54963	61929
DAG 34:2	138379	103053	96096	153353	114375	109251	90703	124019
DAG 36:2	116667	94205	77385	131741	107949	68770	87400	105534

Rice Lipid Raw Data	GW656	GW657	GW658	GW659	GW660	GW661	GW662	GW664
DAG 36:3	242405	182002	154079	318097	213881	261879	211352	230747
DAG 36:4	261406	219699	185918	356029	229412	402195	307586	311465
DAG 36:5	33300	24031	24711	39605	30060	39657	41438	30763
Lyso-MGDG 16:0	467933	443232	394276	389591	335697	430883	485285	656591
Lyso-MGDG 18:0	16915	20289	18745	20153	29001	17353	34252	42890
Lyso-MGDG 18:1	20381	14985	14113	21813	9746	18622	15294	22780
Lyso-MGDG 18:2	158105	119016	88206	114059	55543	78897	69996	102630
Lyso-DGDG 16:0	150441	121396	88351	59382	47584	45060	68679	148497
Lyso-DGDG 18:1	24074	21906	17651	30110	18923	22520	29039	32404
Lyso-DGDG 18:2	156698	127159	97399	136428	97752	110895	124594	129867
Lyso-PC 16:0	6771428	4924324	4540868	7332880	4636126	7808376	7610268	8067553
Lyso-PC 16:3	73215	48269	69709	182928	48615	189148	114524	168821
Lyso-PC 18:0	292445	222456	223840	485044	320075	422415	533448	652475
Lyso-PC 18:1	665841	486016	511175	2124483	920739	1854912	1695685	1148247
Lyso-PC 18:2	3141919	2348955	2287777	5116953	3240079	4738915	5671666	3782217
Lyso-PC 18:3	1072436	904433	874734	1096592	875681	1104400	1089597	1120240
Lyso-PE 16:0	498772	339690	283507	680169	392673	668475	752806	572377
Lyso-PE 18:0	13692	12201	16212	28727	10649	30451	21038	34974
Lyso-PE 18:1	47544	32675	27542	118895	61019	101404	113878	64684
Lyso-PE 18:2	434013	280412	222783	630527	415787	564720	770347	447599
Lyso-PE 18:3	99933	73047	62169	122688	82224	120139	130362	109412
SQDG 32:0	39913	70190	65942	54771	41245	41946	38566	50953
SQDG 34:2	13045	22275	22471	17869	15693	13839	12755	22835
PG 32:0	43600	82249	80320	67147	41379	63419	25058	68639
PG 34:1	42674	40726	34670	34481	115295	45010	60789	52664
PG 34:2	64079	56319	55947	65104	116250	52094	64946	73780
PG 36:3	9870	9483	6618	7680	15440	8302	13527	12180
PS 36:0	32463	44371	41504	47276	54701	42228	54658	63332
PS 36:1	21061	15597	14444	20082	18531	15872	32559	27066
PS 38:0	496387	547730	521047	529992	714709	595747	590714	633179
PS 38:1	453088	435794	398647	386941	522848	416817	549015	538941
PS 38:2	11574	4597	5650	8859	22264	7344	12022	19874
PS 40:0	20259	33359	28618	25624	49767	36103	32800	52738
PS 40:1	317871	442339	424453	415978	519543	473022	452387	535094
PS 40:2	570906	589649	576198	557591	610225	635868	681714	700982
PS 40:3	336019	262880	241441	241083	241979	236275	451426	409168
PS 40:4	15326	10816	10336	11351	17017	10421	23047	27005
PI 34:1	247192	268881	200351	211032	445912	248950	331196	258700
PI 34:2	635021	718729	678973	747490	826775	671436	630469	799189
PI 34:3	15796	17993	19503	24625	36469	17945	18698	33074
PI 36:4	56469	57390	48872	52629	30492	51188	50748	73373

Rice Lipid Raw Data	GW665	GW666	GW667	GW668	GW669	GW670	GW671	GW672
DGDG 32:0	29020	45858	26515	28690	32367	38069	11102	6402
DGDG 34:1	25484	30359	25099	14830	27662	52499	12607	14663
DGDG 34:2	190296	182191	172468	102647	202453	374135	96268	76299
DGDG 36:2	19664	46871	19799	16849	33292	38797	12766	12345
DGDG 36:3	45813	43932	47797	18576	35597	74173	27276	54166
DGDG 36:4	110434	118659	133930	69520	124641	207696	86521	151382
DGDG 36:5	22184	48575	31919	28839	23174	61969	21635	82097
DGDG 36:6	13279	35105	21615	31022	11777	62728	11456	47992
MGDG 32:0	19118	42274	24094	14322	19527	32735	10781	5579
MGDG 34:0	28726	122960	32707	46258	27079	90414	11782	1612
MGDG 34:1	11793	18728	15261	10755	21288	52320	4122	0
MGDG 34:2(1)	75279	84044	94022	81791	113278	205383	33625	18267
MGDG 34:2(2)	64682	96920	79299	34794	93037	189640	29686	20458
MGDG 36:3	45084	35723	36546	9998	24647	44212	20981	21700
MGDG 36:4	66736	71156	70960	52681	77485	97763	41350	62712
MGDG 36:5	17309	28067	16042	18125	17869	24726	7598	33263
MGDG 36:6	22312	50668	22196	41249	15129	52707	15523	47648
PC 32:0	317973	479032	325902	329374	172018	581718	372463	426833
PC 32:1	642238	321061	616338	441732	283860	434184	381063	796417
PC 32:2	333392	193823	359590	237109	143815	250466	226054	448581
PC 34:1	6048704	6091758	5701126	6372691	4159897	7033341	5841110	7751905
PC 34:2	4111473	4274109	3813261	4368230	2890470	4944875	4147501	5616702
PC 34:3(1)	68310	148456	77969	99754	52323	131420	80618	248452
PC 34:3(2)	51491	78626	55530	56192	26918	98055	61369	71305
PC 34:4	99614	48660	97053	67636	43404	64776	58433	130013
PC 36:1(1)	31570	42570	30247	26081	40949	43827	29672	34936
PC 36:1(2)	287425	350364	263964	352269	220764	334330	301585	535809
PC 36:2	4812978	4872276	5039989	4619581	3817792	5175530	5048159	5966856
PC 36:3	6494912	6704456	6723351	6596006	5182279	7268029	6515883	8595756
PC 36:4(1)	3311576	2988738	3080468	2948741	2310870	3196593	3049382	4638185
PC 36:4(2)	599052	601207	596478	634119	573146	635364	629263	618651
PC 36:5(1)	201630	339646	214650	234814	189852	232959	216534	508711
PC 36:5(2)	569184	555904	545410	577041	466321	615111	582226	617147
PC 38:2(1)	22470	31149	16140	32041	30823	16227	22120	34172
PC 38:2(2)	22470	31149	16140	32041	30823	16227	22120	34172
PC 38:3	31781	35201	32043	31346	28130	35519	29021	57907
PC 38:4(1)	14133	18961	12878	13058	19190	19618	13547	15514
PC 38:4(2)	47411	58522	44115	57890	37417	56683	52341	91657
PC38:5	442713	414004	474022	456165	486400	398346	487830	469134
PC38:6	627008	627266	657498	660417	614717	635588	637283	619031
PE 34:1	569460	560336	475515	470992	390811	457487	489418	986096
PE 34:2	779092	742488	646321	764257	557706	702993	644294	1175056
PE 34:3	13436	25589	13903	18096	10652	14763	12876	44098
PE 36:2	384630	314373	304715	235865	254903	275826	342144	450950
PE 36:3	803296	719901	700860	585707	550502	582590	607472	1046760
PE 36:4	685295	628698	614906	585348	498070	639826	545181	960919
PE 36:5(1)	19091	34547	16644	19855	16164	18769	16285	54235
PE 36:5(2)	121887	122205	106908	130900	100449	112874	111920	154551
TAG 48:0	3419836	3993524	3035599	2637103	1845982	3297120	2331560	1060479

Rice Lipid Raw Data	GW665	GW666	GW667	GW668	GW669	GW670	GW671	GW672
TAG 48:1	3451524	2564757	3359714	1906202	1518115	2635217	2114537	2666509
TAG 48:2	8808715	5926937	7795127	5816331	3416582	8038362	5605628	4749936
TAG 48:3 (1)	547807	423144	489591	293103	221847	464168	418220	441857
TAG 48:3 (2)	93738	50759	81664	33128	20959	71747	52421	58384
TAG 48:4(1)	188817	77077	157435	89609	67648	147412	108504	164995
TAG 48:4(2)	43678	27583	49196	33607	11809	51218	38324	39285
TAG 50:0	1306507	1591564	1158315	999888	849342	964944	913814	592486
TAG 50:1	26900000	27700000	26100000	26900000	21700000	29400000	24500000	21700000
TAG 50:2	46600000	45500000	43600000	44700000	35600000	51600000	39500000	35700000
TAG 50:3	14300000	13100000	13500000	10500000	8469097	13700000	11400000	13700000
TAG 50:4	10000000	5123508	8243757	5628969	3707387	6469750	6145930	7709676
TAG 50:5 (1)	572229	473951	515949	349778	268277	386878	483097	507161
TAG 50:5 (2)	64679	31774	57662	26982	10257	41229	33270	67318
TAG 52:0	733503	977733	697229	456140	533611	446560	472051	447740
TAG 52:1	12300000	13000000	10300000	11800000	8631755	12400000	9774676	10600000
TAG 52:2	40100000	40500000	41200000	40900000	37800000	39400000	40400000	39100000
TAG 52:3	58700000	57500000	58000000	58200000	54700000	60000000	57200000	56900000
TAG 52:4	67100000	62700000	66300000	64600000	52700000	70400000	63300000	62600000
TAG 52:5	13300000	16400000	12700000	12300000	10400000	15400000	14900000	13300000
TAG 52:6	531530	1063066	540078	487922	439294	772102	769015	712070
TAG 54:0	251941	377791	283488	147918	192953	147900	162565	195733
TAG 54:1	5520951	6841902	5630593	5146090	4494171	5486328	4086784	5398461
TAG 54:2	20400000	20800000	19600000	20100000	16500000	21300000	16800000	19600000
TAG 54:3	39100000	39600000	38500000	38100000	37300000	39400000	37800000	39500000
TAG 54:4	54900000	52200000	53200000	51900000	49400000	53300000	52900000	53600000
TAG 54:5	64100000	58300000	62500000	56700000	51300000	61200000	57400000	65000000
TAG 54:6	39800000	30500000	36000000	33600000	27400000	35300000	36700000	44200000
TAG 54:7	6462992	6207095	5487876	5012796	5004386	5552679	7547875	8795943
TAG 54:8	321904	508476	271581	251646	313457	305229	561288	635992
TAG 56:0	186397	221061	209850	119081	128777	129463	134265	86697
TAG 56:1	1893537	2441115	2245575	1701575	1664270	1985168	1460935	2034193
TAG 56:2	9116864	10600000	10700000	8857849	8379794	9184692	7319341	9224467
TAG 56:3	10500000	12600000	12500000	9496033	9966191	10500000	8756281	12600000
TAG 56:4	5790582	6473349	7060030	5411450	6524576	4992948	5364643	7846162
TAG 58:0	44516	52803	52237	29396	32053	27004	33427	23786
TAG 58:1	1757520	2047413	2075678	1687834	1412608	1794695	1437618	1679644
TAG 58:2	4871606	5496706	5896657	5022210	4387669	5427848	4252604	4834141
TAG 58:3	2829480	3366543	3552016	2492276	2781948	2709757	2420970	3702614
TAG 58:4	2835519	3250928	3685213	2607422	2708849	2710474	2296665	3755956
TAG 58:5	314547	593933	424891	278133	353386	365086	362821	469469
TAG 60:1	535091	544128	665919	550917	414695	527304	450062	544225
TAG 60:2	3731618	3790601	4498672	3841693	3133695	3859017	3196177	3742152
TAG 60:3	3442525	3537730	4247483	3118320	3187440	3304282	3086141	4374086
TAG 60:4	3315080	3406003	4233140	3311970	2992223	3277948	2971020	4274088
TAG 60:5	335884	578224	486788	314315	367776	382860	435067	501745
TAG 60:6	18096	38680	19826	18268	24493	22554	30559	34020
DAG 34:1	88742	88252	59290	36609	58166	48282	60397	119797
DAG 34:2	175406	169634	115790	66688	122456	97167	102975	222303
DAG 36:2	128041	119051	88204	51743	96905	79023	68990	142085

Rice Lipid Raw Data	GW665	GW666	GW667	GW668	GW669	GW670	GW671	GW672
DAG 36:3	265015	212851	202299	82281	170918	147286	198665	778822
DAG 36:4	334965	217160	282631	129814	192683	196565	309989	782314
DAG 36:5	33915	46217	32787	18776	32644	27157	50239	98697
Lyso-MGDG 16:0	535085	599459	697255	674688	344575	1412632	503106	175229
Lyso-MGDG 18:0	17885	47898	19711	37474	21760	51263	17479	3693
Lyso-MGDG 18:1	17328	19569	28770	13429	21114	28526	21570	17936
Lyso-MGDG 18:2	87732	84095	190553	100813	140255	155303	77886	86679
Lyso-DGDG 16:0	110113	96885	158533	101138	91033	148886	106420	48524
Lyso-DGDG 18:1	24245	19921	38594	19842	25276	21052	35685	22030
Lyso-DGDG 18:2	151503	85497	255884	118913	145751	86547	148493	115679
Lyso-PC 16:0	6945471	7876618	9576254	10500000	4559417	6773167	9838220	7518149
Lyso-PC 16:3	238513	157690	315479	185262	99723	33396	188536	321721
Lyso-PC 18:0	289298	841045	404814	736003	287101	686005	437423	418240
Lyso-PC 18:1	1017870	1212602	1493620	1562274	678978	834172	1584504	2156601
Lyso-PC 18:2	3483171	3807661	5723619	5374441	3033435	1091418	5569920	5481333
Lyso-PC 18:3	1074682	1118068	1195704	1179509	883464	1050061	1206584	1104235
Lyso-PE 16:0	601571	724757	924812	955013	435837	396434	731142	734630
Lyso-PE 18:0	53673	21973	77304	34415	24075	36026	35698	22774
Lyso-PE 18:1	68076	89985	91491	84725	49069	28425	79883	126121
Lyso-PE 18:2	470557	611344	734552	545081	394151	51135	476281	694078
Lyso-PE 18:3	113474	127298	145471	152991	89862	81262	125387	130262
SQDG 32:0	66645	70082	78514	79786	75602	35981	60481	52526
SQDG 34:2	29021	19312	35306	23302	26139	14538	38942	18900
PG 32:0	65535	55531	87423	62022	60397	47179	87453	40997
PG 34:1	64475	73051	84625	67624	58882	44358	73944	63744
PG 34:2	69308	72515	83346	66685	109076	56226	107847	68366
PG 36:3	11926	18623	16519	13144	14247	16143	13659	17333
PS 36:0	86410	86547	47517	84223	65140	46755	61056	55217
PS 36:1	38482	41489	21497	35767	27767	21943	27083	27218
PS 38:0	667026	638238	646220	630851	661878	489538	694006	634652
PS 38:1	521027	522017	520530	486229	562887	384505	585085	507134
PS 38:2	12678	11359	24429	13015	17734	9234	21194	14300
PS 40:0	53994	41576	49943	37140	48318	34418	49172	44823
PS 40:1	514447	520516	485890	529635	512256	450720	515220	519362
PS 40:2	730621	688355	657566	688070	672210	587894	727143	661874
PS 40:3	385739	349955	340145	342729	348971	281180	351017	356295
PS 40:4	20054	19075	29912	20525	20893	20929	21324	22488
PI 34:1	343341	414627	315030	378665	261036	250048	335825	316270
PI 34:2	755508	740507	558595	755345	824481	621449	969492	666364
PI 34:3	23844	20226	30255	24442	29388	19088	34906	22014
PI 36:4	69783	80480	51321	68089	54860	79392	64320	75334

Rice Lipid Raw Data	GW673	GW674	GW675	GW676	GW677	GW678	GW680	GW681
DGDG 32:0	21559	19691	26727	10136	8726	22227	69304	20332
DGDG 34:1	14000	19084	23719	21335	12167	27265	38618	17976
DGDG 34:2	93327	113957	135244	105912	72834	175473	249124	151874
DGDG 36:2	18482	16828	21967	11339	16079	43003	26943	20812
DGDG 36:3	29310	40502	43716	57918	22111	49225	34382	37107
DGDG 36:4	89155	88216	139818	127730	68008	152332	112411	147286
DGDG 36:5	21110	26679	57834	53662	24999	45820	38729	45722
DGDG 36:6	13936	17504	40903	31488	12168	39117	43699	29625
MGDG 32:0	17562	16702	16433	6395	15072	17333	36129	12007
MGDG 34:0	47631	41441	30641	7576	112938	44480	75547	19991
MGDG 34:1	10899	16077	10202	15723	27070	16344	20934	8947
MGDG 34:2(1)	53815	66391	48682	40201	105359	74233	90699	75930
MGDG 34:2(2)	32586	53451	50057	35537	139272	83098	84284	40442
MGDG 36:3	17776	24863	28683	39923	39792	22358	19637	11920
MGDG 36:4	42439	50408	77731	64240	78884	66159	64181	76015
MGDG 36:5	12123	19808	26026	28670	22132	22454	24968	29750
MGDG 36:6	12724	20292	33425	22221	26603	26197	32648	26445
PC 32:0	257558	313607	482559	196631	600799	268120	287380	297012
PC 32:1	209056	362617	389855	304960	765308	250411	187634	439623
PC 32:2	122032	177250	279791	143256	542967	135369	99525	260394
PC 34:1	4497364	5580044	6593979	5842841	6217011	5119093	4767132	5523091
PC 34:2	2972251	3537196	5346465	3551399	5772687	3361093	3278520	3963892
PC 34:3(1)	40118	77371	248530	130901	57147	91720	52573	54346
PC 34:3(2)	42145	53155	82713	32677	101728	44299	44914	46460
PC 34:4	32184	55145	60687	48362	122743	38798	28046	70571
PC 36:1(1)	32182	29532	36361	30304	42823	38326	27307	37169
PC 36:1(2)	317847	298597	429135	188476	483815	353243	192817	309034
PC 36:2	3797642	5078748	5472812	5124845	5035215	4764448	3456578	5087860
PC 36:3	5457385	6437740	7706728	6762713	8239019	6063418	4972132	6656390
PC 36:4(1)	2278545	2599625	3933379	2964826	5361776	2602425	2089174	3111532
PC 36:4(2)	581857	612900	626162	629480	611643	604319	593562	621198
PC 36:5(1)	130392	162636	448058	301725	301096	232302	126155	200265
PC 36:5(2)	464886	528434	619843	515371	604294	499959	498919	565142
PC 38:2(1)	30931	19626	22605	13797	23519	14711	16728	25440
PC 38:2(2)	30931	19626	22605	13797	23519	14711	16728	25440
PC 38:3	27342	34133	47624	39906	41508	29321	22498	32765
PC 38:4(1)	15110	12698	15756	14424	18584	17999	12712	16381
PC 38:4(2)	52783	51094	71746	31857	80191	60004	32148	51743
PC38:5	491321	498093	451843	474156	390672	477713	383210	461605
PC38:6	622329	625702	605631	644702	570912	625889	585501	591357
PE 34:1	418184	570907	632969	577159	612253	431298	293295	399821
PE 34:2	564100	651640	835350	662378	962601	572802	574575	632548
PE 34:3	8240	15132	43922	26327	8129	14847	7579	7432
PE 36:2	258818	420730	404740	322133	345907	269807	134870	246438
PE 36:3	523973	640244	768865	608363	770823	536680	354810	548258
PE 36:4	452951	479653	687212	470701	788831	429488	342904	574736
PE 36:5(1)	10232	15901	45669	28473	19858	17718	8787	12988
PE 36:5(2)	104744	113720	128793	109756	137323	95523	99623	106652
TAG 48:0	2412540	2103592	2970462	1127581	1494107	1963281	3797630	2482488

Rice Lipid Raw Data	GW673	GW674	GW675	GW676	GW677	GW678	GW680	GW681
TAG 48:1	1640251	1785710	2347573	1926453	3705112	1380363	1680988	1925427
TAG 48:2	3848687	3635594	4963722	3074499	8778517	2842855	5438515	5475957
TAG 48:3 (1)	200047	278755	338456	279074	611764	209631	290997	373148
TAG 48:3 (2)	47605	63232	46412	63559	65363	40706	29640	72618
TAG 48:4(1)	66467	108389	91103	91422	188899	77458	80909	143936
TAG 48:4(2)	20498	25732	24263	21926	51953	26629	27015	44264
TAG 50:0	1178112	947421	1267703	485106	672360	1089121	1381484	1100857
TAG 50:1	24300000	23500000	27100000	22800000	22500000	23300000	26000000	23700000
TAG 50:2	38400000	36400000	44000000	35900000	42200000	37700000	46400000	41400000
TAG 50:3	8567143	9470538	11200000	10000000	16000000	7930715	10400000	11200000
TAG 50:4	4176086	5170612	5141118	3711774	10300000	3512270	4335781	6999474
TAG 50:5 (1)	206314	269302	414025	199465	783494	231205	267431	425339
TAG 50:5 (2)	33911	47626	28240	45540	66520	31277	15757	52687
TAG 52:0	669330	579047	659645	403394	409237	615782	622588	613667
TAG 52:1	11900000	10800000	11900000	7916102	10700000	11700000	10900000	10800000
TAG 52:2	39300000	39300000	40100000	39000000	39200000	39300000	39000000	39900000
TAG 52:3	53900000	55600000	56800000	57400000	57700000	53600000	56800000	57200000
TAG 52:4	58000000	60900000	63700000	58400000	69100000	59100000	63800000	65900000
TAG 52:5	9510199	10700000	15500000	11200000	15300000	11100000	11900000	13400000
TAG 52:6	325916	403493	966302	554647	589681	480020	515010	558432
TAG 54:0	259157	225226	246164	252717	162916	210490	205530	217678
TAG 54:1	6133177	5434525	5494519	3962845	4405338	5471756	4418915	4963529
TAG 54:2	19300000	20000000	18700000	16600000	20300000	20400000	17500000	19000000
TAG 54:3	37000000	39400000	37100000	38200000	38300000	37100000	36100000	38400000
TAG 54:4	48600000	53600000	52400000	52200000	52500000	51900000	49100000	52800000
TAG 54:5	52100000	57500000	59500000	60700000	66700000	58100000	51400000	60100000
TAG 54:6	29900000	35400000	35700000	36900000	46900000	34600000	30600000	39600000
TAG 54:7	4408219	6237259	7757854	6203768	9978082	5938507	4847100	7100451
TAG 54:8	210958	342762	648289	476774	553011	381636	257480	403378
TAG 56:0	148680	132137	176178	59284	101771	121311	158740	161683
TAG 56:1	2314391	1950646	1946334	1337076	1408070	1896101	1495274	1769141
TAG 56:2	9922094	9615089	8667815	6916612	7375568	8888470	7359500	9141312
TAG 56:3	10700000	11200000	10500000	10700000	10100000	9303704	8255722	10700000
TAG 56:4	6662815	5566480	5974944	5243508	6744146	5616624	4965107	6110905
TAG 58:0	40571	35796	53723	10793	27622	34460	42732	44854
TAG 58:1	1859712	1665514	2126259	1338173	1519703	1475647	1406848	1660748
TAG 58:2	5186623	4642911	5225681	3859995	4706515	4326798	4414687	5021352
TAG 58:3	3079432	2799759	3173933	2659216	3012556	2439163	2160199	2879847
TAG 58:4	2919029	2509053	2879193	2416567	3391761	2359755	2171188	2754448
TAG 58:5	333499	286190	424100	291811	340418	274841	256604	312300
TAG 60:1	599456	540793	807384	312921	492886	486803	441358	607141
TAG 60:2	3719187	3798644	4341900	2683232	3249906	3212244	3121042	3902630
TAG 60:3	3299870	3403931	4271245	3313320	4101751	2968303	2578333	3679361
TAG 60:4	3304572	2923486	3839814	2980224	4682637	2826132	2683322	3601297
TAG 60:5	320141	292312	569848	275521	462440	295743	283380	375226
TAG 60:6	15979	15989	35265	37635	14004	19317	15098	16796
DAG 34:1	73210	63824	83508	51405	29760	51988	37197	49631
DAG 34:2	124357	110474	151571	115877	52049	89938	75013	119026
DAG 36:2	111928	119890	110053	118904	42643	81755	56406	97368

Rice Lipid Raw Data	GW673	GW674	GW675	GW676	GW677	GW678	GW680	GW681
DAG 36:3	156509	184566	285565	216889	180732	162289	115608	246727
DAG 36:4	220256	194799	326167	210355	301950	210021	193653	359421
DAG 36:5	25960	25372	54792	27209	38675	27889	25447	43876
Lyso-MGDG 16:0	495597	497507	333970	476248	877018	561290	892718	552660
Lyso-MGDG 18:0	44123	37844	26258	17310	65836	36093	49430	25707
Lyso-MGDG 18:1	8365	10567	23036	30949	10218	34462	16655	15943
Lyso-MGDG 18:2	39836	40539	104529	103693	21475	130770	85913	137183
Lyso-DGDG 16:0	58958	59236	72412	76732	7338	108238	165951	106856
Lyso-DGDG 18:1	14468	25351	31608	33555	867	41249	26781	26201
Lyso-DGDG 18:2	80234	74187	133396	156539	4057	176200	126451	213861
Lyso-PC 16:0	5798495	5847964	6747252	6770549	5095633	8243549	6902143	8389199
Lyso-PC 16:3	107702	108979	109003	123268	73520	92650	75249	193709
Lyso-PC 18:0	468344	444535	458092	277478	851322	721780	405396	324196
Lyso-PC 18:1	1020275	1307483	1161636	2075262	904030	1780379	729677	1046946
Lyso-PC 18:2	3387638	3052354	4099243	3938538	731853	4955809	2984374	5626669
Lyso-PC 18:3	1005013	976054	1062391	1061712	929593	1148051	1055896	1170260
Lyso-PE 16:0	614720	584767	539592	561915	372324	761239	536211	622460
Lyso-PE 18:0	20303	21007	14272	31479	43806	19257	25834	35416
Lyso-PE 18:1	74484	98385	73263	106759	29870	105700	41056	61662
Lyso-PE 18:2	467796	444795	505946	482826	30384	580387	353652	620340
Lyso-PE 18:3	117779	113298	103686	107135	81552	128673	107165	112752
SQDG 32:0	50290	33327	39371	38974	28036	45135	54379	87062
SQDG 34:2	33461	11902	16442	28792	18068	23737	9998	31915
PG 32:0	41448	53780	42676	82654	36599	29792	57764	80937
PG 34:1	91530	57444	73717	93888	88070	78126	56316	47101
PG 34:2	89388	64033	66104	100328	69898	82100	64851	105764
PG 36:3	19164	15882	16321	23995	22558	22106	14352	11907
PS 36:0	116627	36059	54836	57857	47866	103389	43238	33549
PS 36:1	46204	17931	24361	29436	21494	57347	19249	14002
PS 38:0	771381	530989	627310	701148	607125	670842	595877	571020
PS 38:1	672793	417768	467757	620790	476959	666009	442081	457256
PS 38:2	37381	6899	12946	38966	23396	9953	15129	8478
PS 40:0	79399	45481	44022	57412	28278	67829	48465	30988
PS 40:1	597058	430383	530137	538464	553633	496104	491722	414329
PS 40:2	855081	604478	643220	753171	675221	816071	631571	556165
PS 40:3	445601	288212	299786	432670	332891	558079	297479	270536
PS 40:4	46742	12816	17417	44417	33661	29517	23680	13032
PI 34:1	550534	236375	320340	447574	373523	343379	236368	152974
PI 34:2	832335	551399	593063	878220	508681	702638	581845	692971
PI 34:3	42030	13550	20272	51934	22763	13934	24015	22667
PI 36:4	81188	59125	54815	105686	56285	101205	56694	53316

Rice Lipid Raw Data	GW682	GW683	GW684	GW685	GW686	GW687	GW688	GW689
DGDG 32:0	5345	24586	7057	3709	4440	4404	13749	9386
DGDG 34:1	9441	22097	10518	5330	6598	6846	11383	10980
DGDG 34:2	61971	167666	55522	34752	38755	38390	83667	81754
DGDG 36:2	15109	31405	8478	6123	8722	8000	12871	19690
DGDG 36:3	17028	37991	27669	19838	22043	23441	29434	27774
DGDG 36:4	71346	138255	57875	58815	44673	50350	85613	103989
DGDG 36:5	26583	39460	24975	19081	12712	21366	29765	15414
DGDG 36:6	22764	41261	17968	14758	5742	14141	28732	7772
MGDG 32:0	3776	8971	3792	4887	2853	2007	7588	6459
MGDG 34:0	31019	14806	18054	5791	11461	8199	10887	21854
MGDG 34:1	13311	11690	16696	4859	6922	7841	5916	12839
MGDG 34:2(1)	84788	55355	25743	12840	13680	14561	33063	46333
MGDG 34:2(2)	34895	28216	22548	11165	12869	15265	18979	29862
MGDG 36:3	11543	12776	18972	9756	23215	20043	12214	19415
MGDG 36:4	46708	51035	25947	24473	23338	29249	36200	55534
MGDG 36:5	12578	21679	10671	9426	9343	12462	17067	11765
MGDG 36:6	19119	26743	11180	12695	7286	13981	20902	9738
PC 32:0	290310	111096	178057	189613	229197	158155	214206	201378
PC 32:1	203403	239721	231838	198201	263444	229157	232196	186013
PC 32:2	165810	126477	121739	127671	152603	128896	100632	143143
PC 34:1	3925357	3785240	3245298	4106359	4903053	4370975	4471159	3678538
PC 34:2	3447817	2491537	1745468	3109488	3662432	3152514	2328528	3019848
PC 34:3(1)	65916	43903	25907	53011	49514	55538	40938	51938
PC 34:3(2)	50197	15826	29108	30374	37085	24527	34602	31672
PC 34:4	31755	38047	36492	31725	41668	36528	35972	28428
PC 36:1(1)	25688	20058	35222	25269	23084	21252	29675	17845
PC 36:1(2)	264633	176989	235692	283275	318740	305174	270205	217446
PC 36:2	2635787	2896164	2899689	3305195	4000350	3862819	4286718	2613696
PC 36:3	4997681	4265574	3787866	5242996	5929660	5647718	4824663	4555695
PC 36:4(1)	3233421	1852687	1524088	2894383	3416322	3094101	1775230	2573503
PC 36:4(2)	554943	555250	497494	576923	586314	578519	577476	550649
PC 36:5(1)	174188	108826	67987	183963	156545	199201	90066	141618
PC 36:5(2)	508461	398756	289118	481686	530461	486335	366479	479166
PC 38:2(1)	20386	11741	6372	15657	17181	18460	7190	23509
PC 38:2(2)	20386	11741	6372	15657	17181	18460	7190	23509
PC 38:3	27923	18214	15968	26677	28912	31067	20721	27880
PC 38:4(1)	10812	8648	15481	12445	10558	9094	13491	7835
PC 38:4(2)	45157	28955	38872	51411	54837	51610	44281	34949
PC38:5	397535	426303	428963	453598	477242	442449	465784	384456
PC38:6	614642	557155	523955	623555	612223	597501	589571	568979
PE 34:1	284879	202454	307664	246555	435839	359652	363899	288644
PE 34:2	585420	394951	304917	412963	531930	484685	357313	415278
PE 34:3	10325	5803	2628	7550	9642	10012	5044	7180
PE 36:2	125770	89684	195306	156287	240358	208164	240125	155162
PE 36:3	395312	277496	379651	424054	528385	485818	449061	403185
PE 36:4	534053	313169	322874	476294	475206	430154	325470	394265
PE 36:5(1)	13462	5269	5065	12821	13623	14170	7091	9072
PE 36:5(2)	103906	72167	61253	81845	95529	88303	71126	78502
TAG 48:0	693718	1681321	1035065	648129	608477	609277	1814363	860234

Rice Lipid Raw Data	GW682	GW683	GW684	GW685	GW686	GW687	GW688	GW689
TAG 48:1	789152	1163579	3575792	854820	1198330	1321996	1449501	1030349
TAG 48:2	2062048	3290880	6479018	1516744	2003548	2121302	2794519	2187745
TAG 48:3 (1)	125810	179142	468248	142201	197358	210036	170501	150045
TAG 48:3 (2)	17743	24289	43490	35954	46633	34854	26014	20245
TAG 48:4(1)	49526	67580	146862	61244	81770	88908	54384	67335
TAG 48:4(2)	10785	20384	33124	17660	20069	17331	9658	11619
TAG 50:0	381764	772671	489028	404080	421352	433553	858537	471030
TAG 50:1	11900000	18900000	19300000	14400000	14700000	15200000	22800000	15300000
TAG 50:2	24400000	33500000	30800000	23300000	24800000	26600000	34600000	28700000
TAG 50:3	4807929	6878387	12300000	4900007	6268098	6894339	7480818	5767655
TAG 50:4	2873476	4370602	7687297	1947620	2652952	3006870	2944117	3217683
TAG 50:5 (1)	151102	221736	420353	97049	158693	171025	150767	150667
TAG 50:5 (2)	15201	14575	34317	26052	33620	33763	15883	19269
TAG 52:0	320803	500459	361551	312156	370768	357953	566347	372892
TAG 52:1	4185612	7323583	8073263	5726903	6551243	7429354	9571783	5604413
TAG 52:2	26900000	36400000	37300000	33300000	34200000	35400000	38900000	33800000
TAG 52:3	44600000	51300000	54100000	44200000	48300000	49800000	54500000	48200000
TAG 52:4	46500000	53800000	55000000	45500000	46700000	46900000	51900000	52300000
TAG 52:5	6495411	8550177	8033256	6476974	7100073	7378479	7981779	7603248
TAG 52:6	176174	267995	219535	190613	183990	201147	274613	210866
TAG 54:0	138246	206441	147070	136367	165935	160369	216933	161987
TAG 54:1	1617235	3391835	3742280	2763350	3236449	3785114	4558773	2719403
TAG 54:2	8340190	14300000	15400000	12900000	14000000	15500000	17900000	11600000
TAG 54:3	25500000	34300000	36200000	31800000	34700000	35600000	38000000	30200000
TAG 54:4	38400000	45800000	49000000	43400000	46900000	48300000	48500000	44400000
TAG 54:5	45400000	51200000	56500000	46800000	52300000	53200000	50100000	49200000
TAG 54:6	26700000	29300000	35200000	25600000	29800000	31100000	26000000	32300000
TAG 54:7	4072885	4050498	5251620	3637363	4748421	4879387	3786223	4521570
TAG 54:8	167845	162621	190798	190131	203048	227325	165094	185945
TAG 56:0	51239	112941	57430	49396	42577	41583	109541	67020
TAG 56:1	529443	1159095	1191440	907666	1024584	1227750	1680054	953420
TAG 56:2	2837853	6075592	5730289	4620837	5634036	6408538	8272747	4819461
TAG 56:3	4682138	7082350	9062978	7155964	8686382	9210536	9408305	6822770
TAG 56:4	4522075	4876374	5613001	5595394	6069140	6728365	5021115	5623476
TAG 58:0	11451	27042	10890	11191	10592	10935	23674	15812
TAG 58:1	568584	1107644	1124560	866142	912733	1052818	1476990	1029298
TAG 58:2	1870664	3527874	3082644	2601617	2774977	3199412	4291432	3006013
TAG 58:3	1256048	1909004	2319031	1832584	2065991	2406241	2364238	1909589
TAG 58:4	1310609	1921824	2080797	1692539	1972343	2214664	2267765	1946654
TAG 58:5	208313	169943	243995	173983	241788	245504	244829	197736
TAG 60:1	152469	321576	254933	252034	264786	323432	432091	318356
TAG 60:2	1207008	2516386	2025000	1900307	2040674	2417016	3237622	2138138
TAG 60:3	1788217	2381582	2768877	2277052	2549850	2926115	2859940	2430824
TAG 60:4	1996423	2455937	2408748	2235263	2403844	2690409	2589950	2661123
TAG 60:5	139231	190494	178415	166516	185443	209777	223486	207958
TAG 60:6	8484	5910	16710	12129	17463	19696	10903	7970
DAG 34:1	20811	36393	25800	38732	32065	28426	34098	26269
DAG 34:2	80338	48841	39353	65581	44311	55543	56601	51380
DAG 36:2	22008	37559	30220	48897	38993	48237	54696	33286

Rice Lipid Raw Data	GW682	GW683	GW684	GW685	GW686	GW687	GW688	GW689
DAG 36:3	157524	103434	123447	161610	185452	164067	128439	128584
DAG 36:4	378203	190120	213485	240736	246310	206027	148445	252600
DAG 36:5	42342	20125	21511	25996	30183	23477	17405	26685
Lyso-MGDG 16:0	410456	295696	231771	140153	179726	195083	243591	250931
Lyso-MGDG 18:0	18894	16488	10067	8609	9498	9503	11943	16724
Lyso-MGDG 18:1	7855	13768	19006	7741	8608	11319	11212	13820
Lyso-MGDG 18:2	45947	68069	35289	30464	34548	38161	60586	70698
Lyso-DGDG 16:0	32177	104720	17285	12925	14628	14364	59468	41149
Lyso-DGDG 18:1	9248	34764	6141	8378	9180	12120	22312	19991
Lyso-DGDG 18:2	46095	231290	13302	46080	40721	46127	158191	153444
Lyso-PC 16:0	7715285	4099307	1413344	2924269	3558736	3986958	3848426	3249495
Lyso-PC 16:3	163073	90543	23224	45166	77882	86428	74092	79660
Lyso-PC 18:0	481257	182485	153623	155332	256984	304768	188094	194692
Lyso-PC 18:1	1325223	635712	3462803	876332	1104333	1369444	795235	687128
Lyso-PC 18:2	4072280	3004452	1457615	2173096	2184079	2578208	2768021	2358947
Lyso-PC 18:3	1124180	801713	307167	621300	720401	809326	776432	678758
Lyso-PE 16:0	642261	239658	104744	188744	275020	301811	273655	271918
Lyso-PE 18:0	24554	18255	12085	7233	12113	11911	12570	20340
Lyso-PE 18:1	67711	31482	216241	45625	66131	74503	44834	43351
Lyso-PE 18:2	367953	246370	144458	193289	225672	254204	282447	262700
Lyso-PE 18:3	114998	54874	25106	45608	63053	66528	60437	61768
SQDG 32:0	50131	36697	60844	33765	23073	26774	25843	41266
SQDG 34:2	24850	15369	16473	10692	14569	8376	7957	13611
PG 32:0	71304	33358	47150	14773	33135	16803	19472	57331
PG 34:1	46574	51310	36906	24144	46798	64894	61094	51838
PG 34:2	63998	72538	59340	18527	46222	48364	51002	40123
PG 36:3	13131	13161	8405	8005	15646	15836	16499	11588
PS 36:0	66113	36708	41564	37834	36531	45822	39633	38342
PS 36:1	29972	26422	20575	17309	18971	25740	19854	16509
PS 38:0	612571	485169	471823	424550	500608	562376	525272	521637
PS 38:1	496751	455627	347457	269306	434859	489651	459053	359857
PS 38:2	9476	10794	7239	3406	8919	7840	9761	6595
PS 40:0	48178	37723	24177	32532	41660	45497	44094	36360
PS 40:1	547575	353271	361851	357142	422093	470456	473867	510329
PS 40:2	685028	550319	533230	470670	602481	630983	624056	585901
PS 40:3	355600	387502	240271	178387	360933	384047	345033	221204
PS 40:4	18761	17922	11141	6182	20527	17146	20253	9255
PI 34:1	267486	266345	156642	223880	234631	368253	299842	281252
PI 34:2	838070	755839	712983	369513	531803	399712	407684	595371
PI 34:3	23499	21886	24773	7909	15911	8906	11126	14452
PI 36:4	83087	114375	55888	55116	76413	55365	53902	62586

Rice Lipid Raw Data	GW690	GW691	GW692	GW693	GW695	GW697	GW698	GW699
DGDG 32:0	20959	7060	14264	5447	19005	22011	10658	19345
DGDG 34:1	17765	16481	8831	7890	15343	19275	7974	16613
DGDG 34:2	136564	88266	78746	53665	100185	99468	70590	115696
DGDG 36:2	23478	13520	14308	11366	24164	24113	10265	15518
DGDG 36:3	40220	66345	17150	22455	29366	26477	23956	26776
DGDG 36:4	116190	140334	53328	67139	86347	59683	67997	70085
DGDG 36:5	29562	55366	8292	17948	21444	24539	23119	19461
DGDG 36:6	19173	25303	3221	7830	14892	19750	20254	10704
MGDG 32:0	13188	5279	7679	2213	11734	22660	9623	14228
MGDG 34:0	27502	6728	21095	11227	44695	45105	22648	33860
MGDG 34:1	8499	10069	5518	4881	19878	12506	5563	11426
MGDG 34:2(1)	41533	23787	46847	10285	73152	61050	60035	68378
MGDG 34:2(2)	41259	26255	25221	14298	39511	53743	34986	64640
MGDG 36:3	11068	28101	10011	17869	22384	19617	18477	23081
MGDG 36:4	36026	46853	25755	23735	49939	44012	46210	40013
MGDG 36:5	8760	20801	6828	12009	12547	20654	16809	7383
MGDG 36:6	14246	15585	8886	7232	12020	25109	25330	11596
PC 32:0	309024	329893	365327	302316	262888	140667	287437	394694
PC 32:1	233465	290945	186580	233254	158295	134739	183385	177506
PC 32:2	122567	164735	127162	213413	89470	65230	93307	113180
PC 34:1	4830294	5388795	3958193	4371006	4238964	3080684	4846664	4460836
PC 34:2	3132160	4037050	2990144	4292633	2786864	1878603	2931267	3206918
PC 34:3(1)	66917	255276	51137	59441	65349	53911	65263	73989
PC 34:3(2)	52159	54292	62441	49595	42881	23090	46798	63973
PC 34:4	37596	47118	28338	35920	23057	19496	27424	26919
PC 36:1(1)	22983	36415	20942	27769	32578	32287	25248	25155
PC 36:1(2)	280949	333101	221034	304602	234838	153421	208969	190045
PC 36:2	4528391	4474951	3599950	3602701	3444075	2534041	4487816	4398244
PC 36:3	6026014	6916854	5560388	6223404	4769813	3464193	5751260	5768672
PC 36:4(1)	2582212	3711938	2728221	4523425	2075225	1434807	2302635	2637285
PC 36:4(2)	582140	626506	531646	561013	551167	486237	604907	574792
PC 36:5(1)	167051	477021	145454	324412	153443	118824	138362	198428
PC 36:5(2)	478212	541653	459791	581434	432136	312880	459470	490294
PC 38:2(1)	11699	15431	16182	28128	17977	13905	15892	17198
PC 38:2(2)	11699	15431	16182	28128	17977	13905	15892	17198
PC 38:3	25844	40116	25746	44544	25694	16096	24276	31629
PC 38:4(1)	10461	15903	9145	11010	15272	12983	11423	11481
PC 38:4(2)	47313	57534	37495	51482	38546	24954	32547	30169
PC38:5	488705	462205	467515	461685	425062	368853	474015	462968
PC38:6	619433	602165	623530	619518	571590	497046	622518	604544
PE 34:1	479054	619838	304452	409994	369436	254614	568547	448360
PE 34:2	541373	671903	393400	566046	468998	344161	638053	482308
PE 34:3	13279	46253	9892	9104	11061	10057	15688	13417
PE 36:2	306238	352458	236653	247593	273063	142770	326017	322507
PE 36:3	552126	671877	487386	526985	507726	351699	615547	546803
PE 36:4	420584	548683	386175	567696	401060	295045	481936	400751
PE 36:5(1)	15731	42525	12410	18593	14307	10667	16448	15096
PE 36:5(2)	101853	107437	76515	103298	86225	67907	109552	90109
TAG 48:0	1977078	1001891	1501630	715472	1719873	1803557	1464689	1818615

Rice Lipid Raw Data	GW690	GW691	GW692	GW693	GW695	GW697	GW698	GW699
TAG 48:1	1406756	1657455	1121444	1170879	1099249	999269	865155	1222729
TAG 48:2	3217347	3473885	2800865	2642644	2129191	2272046	1607622	2414111
TAG 48:3 (1)	202814	266028	165138	189448	149676	153677	120617	172371
TAG 48:3 (2)	43411	30874	17655	38759	24935	22307	51915	38938
TAG 48:4(1)	69085	103199	55292	79571	56304	45653	46553	55043
TAG 48:4(2)	17698	17512	8798	16286	9506	7665	15432	14690
TAG 50:0	899543	537654	701665	413653	814024	938090	651445	724814
TAG 50:1	21800000	21700000	18700000	16200000	20300000	18700000	20000000	21100000
TAG 50:2	35800000	34100000	32700000	28600000	32400000	31000000	32500000	34800000
TAG 50:3	7970894	9325182	6899003	6778392	6165837	6561746	5671919	6873308
TAG 50:4	3542484	4522047	3144109	3175322	2244363	2374916	1975213	2514021
TAG 50:5 (1)	189382	244894	178882	186391	125100	162003	104174	166140
TAG 50:5 (2)	25795	25767	11695	34988	14991	9930	30665	22595
TAG 52:0	551470	411715	466768	329892	531092	611979	473937	510629
TAG 52:1	8969761	9431495	6656158	6458346	7117890	7638327	6968347	7325126
TAG 52:2	37600000	37800000	36200000	31900000	37200000	34000000	36900000	37900000
TAG 52:3	52400000	52400000	50700000	47600000	50000000	48700000	50600000	52000000
TAG 52:4	55300000	58200000	51300000	50800000	49200000	49000000	52900000	53200000
TAG 52:5	9552884	11500000	9064049	8458717	7973154	9000136	9274257	9653145
TAG 52:6	373228	770632	318706	233177	301966	389149	316434	368310
TAG 54:0	200205	175710	190206	145669	207660	225362	199061	184107
TAG 54:1	4063227	4000433	3366140	3016479	3494776	3811664	3263877	3711258
TAG 54:2	16400000	16700000	14800000	13500000	13900000	14000000	14100000	15300000
TAG 54:3	36400000	36800000	34800000	34300000	34700000	33300000	36300000	36800000
TAG 54:4	47900000	50300000	45100000	46600000	45200000	43500000	47000000	48500000
TAG 54:5	51600000	58300000	49100000	52900000	45800000	43200000	51000000	52000000
TAG 54:6	28400000	34800000	27700000	30800000	24800000	24700000	29600000	27800000
TAG 54:7	4454122	6644370	4822912	5146732	3985489	4068700	4942944	4870520
TAG 54:8	278333	666666	274120	250531	216656	273469	271052	304781
TAG 56:0	126015	63507	112652	52207	110452	116830	97392	118373
TAG 56:1	1485889	1244933	1260580	998210	1207997	1257809	1024578	1318208
TAG 56:2	7157206	6333589	7168419	5657762	6254789	6379416	6200039	7070694
TAG 56:3	8954807	9895337	8576721	8292000	7930945	7528854	7985898	9205048
TAG 56:4	5342263	6038847	5446613	6848026	4560805	4871112	4371296	4800506
TAG 58:0	33111	14896	26097	10110	26179	25996	21087	26514
TAG 58:1	1369674	1152391	1187432	921418	1164236	1067818	1019136	1323342
TAG 58:2	4027518	3571737	4067059	3130249	3527899	3262352	3241148	3978322
TAG 58:3	2406174	2432889	2300893	2254167	2022701	1970598	1992813	2430838
TAG 58:4	2315674	2344670	2287808	2429648	1765055	1744928	1739288	2088747
TAG 58:5	293209	318192	269652	261879	227095	230694	210334	253183
TAG 60:1	438326	339245	380395	248585	356161	279739	302651	376293
TAG 60:2	3219064	2496267	3070993	1956103	2511624	2214615	2385748	3069463
TAG 60:3	3029894	3011725	2924845	2741943	2559398	2150469	2392262	2996343
TAG 60:4	2881014	2958660	2820243	2837361	2217150	1907465	2214367	2513167
TAG 60:5	331913	297729	315937	251532	244085	221559	232960	301743
TAG 60:6	18674	44657	13150	15887	11174	15095	14756	17638
DAG 34:1	20194	28625	25024	25090	28148	39737	34045	38432
DAG 34:2	32842	52710	50187	44187	54554	99175	74268	55698
DAG 36:2	28884	54293	43733	27622	50525	72798	75052	47055

Rice Lipid Raw Data	GW690	GW691	GW692	GW693	GW695	GW697	GW698	GW699
DAG 36:3	89922	109764	84656	155916	94863	111463	121137	158688
DAG 36:4	119273	157722	128514	266080	130328	141627	145817	172570
DAG 36:5	20967	21662	18699	35198	19885	22176	20055	24943
Lyso-MGDG 16:0	344548	215865	267208	208735	350021	242132	272063	297226
Lyso-MGDG 18:0	17810	6805	13281	10050	25358	24520	16624	20283
Lyso-MGDG 18:1	18239	14745	7127	9474	14456	10915	7233	10323
Lyso-MGDG 18:2	83142	43762	54082	35456	51381	52372	51657	46878
Lyso-DGDG 16:0	100070	37980	51578	22448	63536	39038	33795	48582
Lyso-DGDG 18:1	33317	20080	14348	14231	22730	14520	11434	16069
Lyso-DGDG 18:2	207263	72466	97298	58983	82164	60885	57844	65411
Lyso-PC 16:0	5014914	4851013	5443707	5275845	4556102	2966696	4670531	3200224
Lyso-PC 16:3	113191	163627	97345	127600	54544	34565	34653	35536
Lyso-PC 18:0	297468	205861	289452	340740	350304	275820	257107	185263
Lyso-PC 18:1	808973	1164359	771915	1117191	963985	435455	641457	452886
Lyso-PC 18:2	2930194	2669134	3130331	2942209	2451357	1540303	2854319	1310888
Lyso-PC 18:3	898690	891247	951961	954257	852941	626648	888167	670148
Lyso-PE 16:0	475620	339543	413891	414650	430334	243726	401546	288482
Lyso-PE 18:0	21257	22170	13482	12914	10407	7156	4399	9673
Lyso-PE 18:1	54418	63517	42576	68707	70743	27125	48354	31041
Lyso-PE 18:2	389293	271800	293444	330464	302219	162373	363717	137414
Lyso-PE 18:3	96150	74354	85917	85323	90713	57657	85489	66624
SQDG 32:0	17508	58464	38625	50888	61211	42654	53668	39015
SQDG 34:2	11634	23402	18406	13757	20528	11339	15073	10904
PG 32:0	27692	49695	32449	41422	56414	34283	41536	49050
PG 34:1	39849	59518	72616	48407	74644	48837	32684	70696
PG 34:2	44702	55949	59236	47787	92073	45517	40953	54035
PG 36:3	11212	15575	22563	16446	18798	16763	8480	16387
PS 36:0	33930	42109	49115	32750	57810	30685	23644	31151
PS 36:1	20338	19540	24781	19850	26391	14888	9080	14200
PS 38:0	448886	565062	617573	487422	639651	461523	397330	559939
PS 38:1	441280	443125	527820	427659	507148	386728	281196	388690
PS 38:2	8782	11073	41433	8429	13218	8040	8896	9424
PS 40:0	29367	38432	48632	29354	40723	29664	21840	29520
PS 40:1	329061	533089	507257	455214	474363	458146	341332	509337
PS 40:2	552742	644193	678282	609978	659790	592137	451205	612561
PS 40:3	319860	297281	414780	327021	376513	279212	190589	276412
PS 40:4	15453	18559	49577	19010	24515	15980	13128	14909
PI 34:1	227450	337273	451019	314008	317823	245916	263255	531004
PI 34:2	522203	748484	726624	609707	764847	443055	694907	720090
PI 34:3	13297	27465	45662	16510	25265	14296	30023	21375
PI 36:4	57194	80886	108609	94870	75438	65366	59374	70739

Rice Lipid Raw Data	GW700	GW701	GW702	GW703	GW704	GW705	GW706	GW707
DGDG 32:0	42551	5161	13486	4593	5009	7276	12031	15427
DGDG 34:1	34932	8157	9234	4113	9609	9962	9219	11347
DGDG 34:2	179735	46125	79267	32821	66324	55482	76384	91927
DGDG 36:2	30577	6696	17244	6360	13908	6329	18656	13806
DGDG 36:3	26833	20170	19725	15764	37603	24408	25601	26885
DGDG 36:4	59959	62178	71274	63313	116185	71778	73631	71848
DGDG 36:5	9975	23780	13828	19827	36497	26784	22833	22459
DGDG 36:6	7217	18676	9262	11522	18490	17990	12982	19013
MGDG 32:0	30961	2874	6724	3734	8248	3778	11565	8969
MGDG 34:0	51741	8873	23918	4036	8022	7100	34324	10411
MGDG 34:1	17329	6806	5135	1469	7225	8947	5853	6110
MGDG 34:2(1)	39864	21465	57848	12141	19055	23955	37462	49538
MGDG 34:2(2)	94024	16668	32595	11778	38843	16404	41648	35997
MGDG 36:3	18898	15990	24387	16176	27966	17140	36684	20324
MGDG 36:4	27616	32220	46708	50541	59635	36885	63505	53633
MGDG 36:5	4465	14837	10539	13455	18997	16937	17137	21645
MGDG 36:6	10935	13428	8767	18470	17105	15586	20839	23323
PC 32:0	153122	138059	168662	146643	255937	134632	274412	127619
PC 32:1	116040	185282	183998	252453	304304	198416	222447	260430
PC 32:2	69872	118788	100971	174812	163600	126768	148544	155553
PC 34:1	2876653	3520728	4077990	3796978	5086526	3971256	5359910	3784649
PC 34:2	1966342	3001461	2374099	3723583	4094109	3516886	4177504	2404576
PC 34:3(1)	40770	84222	35981	75194	105822	56718	87869	26052
PC 34:3(2)	24637	21615	26821	22261	39683	20485	43811	19440
PC 34:4	17179	29818	28686	39682	48525	31445	34447	41541
PC 36:1(1)	18649	26141	21898	19467	35238	21878	26719	23519
PC 36:1(2)	122390	203227	227255	188389	326490	168314	315094	174188
PC 36:2	2860154	2772857	3746582	2757981	3955164	3258789	4567119	3089676
PC 36:3	3851540	4554850	4866880	5311671	6166133	5312464	6845350	4696494
PC 36:4(1)	1628156	2513190	1976806	3596903	3888634	3199714	3507841	2035361
PC 36:4(2)	448719	532633	567383	543329	625595	585390	601783	548926
PC 36:5(1)	133061	186489	107813	225301	302223	187533	225171	100151
PC 36:5(2)	322319	464994	382341	546226	564575	532176	564131	395878
PC 38:2(1)	12244	13064	15039	19718	27781	15350	17135	14123
PC 38:2(2)	12244	13064	15039	19718	27781	15350	17135	14123
PC 38:3	16476	25570	18078	24531	34359	29331	30996	20238
PC 38:4(1)	8614	10855	9746	8661	15930	10240	12298	10638
PC 38:4(2)	19438	34418	38739	30490	53870	26771	50674	28489
PC38:5	386470	411041	454469	439260	484440	452381	472427	412894
PC38:6	539388	593797	571051	604274	581935	604690	593410	577577
PE 34:1	281379	308012	392597	347510	608555	306144	414328	257224
PE 34:2	333969	471655	463976	605769	730339	509100	640782	472400
PE 34:3	6138	14907	7637	12924	17955	9795	15665	3932
PE 36:2	204748	149274	247054	166855	320137	140845	251382	98915
PE 36:3	387416	394771	521979	516287	626641	417940	574167	359105
PE 36:4	304937	405162	387703	635160	651747	456420	515988	406754
PE 36:5(1)	10168	19887	9665	21447	25876	15305	18690	8843
PE 36:5(2)	68427	86152	85818	109782	114484	90858	108413	90663
TAG 48:0	2687241	569028	1449105	692006	746078	811467	2112480	1216832

Rice Lipid Raw Data	GW700	GW701	GW702	GW703	GW704	GW705	GW706	GW707
TAG 48:1	1022820	992463	1035244	1294216	1570642	1251726	1225261	1426874
TAG 48:2	2324834	2164562	1831823	2825869	2755281	2705885	3092451	3863912
TAG 48:3 (1)	136746	177768	120226	231769	234524	218374	217397	229207
TAG 48:3 (2)	22753	29179	17180	47997	51260	35083	30075	11118
TAG 48:4(1)	37123	68271	40133	117812	98225	85995	66092	70797
TAG 48:4(2)	9304	15007	9741	19354	18212	16506	14526	11305
TAG 50:0	1002776	338840	681627	401312	477642	447157	1003719	548834
TAG 50:1	19100000	13400000	19100000	14800000	18700000	17400000	23400000	17800000
TAG 50:2	31100000	24900000	30300000	28500000	32300000	32200000	38100000	33700000
TAG 50:3	6099538	5770805	5325850	8339462	8683686	7493065	8502435	8573222
TAG 50:4	2062938	2779313	2082031	4613619	3753434	3581122	3384980	4557359
TAG 50:5 (1)	123473	168753	105808	210952	177066	211973	230049	249841
TAG 50:5 (2)	10104	19084	11785	49304	43520	28641	19127	12846
TAG 52:0	550220	305306	447973	317375	340921	334813	573904	442039
TAG 52:1	6157515	4871386	6933198	5718277	8640938	6968521	9803134	5322637
TAG 52:2	34800000	31800000	37300000	33300000	36200000	36900000	39200000	34500000
TAG 52:3	47400000	45100000	49500000	50900000	52100000	51600000	53100000	50700000
TAG 52:4	45200000	44900000	46100000	56900000	56900000	53000000	59800000	55500000
TAG 52:5	7432523	7321681	6823001	9343367	9483183	9401764	12000000	9133420
TAG 52:6	257752	231454	222477	281648	361545	279601	476688	317753
TAG 54:0	215682	136178	179869	122258	129700	122659	224084	181184
TAG 54:1	2734876	2225389	3130535	2520257	3725131	3096681	4035456	2928902
TAG 54:2	11400000	10700000	13900000	12000000	17000000	13900000	16600000	11800000
TAG 54:3	33300000	31300000	34300000	33300000	38100000	35000000	36800000	31300000
TAG 54:4	41900000	41300000	45700000	50200000	48700000	47200000	48700000	44300000
TAG 54:5	39500000	47400000	44100000	57900000	58600000	55900000	54000000	51400000
TAG 54:6	20300000	27300000	23200000	38100000	34100000	32800000	32700000	32100000
TAG 54:7	3254313	4592962	3441360	6420076	5770236	5898621	6134938	4814928
TAG 54:8	179397	259874	166253	308214	369236	316219	375165	242880
TAG 56:0	153929	34649	93181	44528	48293	47026	123994	90723
TAG 56:1	1016213	686747	1098121	755662	1076394	973934	1389903	1105498
TAG 56:2	5073731	3869561	5922725	4493044	6175256	5208225	6728378	5774848
TAG 56:3	6368688	6046784	7076268	7646069	9442416	8409566	8228856	7942957
TAG 56:4	3745401	4993323	4330471	6331389	6561124	6021742	5192398	6953399
TAG 58:0	33878	6563	19907	9621	11341	9068	24122	19679
TAG 58:1	1046856	638210	1061446	686824	880502	913419	1112684	1124614
TAG 58:2	3219181	2146692	3025799	2445684	2873101	2925900	3758527	3805982
TAG 58:3	1722034	1513956	1756545	1834277	2201374	2131835	2307344	2388130
TAG 58:4	1388347	1633760	1635051	2047459	2422405	2172975	2189500	2552935
TAG 58:5	177338	240776	171039	228557	281641	289644	321296	252865
TAG 60:1	291394	149221	308225	199710	268325	230080	289614	320981
TAG 60:2	2195652	1414184	2345252	1605749	1942488	1911834	2311202	2393131
TAG 60:3	2226638	1878248	2185897	2197826	2509185	2631974	2377926	3017820
TAG 60:4	1859716	2003090	1933717	2542808	2798735	2611633	2396549	3293488
TAG 60:5	193562	156848	179736	201083	218837	210013	302133	323264
TAG 60:6	8975	22060	8247	15158	31299	23638	24170	10809
DAG 34:1	21254	16159	35527	29346	52519	22115	53615	17508
DAG 34:2	33207	32509	65204	94270	124018	48821	102707	44135
DAG 36:2	30322	31006	53135	60936	91158	44224	72567	33734

Rice Lipid Raw Data	GW700	GW701	GW702	GW703	GW704	GW705	GW706	GW707
DAG 36:3	60811	61577	122981	176833	269811	91323	203288	66813
DAG 36:4	85679	117231	149052	305012	349800	154068	269460	132591
DAG 36:5	17700	17612	24540	29274	35996	18826	40022	16593
Lyso-MGDG 16:0	191698	174136	227362	150249	109088	165944	224563	250420
Lyso-MGDG 18:0	15868	7033	12949	7339	6161	7099	18006	8175
Lyso-MGDG 18:1	15055	8653	6822	2922	8432	11886	8340	11889
Lyso-MGDG 18:2	47210	30570	51082	30208	46487	34817	35990	83775
Lyso-DGDG 16:0	92819	20711	42531	11334	19844	19957	32267	58448
Lyso-DGDG 18:1	18134	14813	9731	5355	9556	15267	11469	17785
Lyso-DGDG 18:2	60021	54172	70640	39309	55926	53413	42280	119196
Lyso-PC 16:0	2815652	3870242	4258848	3407332	3014863	3238315	4378862	3791271
Lyso-PC 16:3	28568	103644	66182	135387	77207	80270	65427	116025
Lyso-PC 18:0	224972	194009	272463	171140	234351	133426	402984	171496
Lyso-PC 18:1	361350	845800	566432	670003	741594	777143	751011	574806
Lyso-PC 18:2	1054294	2171466	2876554	2607448	2010686	1999606	2296551	2483754
Lyso-PC 18:3	599876	777838	826452	703822	638293	670537	845518	762353
Lyso-PE 16:0	260031	278699	393177	286585	300026	224660	381928	265544
Lyso-PE 18:0	5262	15614	6833	15899	8890	14103	7335	24508
Lyso-PE 18:1	29238	48717	41327	40363	58293	47929	48358	35040
Lyso-PE 18:2	130607	211693	345836	286385	268546	203379	280873	301118
Lyso-PE 18:3	58701	61826	86446	64070	64568	54395	80957	59524
SQDG 32:0	50048	47252	31439	26272	36380	33412	31508	46303
SQDG 34:2	20831	14746	9769	9667	10125	7895	7927	14602
PG 32:0	45806	35294	22836	39524	20535	29199	24380	45402
PG 34:1	56578	38105	53709	54735	58141	82930	57198	92335
PG 34:2	52953	40669	52009	48336	66770	69950	63175	94679
PG 36:3	19348	12250	14096	14804	16725	21624	17411	27803
PS 36:0	31252	21115	33205	32214	42190	49269	35945	39654
PS 36:1	16730	10327	21083	15492	27304	25874	20140	22155
PS 38:0	551646	369286	425669	495023	473216	581020	475683	594478
PS 38:1	437677	282001	415822	359932	486843	509532	458905	517696
PS 38:2	11726	6741	13750	6074	12710	20221	10001	14793
PS 40:0	27812	17197	26864	28607	25928	44465	25591	42641
PS 40:1	529445	364944	362971	488851	374864	437412	398564	482647
PS 40:2	650718	473992	559039	566710	585594	657627	593731	680954
PS 40:3	299035	213215	320498	234915	401729	378372	367228	403999
PS 40:4	21311	15112	22174	10770	24551	32739	19522	23020
PI 34:1	335649	263106	326308	357448	345913	620705	265727	307475
PI 34:2	661544	606460	516715	605859	672600	883031	513959	540924
PI 34:3	21838	16325	20225	15435	17854	29466	14890	17443
PI 36:4	98175	91931	70592	64663	86798	113020	72474	71990

Rice Lipid Raw Data	GW708	GW709	GW712	GW713	GW715	GW716	GW720	GW721
DGDG 32:0	7162	12441	19465	12135	14561	14327	8829	17591
DGDG 34:1	10029	10356	15764	24088	17635	7782	10999	11278
DGDG 34:2	78374	71344	105941	231681	113171	65753	88894	95180
DGDG 36:2	17063	13207	21643	47677	25459	7388	17868	14986
DGDG 36:3	34213	25681	26269	55156	36619	20384	20115	29318
DGDG 36:4	110327	69296	87869	212365	97636	45896	73809	80873
DGDG 36:5	34939	19171	27568	32053	29306	17023	19409	29731
DGDG 36:6	17959	10617	18469	33649	28740	15243	12462	15618
MGDG 32:0	6347	17080	13832	6529	16404	16206	7738	18554
MGDG 34:0	7184	25898	36919	11273	48259	13560	19302	27544
MGDG 34:1	4788	9215	13190	28462	25116	4425	7246	4347
MGDG 34:2(1)	34096	51827	69498	87658	69071	46526	87739	45490
MGDG 34:2(2)	34171	42228	45600	64893	70161	46566	35072	47480
MGDG 36:3	19432	13660	14903	25582	18136	13311	11993	19644
MGDG 36:4	67140	37198	45841	62530	45922	28857	50974	58500
MGDG 36:5	29125	10219	16494	11895	14458	11035	17302	23119
MGDG 36:6	28730	8736	16349	19096	25786	9718	15087	20701
PC 32:0	127564	221417	274779	99766	225037	186797	198209	294435
PC 32:1	308139	144719	123681	112035	255862	230617	194341	199042
PC 32:2	156704	81291	75207	101408	125540	109287	138319	112247
PC 34:1	4820694	4179561	3847901	2378934	4854572	3069371	3558807	4824386
PC 34:2	3221317	2719793	2840904	2362717	3286441	1950910	2736925	3398430
PC 34:3(1)	55013	80357	77396	42320	77273	36084	36885	38668
PC 34:3(2)	17611	34786	43916	14418	36049	27542	31148	46332
PC 34:4	48862	22615	18726	17197	39069	37241	32323	30757
PC 36:1(1)	42720	23233	33632	47768	21043	18319	40232	22259
PC 36:1(2)	334368	148495	234958	131961	343216	135438	199389	265123
PC 36:2	4327287	3874090	3373664	2217978	4410359	2908897	3070418	4506044
PC 36:3	5571303	5165327	4866820	3621934	5696073	3753490	4444076	6205879
PC 36:4(1)	2646804	2128728	2501611	2087691	2645152	1483398	2242185	2801764
PC 36:4(2)	596002	580154	529004	373717	591847	488014	493795	564196
PC 36:5(1)	187225	179148	179293	99676	201005	92864	135485	135261
PC 36:5(2)	487161	425512	433542	372377	492890	321065	422874	487484
PC 38:2(1)	20783	10067	13762	8569	19342	9619	16234	30422
PC 38:2(2)	20783	10067	13762	8569	19342	9619	16234	30422
PC 38:3	26743	19627	19715	13124	26078	16275	18275	38851
PC 38:4(1)	19436	9995	14585	20842	8858	7830	17753	9114
PC 38:4(2)	55561	25287	39883	21005	56155	23818	33390	46483
PC38:5	467473	462951	440365	334684	482734	408259	406382	441801
PC38:6	624892	577722	592085	497337	599247	506379	545845	616499
PE 34:1	433796	309240	280143	173369	409748	251700	277377	503522
PE 34:2	610659	399444	472538	362851	569252	272890	437115	693161
PE 34:3	12577	12807	14610	5095	14049	3960	6374	9148
PE 36:2	300151	223465	174042	56172	253450	142335	159822	322560
PE 36:3	559967	499582	431531	180037	520443	302824	442171	621464
PE 36:4	552355	399288	470955	291554	467443	302117	439696	538581
PE 36:5(1)	18069	17452	16923	4002	19517	6180	8366	14026
PE 36:5(2)	104698	78166	93684	69486	99333	59172	83814	112308
TAG 48:0	1388569	1707078	1511402	586446	2101082	1609465	1920306	2245024

Rice Lipid Raw Data	GW708	GW709	GW712	GW713	GW715	GW716	GW720	GW721
TAG 48:1	1260141	958945	794693	576602	1404886	1467792	1292932	1230592
TAG 48:2	2351627	2066348	1483478	1691409	3172802	3526369	3541406	2562926
TAG 48:3 (1)	212586	144458	105299	126912	194525	243995	162719	157897
TAG 48:3 (2)	33799	14979	17940	22820	33770	13133	9807	32791
TAG 48:4(1)	73925	34629	32488	63223	60368	70163	54131	57717
TAG 48:4(2)	18344	10665	9806	15564	16881	11509	6061	14871
TAG 50:0	881891	788586	812526	468823	1096530	746576	1052604	994622
TAG 50:1	19300000	22800000	20700000	13100000	23000000	18500000	21100000	23800000
TAG 50:2	31200000	34200000	33600000	26400000	35100000	30600000	35000000	38200000
TAG 50:3	7963634	7387481	5581386	5247219	7952888	8208167	6961787	7675335
TAG 50:4	3894941	2015080	1603731	3108881	2831688	4634619	4700988	2410698
TAG 50:5 (1)	279745	138807	85038	167005	149744	347246	228892	142338
TAG 50:5 (2)	30970	11065	10601	17720	18449	11269	11270	16038
TAG 52:0	748531	521126	566583	358577	721129	517601	643243	648323
TAG 52:1	9234707	7635059	8530804	6207505	10100000	6784728	9331880	8751065
TAG 52:2	37000000	38500000	36900000	32600000	39700000	34900000	36000000	36100000
TAG 52:3	51800000	50100000	51000000	46200000	51900000	50600000	49300000	51300000
TAG 52:4	55800000	51500000	50100000	52800000	53800000	51600000	55800000	55200000
TAG 52:5	10800000	10800000	8308255	7568567	9032788	8293761	8182538	10100000
TAG 52:6	485645	561174	353500	323453	366312	293145	291201	361765
TAG 54:0	374094	187056	230605	143483	289343	187162	235923	268736
TAG 54:1	4434022	3520882	4066074	2680236	5025334	3380362	4372885	4540248
TAG 54:2	17100000	15000000	16800000	13200000	18300000	14600000	16100000	15400000
TAG 54:3	36600000	37400000	35900000	33900000	36700000	34500000	33800000	33900000
TAG 54:4	50100000	47600000	47000000	46100000	47900000	47700000	46200000	46500000
TAG 54:5	53200000	48800000	49300000	53300000	50300000	49300000	46700000	52500000
TAG 54:6	33700000	25300000	25600000	32000000	25200000	26000000	28300000	27400000
TAG 54:7	6319302	4633960	3868801	4853836	3755341	4155373	4229398	4501156
TAG 54:8	459821	385313	258748	221988	228639	200733	200677	243154
TAG 56:0	118956	107876	102525	40873	149895	120756	123120	150995
TAG 56:1	1266984	1241588	1414854	873276	1715453	1279265	1572787	1686462
TAG 56:2	6665350	6215020	7394344	4495114	8418370	6607303	7080601	7610053
TAG 56:3	8130816	8124223	8816501	6355302	9520537	8300716	7861856	9587281
TAG 56:4	4981745	4501709	4915529	5729034	4946363	4624671	5581360	5819317
TAG 58:0	36307	25415	24875	8287	35769	29246	28935	37671
TAG 58:1	1207797	1144894	1158157	708852	1398989	1178527	1014642	1417931
TAG 58:2	3571087	3603659	3839224	2546719	4096628	3843759	3431873	4413044
TAG 58:3	2050111	2080310	2245234	1637976	2377757	1996066	2128389	2789377
TAG 58:4	1872061	1777703	2089478	2082376	2279414	1779269	2182109	2460148
TAG 58:5	254066	303359	245581	187743	271792	206098	225438	290894
TAG 60:1	434474	345233	356897	178402	390244	388012	302962	427359
TAG 60:2	2941509	2581254	2763728	1739738	2986573	2967582	2065708	3023186
TAG 60:3	2871162	2494764	2631119	2024911	2783287	2748681	1995333	3042466
TAG 60:4	2602170	2251896	2379605	2592470	2660786	2315494	2029462	2733932
TAG 60:5	318151	325820	228026	183548	279231	225582	181093	290193
TAG 60:6	14967	22436	26056	6671	19359	8114	10035	15107
DAG 34:1	47103	40440	46312	8868	49622	24227	65115	48085
DAG 34:2	95380	100716	82003	22250	88003	51375	138166	115902
DAG 36:2	84725	78118	65053	24389	79208	59031	91382	86758

Rice Lipid Raw Data	GW708	GW709	GW712	GW713	GW715	GW716	GW720	GW721
DAG 36:3	195826	141659	192091	29626	164559	73167	162840	127460
DAG 36:4	254012	130669	196251	71311	170409	107951	236743	148041
DAG 36:5	40596	27046	29497	9853	21098	15186	24481	19160
Lyso-MGDG 16:0	199663	239736	315037	377297	409233	223467	368589	277638
Lyso-MGDG 18:0	11598	20621	31204	22669	32657	7627	26011	21728
Lyso-MGDG 18:1	7179	9198	11051	17692	21214	6759	1491	6279
Lyso-MGDG 18:2	50081	51571	56654	98526	71751	47982	20656	36747
Lyso-DGDG 16:0	42005	33781	67735	115906	73510	35014	31666	55323
Lyso-DGDG 18:1	16510	13956	18654	44829	25836	7633	4211	8554
Lyso-DGDG 18:2	122340	58582	86307	347912	85165	34615	30086	42907
Lyso-PC 16:0	5420770	3470780	4324527	3931888	6154129	3287191	5245674	4222634
Lyso-PC 16:3	161961	32918	28789	64684	72735	95230	123411	35344
Lyso-PC 18:0	404862	274801	374813	232893	492620	129100	338516	357531
Lyso-PC 18:1	1148132	547369	682120	724710	1298302	379323	605962	486430
Lyso-PC 18:2	4347406	2026010	2050907	2519985	2850146	1719052	2866468	2001561
Lyso-PC 18:3	961000	707548	825409	780097	1013761	677255	918608	811937
Lyso-PE 16:0	600890	229967	323105	361715	466919	289212	489406	391469
Lyso-PE 18:0	10580	5119	4283	21057	15226	16732	19905	5943
Lyso-PE 18:1	89571	32217	41050	42910	64624	24422	42457	36343
Lyso-PE 18:2	583178	214907	243219	295557	258756	189689	350105	253202
Lyso-PE 18:3	114125	53443	70433	77535	92777	66708	100615	81295
SQDG 32:0	28024	124714	41296	33766	57103	47723	58769	40145
SQDG 34:2	17552	26280	20058	16972	18887	16254	14491	17779
PG 32:0	52382	26807	46495	44073	27808	48140	54896	45053
PG 34:1	36666	69859	66498	40182	29990	66438	33793	40791
PG 34:2	48712	76532	87063	50869	64183	66853	38229	57116
PG 36:3	7905	17539	16355	12875	13180	17342	7039	12386
PS 36:0	45080	50683	80077	21698	18665	43288	56158	35165
PS 36:1	22027	22059	41355	10877	16288	18788	22712	20201
PS 38:0	478231	547184	587339	455342	319616	583156	384617	432138
PS 38:1	364141	434685	487268	407854	321070	451185	279367	375913
PS 38:2	4329	9340	7838	12940	7146	13369	5006	6312
PS 40:0	23510	46507	53147	31147	18993	45980	22438	28796
PS 40:1	375145	495063	486534	428715	274603	509772	363207	387105
PS 40:2	542901	600463	654004	589234	446824	652335	466759	540245
PS 40:3	248027	304360	382264	301725	273645	304628	193370	266743
PS 40:4	10954	20883	16235	19541	10672	24044	10452	12409
PI 34:1	200917	368052	282512	165781	136006	320798	164358	252591
PI 34:2	637567	864233	748825	456355	579589	719250	541168	824905
PI 34:3	15738	29147	18284	19492	15911	26795	14454	21683
PI 36:4	57919	89648	84657	62102	81998	75315	56530	106894

Rice Lipid Raw Data	GW722	GW724	GW725	GW726	GW730	GW731	GW732	GW735
DGDG 32:0	49833	13996	13743	11035	4441	17530	25096	3662
DGDG 34:1	33808	11044	10931	9763	4408	15275	15668	6883
DGDG 34:2	141124	88024	94846	95813	33729	117238	100625	60634
DGDG 36:2	27753	7902	10612	8985	7105	16938	13978	9966
DGDG 36:3	36518	26668	20401	32573	16682	38704	28530	28922
DGDG 36:4	82753	81638	78554	111087	69688	125272	71070	107129
DGDG 36:5	33377	12022	20713	38489	22724	36057	23643	36679
DGDG 36:6	26531	5651	14189	28674	14069	18736	19904	21221
MGDG 32:0	41898	8274	13833	11277	3487	12577	16830	6671
MGDG 34:0	88342	6780	8965	16275	5035	12089	41965	12951
MGDG 34:1	19528	9407	8756	5729	2279	12140	20146	7162
MGDG 34:2(1)	45363	55427	57665	58075	15212	52513	68270	54041
MGDG 34:2(2)	73164	37030	44844	41053	10697	45721	49084	30276
MGDG 36:3	17083	16251	12644	27126	13680	16909	18067	16436
MGDG 36:4	41557	47093	45576	69295	42118	68396	39611	55243
MGDG 36:5	11496	9871	12150	25947	10216	23132	15484	14446
MGDG 36:6	15667	7586	10846	22974	13669	14334	12724	11892
PC 32:0	277687	169823	338632	268946	221073	169006	232733	299010
PC 32:1	238265	123401	178591	217544	240579	398209	212491	296299
PC 32:2	138875	76407	125680	153271	196356	197323	95543	195239
PC 34:1	4665744	3203192	4359188	4276548	3905332	4524385	3821113	4520474
PC 34:2	3326443	2282844	3448576	3500153	3694002	2504213	2308462	3823251
PC 34:3(1)	63129	41338	69806	54800	80360	41242	48588	56711
PC 34:3(2)	43627	26833	54832	43887	33397	25759	35716	45247
PC 34:4	36883	18268	27458	33164	36859	63785	32536	46460
PC 36:1(1)	33023	28428	27751	25553	23199	38659	23468	38475
PC 36:1(2)	268458	111605	209313	191998	202483	214010	193610	373319
PC 36:2	4412328	3091259	3486562	2802169	2833382	4369216	3271713	3883249
PC 36:3	5596833	4575375	5066049	4955668	5497896	5647984	4093276	6656116
PC 36:4(1)	2610888	2027756	2427252	2920085	3730101	2087095	1637328	4156504
PC 36:4(2)	552221	501878	574870	533840	524784	567985	541928	532848
PC 36:5(1)	172124	152876	178172	185591	277969	134632	96995	261656
PC 36:5(2)	479876	360271	502242	503787	506720	379112	364986	519251
PC 38:2(1)	15016	18053	20995	17536	22378	12267	8285	26531
PC 38:2(2)	15016	18053	20995	17536	22378	12267	8285	26531
PC 38:3	24550	25539	27387	30746	25519	28693	15477	32842
PC 38:4(1)	15041	12361	12683	11284	10141	16198	10841	16725
PC 38:4(2)	43859	18460	34758	31559	32746	35195	30851	61946
PC38:5	399659	423321	430220	384752	428366	445815	417043	436052
PC38:6	554912	560494	552927	563915	579418	594930	516912	580478
PE 34:1	489134	313963	432840	282216	350332	363256	262414	400662
PE 34:2	561759	480817	538029	535702	627414	538704	423779	658758
PE 34:3	10768	7871	13688	7315	12940	7356	6450	8880
PE 36:2	282878	249237	283512	147184	165676	225180	136215	224436
PE 36:3	542160	515122	550190	452102	487485	490679	352431	610385
PE 36:4	419395	487330	420728	508943	691412	516702	350025	754802
PE 36:5(1)	13463	14103	18203	11664	23568	12836	8905	18730
PE 36:5(2)	99008	89476	94294	95684	110596	95225	79590	108422
TAG 48:0	3057808	1605825	1798057	1449238	634835	1800178	2201496	1049018

Rice Lipid Raw Data	GW722	GW724	GW725	GW726	GW730	GW731	GW732	GW735
TAG 48:1	1651763	786166	1041584	1516866	1249563	1970118	1376549	1484482
TAG 48:2	3526244	1746091	2301825	3919038	2782266	4597905	3558756	3832565
TAG 48:3 (1)	216833	127052	157491	236108	219817	314707	223287	246791
TAG 48:3 (2)	13528	30124	28127	57495	47486	54056	29005	42281
TAG 48:4(1)	57872	40806	45614	90490	102554	88047	55114	100411
TAG 48:4(2)	13072	10473	12648	24506	19866	22172	16553	21578
TAG 50:0	1564540	622319	714558	627126	411069	875510	1000772	626036
TAG 50:1	25700000	18600000	20700000	21100000	13800000	21000000	21000000	18900000
TAG 50:2	38000000	30600000	35100000	36900000	27200000	34300000	35400000	33900000
TAG 50:3	8723841	5731423	7278192	9035789	7827755	10100000	7990447	8814843
TAG 50:4	3406589	1923528	2649547	4783440	4484123	5421037	3344357	5227011
TAG 50:5 (1)	229070	124318	173858	223234	225420	412116	213338	265924
TAG 50:5 (2)	9559	14952	17496	42708	51506	40139	14479	41530
TAG 52:0	831649	493901	518557	528957	314078	610748	642345	516271
TAG 52:1	11200000	5337497	6607234	7220409	5354990	7911836	7599487	8953402
TAG 52:2	37400000	34000000	35600000	36100000	31700000	36400000	34800000	35000000
TAG 52:3	56400000	46400000	49900000	51100000	48200000	53200000	49900000	51900000
TAG 52:4	58200000	47700000	53100000	61500000	53300000	54200000	51700000	61600000
TAG 52:5	10400000	8484159	10200000	10600000	8500426	10000000	9259211	10100000
TAG 52:6	513834	324280	449297	379564	252033	408130	407773	315539
TAG 54:0	297324	181833	198497	215426	125000	216347	240943	223497
TAG 54:1	4958516	2967344	3224086	3993365	2251667	4164266	3658734	4139516
TAG 54:2	18700000	11700000	12400000	14500000	11900000	15900000	13700000	16900000
TAG 54:3	38100000	31400000	30800000	32300000	31500000	35400000	33900000	36300000
TAG 54:4	49400000	42800000	43900000	46700000	46800000	49200000	44700000	49400000
TAG 54:5	53700000	44200000	47300000	58100000	55100000	52300000	46900000	59800000
TAG 54:6	29900000	23800000	28500000	36400000	36500000	29800000	25800000	41000000
TAG 54:7	4635809	4007187	5045494	6032111	5987015	4841800	4229288	6194536
TAG 54:8	296815	250732	340248	303144	297697	257306	248884	278829
TAG 56:0	187493	116125	116898	94103	40160	134238	127765	78467
TAG 56:1	1735723	1181204	1122118	1501200	701085	1571546	1338135	1280557
TAG 56:2	7613028	5824416	5606856	6803567	4251291	8280733	6431259	6530406
TAG 56:3	8758596	8191869	7621492	10000000	7059523	10900000	8119815	9388568
TAG 56:4	4740690	5202118	5406092	8387973	6096967	5647266	4835619	7384774
TAG 58:0	54726	26145	25542	19243	9718	35430	30032	22043
TAG 58:1	1539193	1106936	1098077	1325500	649230	1459828	1244209	1177224
TAG 58:2	4142005	3657519	3481697	4400737	2335291	4377047	3762573	3858260
TAG 58:3	2387937	2307059	2047842	2986437	1767761	2717318	2086366	2557542
TAG 58:4	2104505	1966619	1818196	3515308	1924277	2353997	1823615	2775398
TAG 58:5	285541	251840	254154	375481	200767	300654	224311	239447
TAG 60:1	502153	319765	344726	375866	192970	468121	383603	421362
TAG 60:2	3104593	2373534	2265352	2604562	1532985	3408693	2690498	2739699
TAG 60:3	2776524	2490535	2612163	3345740	2159750	3283435	2541115	3423143
TAG 60:4	2363498	2374548	2416837	3863439	2498860	2995912	2350538	3961280
TAG 60:5	254691	298062	310853	354914	196155	356790	269998	276986
TAG 60:6	14860	11546	14453	14697	11901	14052	13610	11185
DAG 34:1	40980	38498	34094	57336	41804	44677	20509	56670
DAG 34:2	79590	82477	101340	155365	106207	104510	41009	163479
DAG 36:2	62597	54610	61526	83813	48283	90940	41559	100738

Rice Lipid Raw Data	GW722	GW724	GW725	GW726	GW730	GW731	GW732	GW735
DAG 36:3	128933	150979	125345	258834	318083	154544	58336	258041
DAG 36:4	162429	189894	156804	375514	526299	176976	94503	382260
DAG 36:5	21943	29426	27326	35550	54058	26049	15090	31781
Lyso-MGDG 16:0	440656	255136	230985	208213	214237	273732	307228	462368
Lyso-MGDG 18:0	43503	7837	8842	14645	11037	10084	26192	32290
Lyso-MGDG 18:1	14927	13545	7521	3776	6044	13372	11064	10332
Lyso-MGDG 18:2	36510	73051	46586	37530	41901	82409	41766	82698
Lyso-DGDG 16:0	90223	64983	40428	25819	21123	71000	46649	46962
Lyso-DGDG 18:1	25477	17602	12602	5837	8565	20134	22137	14227
Lyso-DGDG 18:2	61297	96596	75103	40270	65232	126888	62049	73951
Lyso-PC 16:0	3894958	4945990	3936755	3218980	5408786	4916865	3751768	8752037
Lyso-PC 16:3	40660	43873	61609	60232	207937	161173	40312	197163
Lyso-PC 18:0	397993	167227	170866	179772	279326	213787	290129	748419
Lyso-PC 18:1	613126	652662	492695	567514	1012479	806445	616020	1946839
Lyso-PC 18:2	1215963	2754404	2350111	2066136	3868229	2943504	1617756	5474846
Lyso-PC 18:3	777388	905991	749682	660999	928397	875592	735496	1112723
Lyso-PE 16:0	381511	461435	303979	226361	477422	405649	277887	801199
Lyso-PE 18:0	12168	6089	8257	7727	26386	24063	6191	34768
Lyso-PE 18:1	45940	49470	37013	30833	59063	52837	36436	89147
Lyso-PE 18:2	160706	371204	290155	194900	440581	341300	163581	523819
Lyso-PE 18:3	80911	95025	66182	51854	94556	83272	62019	130436
SQDG 32:0	42672	57307	28235	53234	47527	31837	62080	52460
SQDG 34:2	18255	23636	10949	19383	18379	8292	23222	18773
PG 32:0	53713	61074	46356	40750	63437	21760	79052	73684
PG 34:1	63425	63845	39335	46878	50902	53540	45998	38900
PG 34:2	75968	69372	48912	50193	70915	67161	50329	44630
PG 36:3	19595	16538	15291	13973	14442	16675	12400	7937
PS 36:0	37164	42140	20570	32564	38986	43211	64703	37777
PS 36:1	17253	18024	11728	17239	24731	28753	24308	15150
PS 38:0	559036	556330	403678	536173	484462	471694	532759	469368
PS 38:1	474008	456574	330977	467342	463878	492031	361213	318825
PS 38:2	5343	11317	6708	11448	7843	14910	6845	6785
PS 40:0	33898	37005	16539	29417	24536	29049	29994	23278
PS 40:1	521444	474833	389119	430149	353144	365237	482001	381468
PS 40:2	666944	614515	520060	589025	572690	571875	626615	482409
PS 40:3	335740	298963	260027	293941	351281	419006	249900	206333
PS 40:4	15177	19758	16173	18022	18253	29515	14112	11142
PI 34:1	378464	379401	208029	249209	174033	279287	309336	200354
PI 34:2	890384	893774	602768	627558	581067	557474	758619	694613
PI 34:3	21275	33108	15183	19877	13349	15154	20812	21292
PI 36:4	108866	105396	95464	76099	63176	76581	78271	60066

Rice Lipid Raw Data	GW736	GW737	GW738	GW739	GW742	GW743	GW744	GW745
DGDG 32:0	10746	39651	21746	8690	11051	13606	6142	7848
DGDG 34:1	15635	26829	11264	19835	11351	11910	11372	13810
DGDG 34:2	133055	240415	90896	141827	87787	100072	59080	67530
DGDG 36:2	19467	33324	13167	23395	15318	10943	10139	13045
DGDG 36:3	41376	45241	18646	52212	36069	28096	40989	40218
DGDG 36:4	170597	115203	68579	172979	112586	93204	106389	91781
DGDG 36:5	56688	22332	24050	31632	35456	41408	61971	41796
DGDG 36:6	37941	13336	19860	14823	18846	28522	37746	28027
MGDG 32:0	6210	22548	11350	10936	15033	7617	4937	4208
MGDG 34:0	5799	53749	17892	20181	20909	16189	17046	7496
MGDG 34:1	16590	21417	10317	19032	7931	7127	7447	21435
MGDG 34:2(1)	57243	98797	62267	72657	32272	31312	20863	18524
MGDG 34:2(2)	42603	112643	34048	55088	27041	29724	20460	23049
MGDG 36:3	20786	32636	10927	20494	16483	9817	23489	21692
MGDG 36:4	75861	59392	39409	64895	74025	50473	55501	43169
MGDG 36:5	24936	10544	14348	12149	31001	26226	33124	12682
MGDG 36:6	26312	8541	10219	9154	20953	18530	32416	18579
PC 32:0	306193	392285	204130	361589	133126	144995	268082	205514
PC 32:1	281166	234435	158269	208435	179468	299599	328663	308613
PC 32:2	253803	135951	93536	175388	124569	153253	187377	186423
PC 34:1	4707212	4492836	3241875	4842785	4027045	4678134	6022824	4839760
PC 34:2	4936667	3395803	2301025	3982127	2919982	2930036	4005034	3463825
PC 34:3(1)	101565	70591	59824	53084	30662	31634	100801	77491
PC 34:3(2)	48415	62698	33656	58224	18593	21949	41765	28281
PC 34:4	42831	35124	24110	31921	28322	47544	53323	46916
PC 36:1(1)	41059	26972	26603	38673	39227	36877	32406	35700
PC 36:1(2)	235273	170123	141946	322411	224006	215939	309675	304644
PC 36:2	2841679	3933710	2746650	3640834	3412119	4088838	4874473	4282544
PC 36:3	5921025	5366629	4043153	6372173	5150287	5759024	6801068	5841187
PC 36:4(1)	4146314	2354336	1701134	3857981	2791989	2290599	3664765	3088369
PC 36:4(2)	610519	545897	494516	569511	510459	582358	582087	493221
PC 36:5(1)	327470	187051	119983	208901	127764	124020	271393	237598
PC 36:5(2)	574400	490944	360100	547149	432095	451344	510338	431550
PC 38:2(1)	13747	19106	8923	25067	12539	10281	15653	18908
PC 38:2(2)	13747	19106	8923	25067	12539	10281	15653	18908
PC 38:3	24236	23809	18633	43701	22731	22056	34766	35431
PC 38:4(1)	17678	11176	10369	16008	15779	16283	13920	14799
PC 38:4(2)	38354	27437	23159	52210	36991	34458	51355	48921
PC38:5	411662	418629	358969	447249	414107	463161	443441	341983
PC38:6	553862	595871	508017	587407	556366	565359	573330	458843
PE 34:1	335618	432133	306800	394209	288982	419439	628288	549953
PE 34:2	696711	551017	432952	628421	593936	649731	818783	625785
PE 34:3	15547	10982	9728	7832	5350	5757	17740	12386
PE 36:2	112477	275350	168990	220607	139275	184110	308137	304330
PE 36:3	416654	531511	403262	561362	437551	497042	673912	544018
PE 36:4	642567	495333	389278	676389	607561	534040	691679	572232
PE 36:5(1)	23919	16708	13214	13686	8989	9345	24763	20117
PE 36:5(2)	108601	95939	79676	97381	100530	106866	114816	90845
TAG 48:0	884080	2673688	1667333	865480	831520	887620	700148	824838

Rice Lipid Raw Data	GW736	GW737	GW738	GW739	GW742	GW743	GW744	GW745
TAG 48:1	1456802	2078626	984535	1039318	746483	1224137	1336347	1882163
TAG 48:2	3915724	5228710	2368219	2409448	1670808	2394360	2460536	3188910
TAG 48:3 (1)	236733	343615	148390	184963	130587	185633	214820	275016
TAG 48:3 (2)	34210	47429	26692	58644	57541	54222	56324	37646
TAG 48:4(1)	117278	88716	60083	101013	59583	76301	99720	101753
TAG 48:4(2)	29195	18689	14677	30897	25062	30277	31616	21518
TAG 50:0	458383	1053054	691006	511033	464271	484780	428729	441776
TAG 50:1	19300000	25800000	18100000	16700000	15800000	17800000	18400000	18100000
TAG 50:2	35200000	41300000	29900000	31000000	28300000	29300000	30000000	28200000
TAG 50:3	8278469	11200000	6189511	6511494	5163511	7439706	7688034	8970429
TAG 50:4	6478600	4911990	3122284	4005799	2453486	3371221	3704887	4365376
TAG 50:5 (1)	292671	322801	174446	168262	107558	172320	211185	287914
TAG 50:5 (2)	43113	20402	13408	64555	47175	50030	56283	28461
TAG 52:0	309906	611464	491651	382845	345958	345044	332028	348462
TAG 52:1	6546728	9231200	5799684	7379406	7223184	7440767	7842009	8195492
TAG 52:2	33400000	38200000	33900000	35300000	32700000	36100000	33500000	30800000
TAG 52:3	50900000	53400000	45800000	51600000	48900000	51200000	49900000	46500000
TAG 52:4	63200000	60800000	49300000	58100000	56100000	55400000	56900000	49200000
TAG 52:5	12200000	11800000	8368227	9105560	7638303	8095309	9790194	9756521
TAG 52:6	478486	465757	310664	241106	219016	270738	385694	378520
TAG 54:0	118145	218266	209018	148769	133014	134087	124534	134802
TAG 54:1	1615335	4428962	3132413	3458931	3433916	3298174	3736543	4310965
TAG 54:2	10400000	17400000	12000000	14200000	15300000	15100000	16000000	15300000
TAG 54:3	30700000	34400000	30800000	33200000	33900000	35400000	33900000	30300000
TAG 54:4	46500000	48200000	44700000	48300000	48300000	49400000	48500000	44500000
TAG 54:5	56700000	58000000	44500000	60700000	57500000	56700000	59400000	50300000
TAG 54:6	47200000	31900000	28500000	42700000	35200000	36100000	40000000	32700000
TAG 54:7	8353059	5074357	4705972	6336388	4996264	4973564	6781422	6386079
TAG 54:8	525912	285837	284589	231422	198095	212267	419598	364490
TAG 56:0	40562	160102	121161	70129	61415	59886	52092	52597
TAG 56:1	373679	1603332	1256928	1197466	1099721	1016077	1230976	1457238
TAG 56:2	2109943	8057809	5999805	5882928	5750805	5733753	6494800	7131708
TAG 56:3	3779972	10100000	7718825	9364816	8585612	8774482	10100000	9990541
TAG 56:4	3591883	5309204	5026989	7770352	6331748	4862527	6716811	6004595
TAG 58:0	7522	37204	29192	19169	14642	13846	12117	13671
TAG 58:1	381065	1570207	1169869	1101696	991530	965617	1120022	1285305
TAG 58:2	1339640	4593217	3781465	3548726	3341840	3027814	3467138	3425599
TAG 58:3	828104	2848827	2163065	2429147	2265720	1984314	2766297	2637934
TAG 58:4	931143	2556602	2065195	2724033	2472989	1909550	2656113	2478240
TAG 58:5	98731	325435	235692	380419	196438	219947	277223	258252
TAG 60:1	127097	460789	360482	374889	310301	314273	332749	398105
TAG 60:2	843536	3381822	2707444	2427323	2302667	2390309	2485031	2583786
TAG 60:3	1168826	3346760	2509697	3291460	2856354	2634042	3322150	3170107
TAG 60:4	1400014	3125283	2585052	3562930	3195991	2576968	3259435	2940946
TAG 60:5	84195	318254	262863	246206	240326	187195	290517	283597
TAG 60:6	4094	23555	11967	17451	9275	10228	27109	26744
DAG 34:1	29116	123903	28073	41907	38498	20697	51664	36052
DAG 34:2	97363	241239	57438	97813	106162	50808	115816	74862
DAG 36:2	45469	139853	52716	72285	77760	52614	88826	79045

Rice Lipid Raw Data	GW736	GW737	GW738	GW739	GW742	GW743	GW744	GW745
DAG 36:3	125418	578530	102144	254245	231615	95314	319920	161068
DAG 36:4	302478	471217	149541	396039	334199	137490	379057	176210
DAG 36:5	26721	55855	21906	35504	27401	13264	39167	24447
Lyso-MGDG 16:0	212028	401101	218170	374266	248198	265278	245389	236411
Lyso-MGDG 18:0	8232	26900	11757	28187	21089	21199	16757	13235
Lyso-MGDG 18:1	14579	19243	5170	24623	10444	12504	10750	18693
Lyso-MGDG 18:2	72106	117524	30792	123254	46650	65735	35976	37832
Lyso-DGDG 16:0	46754	101765	35274	88947	53143	48405	20123	37327
Lyso-DGDG 18:1	20915	23953	8473	36020	19438	22130	12275	27175
Lyso-DGDG 18:2	128147	123990	38600	193174	100451	120692	48058	91839
Lyso-PC 16:0	5848388	6304085	2911668	8245913	4701770	4933637	4796224	5632434
Lyso-PC 16:3	135507	112654	38453	126065	52663	96010	98356	151950
Lyso-PC 18:0	271379	413859	160184	663666	361193	272748	368041	393602
Lyso-PC 18:1	1067699	1213138	360388	2002284	961776	1252130	1195776	2086265
Lyso-PC 18:2	3309962	2864689	1400449	5017976	2268969	2860223	2900414	3155726
Lyso-PC 18:3	986298	996866	603414	1092607	862142	862002	842822	879055
Lyso-PE 16:0	449444	554302	224999	642219	483952	488689	413711	512689
Lyso-PE 18:0	14506	24671	6778	26361	9494	18697	17854	24307
Lyso-PE 18:1	61035	110087	28669	93393	68107	84283	76513	132790
Lyso-PE 18:2	384097	458676	170744	488250	342447	418854	299085	405492
Lyso-PE 18:3	91135	103138	51207	109939	97913	96076	85163	100634
SQDG 32:0	25017	61451	26778	42422	40031	61545	74845	49702
SQDG 34:2	7224	13806	1612	13679	12232	17032	20812	14796
PG 32:0	39971	40240	54268	42246	36836	37841	40149	52510
PG 34:1	53788	62682	60700	36296	68337	47182	66451	88152
PG 34:2	78064	104695	59757	46718	87735	63432	71653	77640
PG 36:3	21701	16958	15593	9222	23682	12858	13264	20994
PS 36:0	48863	48264	41510	26844	38013	33171	51230	56052
PS 36:1	29523	32840	18211	13977	25610	15413	20829	26613
PS 38:0	521366	548823	538462	421189	557675	484578	553311	655670
PS 38:1	486508	569381	449929	343781	511466	410707	420845	521467
PS 38:2	9521	19306	11843	9387	9047	4252	5334	18906
PS 40:0	53252	32653	26360	17993	45877	34743	32808	47484
PS 40:1	445058	341637	440235	375291	452142	413112	495238	521959
PS 40:2	683797	625479	611160	494088	642871	575491	628455	743202
PS 40:3	467185	493466	284627	236365	439151	330846	307901	384514
PS 40:4	26053	35214	20118	13577	21818	12250	12127	29497
PI 34:1	307914	230580	141217	162118	252589	232489	346001	526043
PI 34:2	826672	700044	282306	479470	646525	582870	777290	784163
PI 34:3	22203	23393	9239	15839	13179	14209	19588	26558
PI 36:4	135399	88248	31051	50841	97625	66561	76748	80867

Rice Lipid Raw Data	GW746	GW747	GW748	GW750	GW751	GW752	GW755	GW756
DGDG 32:0	10190	10520	13066	15896	9118	21094	9261	28256
DGDG 34:1	11955	12863	20341	13298	10180	19592	8842	14853
DGDG 34:2	65835	71030	100372	89786	88630	148446	48039	105738
DGDG 36:2	7641	8257	15527	10603	9546	27109	6078	22273
DGDG 36:3	32654	32126	38047	27493	45176	30545	26599	34455
DGDG 36:4	68413	76085	104953	114614	89620	97588	51096	85129
DGDG 36:5	28475	24801	50257	46589	33277	35493	16155	38707
DGDG 36:6	18444	14402	37243	52669	24312	32821	6787	28325
MGDG 32:0	6754	7035	10713	8469	9602	12409	9027	19235
MGDG 34:0	28386	29611	46981	19152	5749	29541	19699	52491
MGDG 34:1	16585	14632	16368	9799	4986	17286	5962	9688
MGDG 34:2(1)	33334	33926	31165	54789	49091	77104	44442	62911
MGDG 34:2(2)	23101	21324	39766	24410	34821	61950	24959	38488
MGDG 36:3	28413	28109	13763	14100	34805	19244	21453	24976
MGDG 36:4	36099	34288	43601	67755	46838	45449	34203	51331
MGDG 36:5	11045	10167	21296	30195	25664	11125	9690	24346
MGDG 36:6	8044	8495	27103	47220	23677	9632	6443	20711
PC 32:0	264724	293799	265393	172245	139395	191143	186115	204232
PC 32:1	210121	293737	354039	163872	178591	173383	124912	199440
PC 32:2	135665	192776	206025	140456	121965	104227	71132	117818
PC 34:1	4461147	4958819	4826758	4529628	4012771	3379163	3502453	4325613
PC 34:2	3670367	3708888	3877268	3803770	2967211	2945711	2285023	3059680
PC 34:3(1)	78178	114168	80511	59451	61983	70188	29268	72049
PC 34:3(2)	40204	45713	40929	26522	21512	29014	28279	31040
PC 34:4	33816	45420	54325	25444	27605	27137	18710	30396
PC 36:1(1)	29008	29832	26325	60221	33753	38016	23836	29356
PC 36:1(2)	222864	183091	271348	167356	174525	188806	150729	206860
PC 36:2	3618250	3802934	3786423	2720699	2402228	3000925	3111533	3277544
PC 36:3	5674527	6201059	5736903	4775344	4265315	4256176	4144226	4485359
PC 36:4(1)	3349063	3424421	3231004	2734719	2217772	2454317	1774099	1994194
PC 36:4(2)	547858	536071	541880	528280	549801	487766	482428	538380
PC 36:5(1)	267117	291780	220857	179159	135192	165577	82814	112746
PC 36:5(2)	484648	502066	521848	507914	433635	433484	360811	448928
PC 38:2(1)	17827	10658	14571	13976	16376	9306	10306	12457
PC 38:2(2)	17827	10658	14571	13976	16376	9306	10306	12457
PC 38:3	33975	33740	32592	22665	18372	16063	17737	19783
PC 38:4(1)	12967	12883	10265	25916	14384	16457	10495	12412
PC 38:4(2)	34814	29749	43629	27124	28978	29826	24167	34520
PC38:5	417946	419715	406450	364616	338519	365714	391927	368367
PC38:6	539389	588846	565462	535319	509305	524490	518374	512153
PE 34:1	426075	463007	333613	175896	205478	272260	294147	381458
PE 34:2	603854	633008	564942	522261	417267	497619	408855	547318
PE 34:3	12097	22827	10474	4266	7216	10763	5774	14276
PE 36:2	215888	236118	135631	69826	83378	141867	205388	217127
PE 36:3	507989	550160	409210	293906	369807	353500	441608	480995
PE 36:4	518953	583944	538724	510228	452272	400364	367894	472546
PE 36:5(1)	20910	29371	14646	8805	13320	14002	6987	13564
PE 36:5(2)	99791	103624	96549	91125	74021	88780	79531	97652
TAG 48:0	880138	856228	1453625	1358773	1382508	2081849	1710978	2161294

Rice Lipid Raw Data	GW746	GW747	GW748	GW750	GW751	GW752	GW755	GW756
TAG 48:1	1611227	1482930	2887315	1012941	1173116	1346663	890024	1466273
TAG 48:2	3103393	3021648	6391302	3036695	2826527	3166249	2254696	3347181
TAG 48:3 (1)	287286	228549	366181	156263	197705	157714	107792	191878
TAG 48:3 (2)	50735	69458	64814	15224	34894	20793	29876	40023
TAG 48:4(1)	109361	93039	111325	49154	76000	51605	34358	58693
TAG 48:4(2)	23104	22516	34056	14220	20939	8085	6379	17301
TAG 50:0	441039	407467	653362	596920	572549	1071370	748675	1068665
TAG 50:1	18900000	16900000	20700000	20700000	20500000	21200000	20600000	22700000
TAG 50:2	31400000	29000000	36900000	39800000	36300000	33100000	33200000	36900000
TAG 50:3	8321094	7221874	11100000	8195098	7649245	7114690	5470641	8006121
TAG 50:4	3737312	3503017	5994021	3239303	3385054	3379517	2094329	3505926
TAG 50:5 (1)	207323	185107	297180	176161	213142	163545	84909	180338
TAG 50:5 (2)	39879	55293	45697	13691	25566	11761	14676	20131
TAG 52:0	311944	296890	405748	365429	397676	645808	408969	639639
TAG 52:1	7148036	5855343	8695857	7604984	7186128	9074524	6668403	10000000
TAG 52:2	32700000	31700000	34400000	33400000	32900000	36300000	35300000	34600000
TAG 52:3	49200000	50000000	52600000	50500000	50000000	48900000	48900000	49800000
TAG 52:4	53300000	48700000	56600000	58900000	56200000	49300000	48500000	55800000
TAG 52:5	9759873	8247704	9074092	10200000	10900000	7769577	6758774	10200000
TAG 52:6	325387	277082	295749	444791	387775	323206	197437	396755
TAG 54:0	119942	112039	154167	135508	165699	241955	146323	238712
TAG 54:1	3391887	2618753	4026621	3210152	3296562	3635739	2856879	4904595
TAG 54:2	14600000	12000000	15400000	13800000	12800000	15500000	12500000	17200000
TAG 54:3	32600000	31100000	33400000	30400000	29100000	33900000	32900000	34000000
TAG 54:4	46700000	44100000	49300000	41700000	45300000	45900000	43400000	46200000
TAG 54:5	53800000	50200000	54800000	51800000	50400000	44000000	43600000	49400000
TAG 54:6	33500000	28700000	32200000	29600000	32700000	25400000	23200000	30300000
TAG 54:7	5724698	4604574	4385969	4397515	5857147	3598289	3004843	4402648
TAG 54:8	307653	252376	188586	193630	314531	166850	118917	250682
TAG 56:0	49890	49536	73576	79496	77246	108288	109234	137670
TAG 56:1	1052969	876949	1295292	1119430	1122032	1140225	986953	1826072
TAG 56:2	5500463	4710055	6348709	5611955	5291416	5900028	5004403	7924206
TAG 56:3	8552049	7902311	9497057	7135231	7519668	6469905	6575494	9147297
TAG 56:4	6388127	5456419	6555343	6453358	7296145	3732669	3742444	5715557
TAG 58:0	11165	10418	17452	16400	16110	24134	23333	33702
TAG 58:1	1003991	856637	1273823	1100896	1038648	934889	918245	1403554
TAG 58:2	2923849	2628523	3607297	3542408	3240210	2801251	2731197	4093245
TAG 58:3	2226893	1921610	2483324	2132525	2246153	1543217	1627023	2552221
TAG 58:4	2191639	1888942	2439889	2541892	2473203	1557946	1422837	2449791
TAG 58:5	282646	237467	264015	297970	285862	197030	186413	300848
TAG 60:1	296708	219667	339194	307210	298649	264337	290493	408938
TAG 60:2	2028818	1785059	2357347	2204640	1965412	2170256	2044095	2932129
TAG 60:3	2760927	2319798	3125225	2374276	2496718	1685933	1891926	2778283
TAG 60:4	2748528	2345756	3035578	3073774	2867536	1520158	1699869	2659320
TAG 60:5	253755	203085	206386	299463	310736	140165	135084	268053
TAG 60:6	23276	24227	22061	14692	11757	8381	6740	22482
DAG 34:1	33570	50575	46927	46303	56307	32924	35365	34212
DAG 34:2	85096	100407	77210	134125	171732	69623	94474	85948
DAG 36:2	68979	65712	55318	59721	73685	69117	69490	63770

Rice Lipid Raw Data	GW746	GW747	GW748	GW750	GW751	GW752	GW755	GW756
DAG 36:3	212914	257198	232320	155974	242001	84091	122509	79392
DAG 36:4	246749	320674	297764	262704	342576	114620	138175	104475
DAG 36:5	30210	35968	28456	27799	40032	13213	19111	15459
Lyso-MGDG 16:0	267560	301623	461138	396187	206193	379753	191278	244969
Lyso-MGDG 18:0	18819	15445	27771	34278	11220	26812	19071	25815
Lyso-MGDG 18:1	10521	15001	7277	4745	5102	8918	4505	6309
Lyso-MGDG 18:2	33955	49631	11457	28273	36389	44373	26741	37615
Lyso-DGDG 16:0	24392	39229	17158	30468	24631	50717	16854	37176
Lyso-DGDG 18:1	11065	16223	3192	9421	9214	9450	6173	8886
Lyso-DGDG 18:2	44764	72918	5877	60212	47404	41444	22867	40623
Lyso-PC 16:0	3999040	5764219	2783406	4542364	3226591	3985818	3949082	3377977
Lyso-PC 16:3	85217	132041	29210	44959	51572	50204	41342	44780
Lyso-PC 18:0	237869	275147	271841	277970	137507	294312	273942	287772
Lyso-PC 18:1	1046345	1114816	509681	693841	503230	594581	663641	500302
Lyso-PC 18:2	2026839	2632593	335899	2859181	2266021	1638082	2065276	1606446
Lyso-PC 18:3	761009	937351	568887	822452	655202	755593	756840	665042
Lyso-PE 16:0	326521	490829	140383	341490	210049	391407	342993	351448
Lyso-PE 18:0	26036	28304	23727	15441	10084	15407	6052	6335
Lyso-PE 18:1	65771	72596	15762	34303	26967	42786	45227	40660
Lyso-PE 18:2	228124	314813	15549	255314	226582	198895	262790	263330
Lyso-PE 18:3	69020	96500	33640	70295	46723	79344	72216	74549
SQDG 32:0	27758	49919	39225	57041	149779	40013	70550	48033
SQDG 34:2	12876	15636	10960	15530	20730	11318	19883	14224
PG 32:0	36453	45176	33509	40523	66734	45743	75557	48364
PG 34:1	100798	71608	72913	60522	40058	40330	61844	55013
PG 34:2	88994	69561	64027	77003	100111	55140	82941	52348
PG 36:3	28830	22292	19014	12867	11376	8891	16100	15620
PS 36:0	59731	42122	52198	59767	30733	33750	40583	22753
PS 36:1	29908	23697	28775	29060	18451	18295	20634	11214
PS 38:0	631514	567556	565877	574324	549445	494248	610755	454746
PS 38:1	532914	511676	526631	518095	531116	431384	454835	377082
PS 38:2	16974	14516	22889	15321	10274	10494	13960	4678
PS 40:0	52439	34311	29055	41576	25786	24902	32466	21988
PS 40:1	543560	444147	482005	437857	376405	320249	484322	420434
PS 40:2	716732	660191	653227	632385	590166	550284	605254	561299
PS 40:3	433016	447388	426203	379583	353071	299011	293261	241143
PS 40:4	31491	29920	34141	23929	20508	16077	19064	8397
PI 34:1	557405	368319	348328	252594	124506	133257	267279	243421
PI 34:2	813026	564194	472852	528000	518918	405576	681179	508503
PI 34:3	27922	16263	22054	16749	18055	15335	25362	10705
PI 36:4	111668	75594	53563	49335	40576	37791	61899	58861

Rice Lipid Raw Data	GW757	GW758	GW760	GW761	GW762	GW764	GW765	GW766
DGDG 32:0	19132	12810	21966	34591	7703	12687	13374	10357
DGDG 34:1	13779	14887	19650	17127	9856	19086	25336	18385
DGDG 34:2	100838	84133	99738	131009	61102	125990	190789	128614
DGDG 36:2	14804	14223	22122	19877	11398	13872	15335	15673
DGDG 36:3	25601	33842	27804	27361	38157	46740	61949	44163
DGDG 36:4	82337	79270	79321	98446	104405	135070	167109	136988
DGDG 36:5	34217	36826	46137	38252	48224	41870	41093	44250
DGDG 36:6	25619	28939	45562	21585	25201	24090	31981	35647
MGDG 32:0	11108	7871	14390	20214	4631	9510	6863	3584
MGDG 34:0	29811	15345	46006	48655	20992	10126	9233	6398
MGDG 34:1	11547	11361	16271	14148	10347	19459	20077	22168
MGDG 34:2(1)	69249	37225	71131	79826	33704	50325	49979	47394
MGDG 34:2(2)	39508	24212	36474	53710	18009	42779	40539	31097
MGDG 36:3	15193	21059	12620	19283	26987	18602	15180	20181
MGDG 36:4	48272	64847	52317	52609	49448	53384	37282	56555
MGDG 36:5	20268	32360	31907	17466	25274	17439	9782	19234
MGDG 36:6	16027	24256	50902	9533	21666	9336	5354	20312
PC 32:0	170829	149337	144048	240271	251067	109853	119622	173214
PC 32:1	130044	181019	246621	178664	261336	196593	227007	246275
PC 32:2	73532	61378	131989	126600	167918	117756	129920	169174
PC 34:1	3674390	5095967	3473022	4371776	5127284	3251928	3846324	4386760
PC 34:2	2292419	2233536	2368851	3451165	3866553	2368768	2820079	3909325
PC 34:3(1)	57977	80108	84341	83009	77324	41432	36800	72952
PC 34:3(2)	26215	23136	23038	39351	39623	15997	17153	25233
PC 34:4	20934	28426	38503	28054	41024	31333	35654	38776
PC 36:1(1)	20226	34195	30529	26539	36937	30999	36923	33177
PC 36:1(2)	124461	228882	165701	180295	248817	168665	184081	209688
PC 36:2	2686242	3860608	2864634	3525706	4236893	3065766	3808490	4148817
PC 36:3	3609177	3695696	4136519	4937275	6452421	4603038	5339887	6293581
PC 36:4(1)	1571470	1077596	1916963	2614487	3476434	2121828	2452116	3645200
PC 36:4(2)	508146	544947	480437	560388	558161	467692	499686	517704
PC 36:5(1)	98931	101359	166763	200014	203871	117819	137317	295590
PC 36:5(2)	353457	349213	369240	472759	500334	359134	427002	516459
PC 38:2(1)	9139	6636	11219	11970	14496	10997	10632	20587
PC 38:2(2)	9139	6636	11219	11970	14496	10997	10632	20587
PC 38:3	16256	8707	20201	20610	31009	25730	26513	39402
PC 38:4(1)	8645	14560	13280	10293	15577	13835	15968	14760
PC 38:4(2)	19566	37937	26737	29774	40349	27125	30725	35771
PC38:5	347478	446875	351871	372694	457084	415724	441732	439114
PC38:6	492117	485882	489905	541486	560102	512689	546486	548913
PE 34:1	302894	396720	327048	264458	513166	258606	297378	399780
PE 34:2	438114	456111	555154	456728	693597	447419	531004	627530
PE 34:3	9882	12286	22013	10854	12141	7010	6479	10887
PE 36:2	166314	171546	193492	163421	255537	121072	146143	192101
PE 36:3	409482	341811	470233	453595	576648	352789	424565	487024
PE 36:4	424270	312336	486873	474664	599715	388970	525205	523206
PE 36:5(1)	13470	9793	20455	18431	18557	10122	10414	16835
PE 36:5(2)	80508	81645	101369	87662	105834	81729	92900	99235
TAG 48:0	1634461	930339	1533430	2503374	684118	786712	783775	806838

Rice Lipid Raw Data	GW757	GW758	GW760	GW761	GW762	GW764	GW765	GW766
TAG 48:1	822551	1125014	1567245	1403188	1148675	1187451	1094310	1193868
TAG 48:2	1863176	2052271	3442307	3320368	2366029	2705251	2480086	2580380
TAG 48:3 (1)	128738	192767	235179	184398	207085	167566	159464	178686
TAG 48:3 (2)	33476	50490	19673	33966	55594	23684	27492	17518
TAG 48:4(1)	51059	69323	86931	53610	92304	70859	67267	69313
TAG 48:4(2)	16354	13827	9388	15071	29252	11286	12063	11978
TAG 50:0	687736	633916	896982	1055708	439954	402842	407650	383338
TAG 50:1	19200000	15400000	18800000	22500000	17300000	15100000	16000000	17300000
TAG 50:2	32800000	22500000	29900000	36900000	31600000	26600000	28100000	29400000
TAG 50:3	5782443	6282066	7570413	7564400	7418651	6617511	6259556	7630163
TAG 50:4	2102619	3059701	4275078	2818129	3475921	3430324	3496840	3853482
TAG 50:5 (1)	123441	138620	258206	134895	170520	139142	142637	184599
TAG 50:5 (2)	22984	35518	15029	14499	52436	20644	19121	15244
TAG 52:0	433184	518101	594302	545209	317409	336245	336037	308575
TAG 52:1	6401514	8087724	9187338	8438838	7272154	5736146	5728621	5443021
TAG 52:2	33200000	33700000	34700000	33700000	33200000	32300000	31400000	31700000
TAG 52:3	48000000	47000000	47800000	48800000	49700000	48400000	46500000	48900000
TAG 52:4	50000000	45800000	50300000	51900000	57400000	48300000	50800000	53500000
TAG 52:5	8954748	6374564	8261567	8336648	9977947	6567903	7058700	8975534
TAG 52:6	329886	199076	301615	259813	341464	173016	180072	305256
TAG 54:0	159671	227359	221886	191591	124823	160317	161215	143135
TAG 54:1	2980985	4607670	4313595	3676141	3417206	2804986	2524457	2604586
TAG 54:2	12000000	17700000	17600000	14800000	15500000	12900000	12400000	11800000
TAG 54:3	32400000	35500000	34200000	34200000	35200000	33200000	32900000	32000000
TAG 54:4	43600000	48300000	46600000	44000000	48900000	44400000	45600000	47400000
TAG 54:5	46100000	51600000	45900000	47200000	56600000	52000000	53700000	55700000
TAG 54:6	26700000	32100000	27000000	24300000	39200000	32500000	32700000	35400000
TAG 54:7	4564678	4166141	4542852	3346815	6618362	4133466	4449819	5710182
TAG 54:8	250399	199370	266841	158576	359599	165264	186839	299224
TAG 56:0	98977	72941	111457	128798	50260	48681	46008	52164
TAG 56:1	1031619	1489095	1624347	1227734	1117056	841598	778739	878859
TAG 56:2	5307503	8042079	7473622	6242174	6245060	4985573	4512579	4927758
TAG 56:3	7279026	9636886	8766470	7714731	9438839	7572012	7818527	8279473
TAG 56:4	4620700	4806946	5363193	4578637	6986605	5212676	5035305	5724455
TAG 58:0	24547	24603	28776	28330	11459	10629	10187	9258
TAG 58:1	969627	1212918	1185811	1039399	969410	764143	699187	873887
TAG 58:2	3111813	3676179	3808693	3226837	3227515	2495957	2440357	2859291
TAG 58:3	1827902	2398623	2431915	2046871	2594556	1719438	1831087	2165615
TAG 58:4	1718820	2000628	2321246	1916862	2694833	1774462	1733604	2124504
TAG 58:5	220547	205310	271435	227498	304581	237235	234175	296157
TAG 60:1	302763	420864	346907	273240	271237	220064	207501	215395
TAG 60:2	2236593	3106706	2872913	2069638	2194758	1837205	1732295	1859377
TAG 60:3	2221879	2929894	2408734	2139099	2987301	2171042	2146177	2652943
TAG 60:4	2161495	2581038	2407902	1990400	3384191	2240152	2207984	2740612
TAG 60:5	236876	212194	226987	188101	256419	130178	125229	205562
TAG 60:6	13307	10288	24841	16693	25781	10275	10412	17465
DAG 34:1	27524	21694	55543	74185	25675	28035	60828	19095
DAG 34:2	61753	30306	118829	127525	77750	70610	116941	38730
DAG 36:2	52867	61456	93162	70328	59180	59042	80219	31908

Rice Lipid Raw Data	GW757	GW758	GW760	GW761	GW762	GW764	GW765	GW766
DAG 36:3	75011	65686	188935	324534	166006	143276	574482	117296
DAG 36:4	100042	72837	203167	329613	237136	216131	662606	197048
DAG 36:5	19083	10527	28920	37787	25644	16297	45067	21763
Lyso-MGDG 16:0	183362	219484	373783	302301	254788	271596	309189	289183
Lyso-MGDG 18:0	17618	21094	38438	26944	16823	12791	12448	11638
Lyso-MGDG 18:1	3680	9877	5011	8356	12037	24609	27313	25866
Lyso-MGDG 18:2	23015	35759	28012	41370	51768	131861	137753	71914
Lyso-DGDG 16:0	23574	32271	30923	44511	21765	110113	110890	68218
Lyso-DGDG 18:1	6282	18255	8575	9230	12508	50765	48459	35340
Lyso-DGDG 18:2	31420	62341	32829	45986	62580	231314	281655	126091
Lyso-PC 16:0	2258637	2941361	3062030	3215057	4890079	5942008	5512378	6326478
Lyso-PC 16:3	20347	46693	52412	40103	88799	121309	128609	114846
Lyso-PC 18:0	141905	219922	252501	255593	340796	313071	222376	259530
Lyso-PC 18:1	295667	829502	561386	437909	1044782	1478846	1752992	1711253
Lyso-PC 18:2	1285969	1557596	1456816	1247016	2930653	3081720	3064379	3145062
Lyso-PC 18:3	471432	597469	617882	641312	852523	950766	911245	986156
Lyso-PE 16:0	151508	220836	361174	302210	371062	456036	444988	501457
Lyso-PE 18:0	2812	12303	19710	10454	17534	25286	31004	25087
Lyso-PE 18:1	21222	48549	52162	35489	58857	70354	99765	89245
Lyso-PE 18:2	124822	172939	214393	174671	298215	302873	379059	319309
Lyso-PE 18:3	36070	51134	77439	68180	76864	88381	90417	98415
SQDG 32:0	62205	35470	36135	57107	32735	32993	37525	25743
SQDG 34:2	18353	15183	13641	20620	19086	10341	15661	11820
PG 32:0	84021	53121	29238	64029	58937	44013	33974	38919
PG 34:1	56368	42969	91907	59984	63145	56374	50271	49288
PG 34:2	65684	47304	71499	85723	74667	72374	71425	69851
PG 36:3	12375	9777	15693	15334	17763	20028	16274	16386
PS 36:0	37983	22572	43733	43896	35547	52844	40135	43449
PS 36:1	17537	9901	11914	22937	18086	27480	19060	21962
PS 38:0	567269	475256	659124	461386	537499	568366	426635	504543
PS 38:1	432083	367109	401959	358270	488171	502342	362621	398743
PS 38:2	12218	9812	15943	16534	15146	14745	6739	5899
PS 40:0	32485	21323	40113	26848	28891	37423	25499	27556
PS 40:1	415423	353774	536128	380528	438736	446834	398505	438913
PS 40:2	563996	492766	579141	509453	621962	633532	560659	595540
PS 40:3	262513	221792	172889	251770	334448	399571	283079	316463
PS 40:4	14073	11731	11186	21301	24186	27672	14375	15871
PI 34:1	248629	236424	316695	304185	181066	228684	233875	224280
PI 34:2	583005	570722	599859	821606	402172	534575	588864	575515
PI 34:3	21898	20654	29049	42329	14085	18269	18156	15797
PI 36:4	49795	46093	26136	75354	48605	68354	69888	72110

Rice Lipid Raw Data	GW767	GW768	GW769	GW770	GW771	GW772	GW773	GW774
DGDG 32:0	29939	11955	21497	20393	9521	8803	8873	12538
DGDG 34:1	31091	8113	19454	15392	12890	18743	7666	13363
DGDG 34:2	258514	79239	141572	127734	79490	93264	61403	118239
DGDG 36:2	30944	7784	26151	13998	11616	15138	10507	20117
DGDG 36:3	56919	27524	38043	29562	34050	36896	23856	32967
DGDG 36:4	164771	100088	86898	101581	98991	92289	71488	132312
DGDG 36:5	48786	34542	17551	31612	45348	43041	20476	32539
DGDG 36:6	50232	24894	22286	33832	34896	50685	16466	28014
MGDG 32:0	9296	9249	12043	6325	5048	4644	6699	7604
MGDG 34:0	17243	15575	15839	10531	9128	7973	15730	19003
MGDG 34:1	14523	4781	17015	9565	12564	21622	8158	15083
MGDG 34:2(1)	63166	43685	81763	56079	24612	28794	51742	81315
MGDG 34:2(2)	66377	27563	40594	30249	26151	36074	26017	38787
MGDG 36:3	24765	20725	21832	17888	25505	27294	24358	27724
MGDG 36:4	68296	57403	38995	51708	48789	50800	48165	58804
MGDG 36:5	37567	23894	17335	23602	23695	26670	12455	19918
MGDG 36:6	50541	22232	24750	26360	28785	50883	14244	24079
PC 32:0	106341	148804	84394	86815	123420	100824	168371	123952
PC 32:1	231798	202125	220521	177885	221389	221834	181680	150407
PC 32:2	125140	142917	118311	111242	139545	150760	115088	84210
PC 34:1	3567568	3589210	3597328	3459246	4307875	3934218	4039248	3825154
PC 34:2	2087418	2723617	2149532	2352669	3711455	3423562	2863745	2604733
PC 34:3(1)	38580	40885	23881	43287	134479	136348	74924	77108
PC 34:3(2)	15626	23136	11320	12915	17933	14221	25592	18871
PC 34:4	36764	31824	34414	28188	35426	35863	28214	23785
PC 36:1(1)	32792	20985	27338	26582	32720	22575	26619	23963
PC 36:1(2)	110677	110441	173428	89102	200224	168026	215073	158349
PC 36:2	3569336	2272795	3336548	2698818	3484707	2717646	4130941	3240463
PC 36:3	4543107	3836129	4352009	3790976	5285861	4579493	5113929	4445583
PC 36:4(1)	1697950	2061662	1606053	1635411	3024120	2568245	2112549	1947454
PC 36:4(2)	486664	495273	484507	478084	521455	509222	513212	505211
PC 36:5(1)	88684	114194	68712	82351	285059	233467	162568	148162
PC 36:5(2)	319566	408252	335735	354104	493112	471729	416020	398711
PC 38:2(1)	6088	13592	11202	6015	11628	10715	16371	12254
PC 38:2(2)	6088	13592	11202	6015	11628	10715	16371	12254
PC 38:3	15326	21252	14754	15159	26421	18495	24104	15249
PC 38:4(1)	14226	8676	11354	11136	14207	9689	11603	10608
PC 38:4(2)	16597	17164	27976	14217	30817	26287	35940	24847
PC38:5	414325	348788	418950	347308	414358	362775	447609	430644
PC38:6	515101	489366	494352	492391	530580	499561	501706	526467
PE 34:1	220377	241311	193164	191812	482604	333679	348559	323874
PE 34:2	427684	454299	369379	461564	820495	645765	464832	512820
PE 34:3	4768	4494	3592	5307	32614	30885	13467	14816
PE 36:2	114827	103759	104009	77691	217179	108335	255594	184680
PE 36:3	298187	366207	285169	260393	555123	390907	499079	474016
PE 36:4	368484	433257	345343	361027	725396	501779	438317	467006
PE 36:5(1)	5873	6928	5884	6761	38578	27609	16664	17559
PE 36:5(2)	77701	79704	66917	78015	119633	103036	87295	88189
TAG 48:0	1513775	1331724	1192144	1654837	664374	616603	1299452	1380406

Rice Lipid Raw Data	GW767	GW768	GW769	GW770	GW771	GW772	GW773	GW774
TAG 48:1	1078750	1368051	887107	987628	1152019	1066676	972366	860267
TAG 48:2	2512649	3689130	2275564	2945996	2189565	2154726	1941194	1844223
TAG 48:3 (1)	152401	206197	140983	154594	183320	178189	130259	128991
TAG 48:3 (2)	21536	47157	17137	12956	43916	30670	31713	30591
TAG 48:4(1)	56363	83315	59373	49539	70270	89495	48727	44087
TAG 48:4(2)	10795	20783	11733	11241	18075	21636	12498	11139
TAG 50:0	740994	524635	717722	680615	382472	349801	641969	714711
TAG 50:1	17900000	19900000	17000000	19000000	15200000	14600000	17500000	17900000
TAG 50:2	28300000	35200000	28900000	31200000	25300000	24600000	27000000	28400000
TAG 50:3	6537508	8528443	6244647	6456893	6742465	6043990	5623759	5408714
TAG 50:4	3525963	4266078	3040940	3364517	3024194	3449502	2546853	2156098
TAG 50:5 (1)	152165	196332	128066	163839	165052	201219	116125	129847
TAG 50:5 (2)	13319	32479	14380	9436	39188	30155	19534	16206
TAG 52:0	483236	431317	516591	429396	295546	245876	396863	471797
TAG 52:1	6964752	6670003	7455539	6506372	5365177	4376362	6545118	6964508
TAG 52:2	32600000	32800000	33300000	32000000	30500000	27200000	31900000	31800000
TAG 52:3	46300000	50400000	48200000	45800000	44900000	42700000	47000000	45700000
TAG 52:4	48600000	55100000	50300000	48200000	46900000	49200000	46100000	46800000
TAG 52:5	6835933	9138297	7331144	7992710	7942304	9329630	7108370	8588974
TAG 52:6	199074	318512	249294	297537	308109	434621	247492	304396
TAG 54:0	176235	159892	206079	150221	135404	88683	160974	171181
TAG 54:1	3170413	3737094	3732929	2750596	2324235	1106857	2946374	3506829
TAG 54:2	13700000	13500000	15900000	11300000	10900000	7889485	12600000	13700000
TAG 54:3	34700000	30600000	33700000	30100000	30500000	26400000	32200000	32500000
TAG 54:4	46000000	43900000	45000000	42300000	42800000	40800000	43600000	45800000
TAG 54:5	46700000	54900000	47800000	42200000	50200000	47900000	44600000	45500000
TAG 54:6	27900000	31800000	27700000	25400000	31000000	33900000	25200000	26400000
TAG 54:7	3674433	4943356	3649712	3647006	5401509	6955485	3904187	4606135
TAG 54:8	182270	219516	188215	186287	373798	546085	191544	284078
TAG 56:0	100541	84872	95202	110713	36816	27304	92038	98376
TAG 56:1	1066221	1343285	1409820	1029943	750867	239272	1030109	1343624
TAG 56:2	6247831	6630682	7115626	4999256	4103319	1575835	5681250	6641175
TAG 56:3	8341436	8967531	8161972	6088471	6748004	3049558	7107822	8449718
TAG 56:4	3802384	7738393	5208834	4024043	5054472	2709520	3980058	4752060
TAG 58:0	27364	17451	22362	21212	7082	4221	21241	23983
TAG 58:1	961752	1196921	1146782	1010117	676498	225790	991766	1135123
TAG 58:2	3134984	3971314	3919045	3212375	2105934	754339	3088526	3627831
TAG 58:3	1781449	2669795	2201836	1704164	1741061	556039	1823145	2226040
TAG 58:4	1482877	3065553	2208375	1637406	1662513	535945	1556552	1919666
TAG 58:5	152162	312432	221070	202090	222142	88572	178419	240970
TAG 60:1	335593	328349	370619	297135	167920	42771	318838	340512
TAG 60:2	2684381	2384233	2988038	2254185	1446978	427332	2379024	2701248
TAG 60:3	2215615	2799625	2709059	2135170	2068743	694110	2316762	2534246
TAG 60:4	2077431	3484299	2746617	2142919	1961863	745074	2055401	2325551
TAG 60:5	145177	276205	213068	233329	160881	50498	190282	244649
TAG 60:6	6055	9422	11787	11847	19012	3647	11568	16817
DAG 34:1	23980	50846	17771	22440	35190	18898	45528	37276
DAG 34:2	45682	148169	34049	64205	89554	40858	79729	87353
DAG 36:2	58428	79348	49974	43677	65856	29493	54915	66713

Rice Lipid Raw Data	GW767	GW768	GW769	GW770	GW771	GW772	GW773	GW774
DAG 36:3	84071	214497	84722	73444	244148	79804	212321	205588
DAG 36:4	99408	322339	107329	114720	320986	158782	266479	235815
DAG 36:5	14376	32680	13388	17647	42497	22424	32280	33769
Lyso-MGDG 16:0	221821	204764	315115	290868	229891	187727	256621	264263
Lyso-MGDG 18:0	11824	18349	18065	12735	10370	8787	14594	16813
Lyso-MGDG 18:1	11754	3255	14179	7310	19004	32612	10412	13320
Lyso-MGDG 18:2	69302	34240	97212	46975	57487	70384	51319	56869
Lyso-DGDG 16:0	87068	31314	82361	55684	46281	41072	33993	49712
Lyso-DGDG 18:1	32966	5658	24668	15695	28128	26822	10919	15400
Lyso-DGDG 18:2	187855	44195	164646	90670	110865	89353	53721	65999
Lyso-PC 16:0	3644076	3604564	4275014	3600650	4977007	4176667	4175786	3838467
Lyso-PC 16:3	82087	65525	81501	74065	126440	70144	57107	33270
Lyso-PC 18:0	152156	178409	215256	117353	294087	205376	254835	241813
Lyso-PC 18:1	519107	508003	717673	432024	1382791	1057655	652172	559141
Lyso-PC 18:2	2372071	2260899	2964566	2217534	2978291	1862852	2571356	2049176
Lyso-PC 18:3	709521	699861	780516	711088	856803	778835	774497	723822
Lyso-PE 16:0	303151	257914	279368	269206	515553	266844	315186	370574
Lyso-PE 18:0	16848	9755	21069	15000	20731	15637	8958	4945
Lyso-PE 18:1	35308	28464	38287	26405	104358	56786	39771	41001
Lyso-PE 18:2	251066	223002	299702	235757	435965	168796	226918	277968
Lyso-PE 18:3	66410	58271	59999	57687	100563	58173	64938	77236
SQDG 32:0	63477	63249	44396	49467	37413	40407	39711	45544
SQDG 34:2	16422	35211	17405	16756	19352	15209	17461	10264
PG 32:0	45900	59098	52382	35573	44265	41194	22864	46497
PG 34:1	59186	39841	38883	29098	32798	71400	57786	55759
PG 34:2	82998	59217	55133	47323	64991	92584	69988	60736
PG 36:3	19185	10010	9256	8603	6905	21518	12980	18425
PS 36:0	45760	46061	37887	44398	33242	43063	43142	33760
PS 36:1	24582	19841	19955	17587	17045	22094	25429	18181
PS 38:0	542418	456354	464588	462793	425853	522644	515487	522734
PS 38:1	513989	317192	388135	318688	362851	512779	474695	425829
PS 38:2	13156	6527	7096	3698	7022	24281	27836	12471
PS 40:0	30672	20460	21194	24357	16083	30940	26928	31991
PS 40:1	473890	465992	307302	437564	359845	433565	367604	496099
PS 40:2	674878	565117	514053	559706	483428	610721	573051	611899
PS 40:3	454464	229593	273600	217801	234341	389770	331397	277058
PS 40:4	30849	9660	12697	8188	9162	32915	29968	19498
PI 34:1	403496	230017	171897	137744	160636	424971	269363	223145
PI 34:2	900713	750780	562443	522947	622038	863883	466125	433783
PI 34:3	27302	19821	12315	12221	15656	45109	27758	15559
PI 36:4	126832	60426	51956	45978	47650	95125	35556	49022

Rice Lipid Raw Data	GW775	GW776	GW777	GW778	GW780	GW781	GW782	GW783
DGDG 32:0	9503	8538	9825	36692	10754	22044	6065	12654
DGDG 34:1	6824	8285	11854	27902	11747	18967	8766	9016
DGDG 34:2	63966	62203	92006	207552	71802	133782	44081	68108
DGDG 36:2	14322	12973	26498	44694	19393	19430	7418	16929
DGDG 36:3	17533	20713	30903	27234	21839	40638	25856	23485
DGDG 36:4	59854	59827	74282	101406	66989	60044	63168	60388
DGDG 36:5	9739	17546	22602	39002	29179	28512	26832	20596
DGDG 36:6	4344	11984	17055	37244	21509	34932	14458	10985
MGDG 32:0	5390	6551	5410	10587	7343	12140	2887	7409
MGDG 34:0	20601	14983	23712	39008	18575	32703	9043	28636
MGDG 34:1	4297	4753	11818	15320	5989	8806	2746	3252
MGDG 34:2(1)	50939	42927	66050	80536	42257	63582	10254	46389
MGDG 34:2(2)	23521	26941	37098	58213	26173	41960	12190	23344
MGDG 36:3	26744	15564	20481	10523	15160	20139	18644	17550
MGDG 36:4	40054	37611	40554	55562	41253	32056	30247	37891
MGDG 36:5	4855	11724	9639	24119	17699	16987	15589	10487
MGDG 36:6	6625	10117	13508	33692	18238	32631	13179	9407
PC 32:0	198549	152346	112046	124756	125853	173500	158344	189235
PC 32:1	157771	160370	130569	166922	164330	231570	297037	158574
PC 32:2	98270	89154	61008	95852	88984	122744	148406	114215
PC 34:1	3899588	3919861	3505770	4153656	3378864	4735076	4468574	3780356
PC 34:2	2568193	2295370	2004653	2834783	2361185	3285237	3015366	3190392
PC 34:3(1)	46666	47418	63122	83223	78387	85057	69711	62243
PC 34:3(2)	28853	21824	15104	16572	18512	25770	22438	29524
PC 34:4	23487	24812	19693	25462	25908	37431	46959	23760
PC 36:1(1)	15674	13859	29266	22912	31351	23799	21816	22175
PC 36:1(2)	189579	158416	168395	180684	162775	150585	194831	154393
PC 36:2	3792775	3483818	3583763	3236190	2779976	3072315	4132390	3027876
PC 36:3	4898646	4423031	4117177	4285238	3851768	4628745	4984363	4861989
PC 36:4(1)	2079842	1736790	1583914	1870844	1802184	2070128	2397417	2414005
PC 36:4(2)	551657	576548	568431	609834	551353	610377	598453	585267
PC 36:5(1)	115418	102824	134464	124812	166133	197955	172390	153713
PC 36:5(2)	425842	397227	342751	479140	402005	550925	502183	524793
PC 38:2(1)	19157	11221	13523	9476	9897	5804	10639	17915
PC 38:2(2)	19157	11221	13523	9476	9897	5804	10639	17915
PC 38:3	22618	18678	17727	17578	17404	15523	25604	24043
PC 38:4(1)	6773	5401	11417	9104	13136	9786	9083	9660
PC 38:4(2)	32500	25499	25811	30335	24255	23788	31138	23918
PC38:5	468690	504969	535731	452239	463571	466081	500930	488518
PC38:6	544654	575200	596977	590857	549629	599543	627057	628004
PE 34:1	312101	376015	329111	271622	275040	383814	440632	350432
PE 34:2	393278	445778	432392	548876	445533	685251	530318	537362
PE 34:3	7220	9495	12001	17037	15704	15321	11704	11867
PE 36:2	257219	263273	224502	132712	151016	188875	289574	220055
PE 36:3	468236	499432	451664	391100	368383	503169	522303	502376
PE 36:4	340870	360351	347505	414859	374447	501468	434681	460787
PE 36:5(1)	11891	12472	14262	15292	17837	18430	16448	15881
PE 36:5(2)	70316	81322	76256	94766	77936	112785	97038	91533
TAG 48:0	1377111	1347360	1220880	1873048	1333222	2831341	1220855	1730266

Rice Lipid Raw Data	GW775	GW776	GW777	GW778	GW780	GW781	GW782	GW783
TAG 48:1	1002807	863366	792060	1045764	1021948	1845089	2102599	1083348
TAG 48:2	2081358	1660255	1407448	2456180	2277334	5069331	4839728	2716589
TAG 48:3 (1)	141524	112743	105289	153954	135792	313347	380850	186039
TAG 48:3 (2)	25952	36170	23549	18980	31804	31202	66159	45929
TAG 48:4(1)	52761	41376	36451	50514	45767	110849	113394	63174
TAG 48:4(2)	14011	13492	8695	14766	9891	24639	21247	22403
TAG 50:0	626730	564025	645513	882075	711633	1128203	587915	700908
TAG 50:1	17500000	16700000	17800000	20100000	18200000	23900000	20400000	20300000
TAG 50:2	28600000	26500000	27600000	33600000	28700000	42600000	34700000	33400000
TAG 50:3	6023512	5059275	5105319	6929106	6104875	10800000	10700000	7085271
TAG 50:4	2617240	2148689	1689135	2800018	2580055	5508602	5128605	3299383
TAG 50:5 (1)	122326	112577	104292	154533	134425	354617	312442	205495
TAG 50:5 (2)	15950	24538	15135	12053	17741	19798	45909	28308
TAG 52:0	440804	360798	421733	509593	444281	578473	335024	405518
TAG 52:1	6448969	5946138	7566027	8429163	7387632	9638062	8642435	7293926
TAG 52:2	32100000	32400000	32700000	33800000	32200000	34600000	33700000	32900000
TAG 52:3	46700000	44800000	45500000	46700000	44800000	49200000	49300000	48700000
TAG 52:4	46500000	44300000	44400000	50400000	43500000	58100000	54400000	55700000
TAG 52:5	8039283	7483144	8112407	9597881	7785643	13000000	10900000	11000000
TAG 52:6	265010	238686	295096	435707	303540	544862	395107	379452
TAG 54:0	172075	142547	172572	189094	168286	205130	124895	163789
TAG 54:1	3148004	2760261	3719948	3607983	3128297	4475027	3635154	3511987
TAG 54:2	13300000	11400000	14800000	15400000	13300000	15700000	15600000	13400000
TAG 54:3	31800000	30800000	33500000	35100000	31200000	33200000	33500000	31800000
TAG 54:4	45400000	43400000	46300000	43600000	43700000	47100000	47800000	44200000
TAG 54:5	46300000	43200000	44200000	45800000	42400000	51500000	55100000	49200000
TAG 54:6	26300000	25100000	25000000	26600000	22500000	34500000	33300000	29000000
TAG 54:7	4260971	4154965	4080670	4551004	3678466	6233374	5921650	5661634
TAG 54:8	223669	213942	256276	282292	233495	410331	368101	345943
TAG 56:0	95333	89334	97845	131124	91138	169953	82043	119695
TAG 56:1	1159506	950594	1384921	1280504	984784	1591507	1134382	1331734
TAG 56:2	6705537	5412972	7035848	6281288	5563205	7551651	6375281	6586922
TAG 56:3	7895139	6590186	8221242	7486602	6756810	8848018	9770110	8346714
TAG 56:4	4364540	3974680	4788697	4760301	4095805	5886858	5222297	5790701
TAG 58:0	21504	20589	24495	32901	23487	42330	20703	30205
TAG 58:1	1032664	948094	1205674	1167465	891593	1500493	1113264	1173430
TAG 58:2	3553564	2876730	3610091	3533982	2771981	4383297	3300911	3868016
TAG 58:3	2090080	1737352	2262244	1876370	1674750	2598121	2410000	2527468
TAG 58:4	1848483	1499492	2042048	1953835	1515617	2650505	2299121	2371614
TAG 58:5	221540	196545	251858	245030	261007	348306	279668	300287
TAG 60:1	326135	295150	362195	393272	280582	447199	330530	332937
TAG 60:2	2675291	2178736	2832077	2685969	2044428	3007665	2535254	2580520
TAG 60:3	2470291	2179541	2590945	2406750	1968786	2949611	2939701	2739217
TAG 60:4	2346673	2014172	2245316	2495300	1778977	3176084	2774219	2713961
TAG 60:5	225792	208737	235472	255829	177160	347692	253393	300392
TAG 60:6	10995	11049	13950	11412	26713	35231	26741	14617
DAG 34:1	43191	27272	33722	23630	33095	27878	41117	48045
DAG 34:2	89695	57219	64191	60871	82106	80903	107672	130555
DAG 36:2	66551	55704	65442	61788	64345	53368	89540	77574

Rice Lipid Raw Data	GW775	GW776	GW777	GW778	GW780	GW781	GW782	GW783
DAG 36:3	198953	99031	123543	72287	94752	87502	200024	202709
DAG 36:4	218865	125955	119349	104785	115932	136369	191235	242692
DAG 36:5	29528	18368	19375	15357	17833	19818	24180	36333
Lyso-MGDG 16:0	294476	182876	260445	295419	213559	248226	158505	241164
Lyso-MGDG 18:0	22788	12441	26065	19637	15077	18936	6400	19698
Lyso-MGDG 18:1	7326	6857	10343	11647	6465	8292	7889	3552
Lyso-MGDG 18:2	42412	36828	46232	52599	28708	44143	25312	25611
Lyso-DGDG 16:0	45671	34746	59574	91855	38427	54736	20799	29900
Lyso-DGDG 18:1	10919	10381	18737	20693	8736	14684	12174	9724
Lyso-DGDG 18:2	69741	49098	77377	98022	37975	68760	41307	49203
Lyso-PC 16:0	4703953	3658323	3348019	3787912	3285135	4419880	2965443	4758297
Lyso-PC 16:3	45509	37059	22374	37424	54814	77877	77751	76368
Lyso-PC 18:0	327569	225702	334795	277783	257050	267465	141732	406936
Lyso-PC 18:1	627011	522243	655483	471991	496569	492611	596543	521301
Lyso-PC 18:2	2891399	2017494	1807726	1925854	1500503	2481509	1458298	2450138
Lyso-PC 18:3	867355	813498	736693	821794	720834	916515	659367	948775
Lyso-PE 16:0	348000	332097	373278	339203	288556	380551	221486	427216
Lyso-PE 18:0	7197	3682	3066	8060	8566	8754	15271	6475
Lyso-PE 18:1	36640	36975	47203	34835	33870	37038	38098	35057
Lyso-PE 18:2	270732	237346	236554	244512	184030	312348	149620	296743
Lyso-PE 18:3	75136	67014	73574	67274	60267	72944	46502	80937
SQDG 32:0	39665	22263	19495	22769	53403	26010	38133	25624
SQDG 34:2	13870	5821	6406	8791	12997	14273	21485	8911
PG 32:0	47986	33847	30322	31383	56798	36671	46184	19982
PG 34:1	56786	48231	42314	48043	31428	45847	44229	62996
PG 34:2	67096	44233	35422	52055	46163	55893	57059	48685
PG 36:3	14514	17430	12018	15903	7926	12629	8734	16889
PS 36:0	29117	26411	27356	21427	41555	28330	38878	47522
PS 36:1	13179	14161	13465	8962	17708	14579	17713	19140
PS 38:0	537004	459744	499167	417675	507099	417193	551482	523315
PS 38:1	392619	361757	349619	308464	349909	344780	430615	428152
PS 38:2	13563	6536	7028	9958	10886	11465	13858	11465
PS 40:0	26457	25941	23171	24949	27830	22278	23325	31893
PS 40:1	430496	488116	441010	441528	440841	347949	387022	507792
PS 40:2	572802	588208	580941	537047	567292	485542	576856	626052
PS 40:3	263937	254038	224671	207080	232208	230898	255068	289401
PS 40:4	19143	11351	10234	14093	14014	16567	14488	15038
PI 34:1	257460	209506	319805	281890	174928	317774	258302	379345
PI 34:2	552104	359114	491545	623425	673867	755051	910201	578965
PI 34:3	23943	8821	12850	28346	28651	34721	35524	18655
PI 36:4	54922	47399	51988	61791	48220	65682	65478	63938

Rice Lipid Raw Data	GW784	GW785	GW786	GW787	GW788	GW789	GW791	GW792
DGDG 32:0	41736	22355	6909	16904	19812	14643	5020	7960
DGDG 34:1	20610	16247	11968	10850	15130	8679	7135	8553
DGDG 34:2	149838	110200	48270	89308	90592	67567	61230	49487
DGDG 36:2	38829	16283	6628	17189	17189	14712	12021	12372
DGDG 36:3	21616	33369	21377	22920	19359	21036	21802	24103
DGDG 36:4	71149	49277	49902	57644	60888	63017	106444	70929
DGDG 36:5	24840	27175	17868	15107	17919	14037	54697	26357
DGDG 36:6	18083	35133	7590	9100	9747	5706	33668	14147
MGDG 32:0	15984	11803	2557	10290	12123	9051	7230	3739
MGDG 34:0	50813	26355	9189	37042	29695	40246	8670	10252
MGDG 34:1	17605	9752	5428	7838	7476	4708	2694	6362
MGDG 34:2(1)	84910	50654	17403	51872	47284	35924	30487	23052
MGDG 34:2(2)	53802	39098	16598	35179	35422	28891	25308	14338
MGDG 36:3	16195	21915	20805	13154	12338	20478	13587	13573
MGDG 36:4	41055	24794	29562	33712	38231	34679	69197	36857
MGDG 36:5	14928	19350	7441	7934	10333	3884	32978	13357
MGDG 36:6	13764	35959	5196	7965	8216	4391	36481	11713
PC 32:0	122634	116243	138379	247664	239108	277787	132023	158278
PC 32:1	146485	191330	156957	180659	138387	127525	253620	223175
PC 32:2	75537	99300	98118	99764	76607	74306	195840	148973
PC 34:1	3094142	4143201	3371943	4088561	3733906	4214845	4204827	3889308
PC 34:2	2063439	2567926	2676792	2860906	2759672	2993668	3625732	3236246
PC 34:3(1)	56789	67405	87727	69888	82344	69040	96037	49974
PC 34:3(2)	17412	15826	19546	37527	36367	43628	17997	23306
PC 34:4	22129	29650	23724	27499	21226	19358	40099	35419
PC 36:1(1)	22024	21202	20373	20504	37441	16746	33996	28534
PC 36:1(2)	131118	129801	128689	172557	140737	187147	204204	239238
PC 36:2	2192478	2821168	2607400	3599607	3027774	3502281	2658152	3415516
PC 36:3	3318162	4004509	4147754	4693198	3921369	5049698	4953332	5170980
PC 36:4(1)	1390048	1731164	2254418	1932205	1857670	2155277	3102040	2787505
PC 36:4(2)	492455	630704	548184	597029	586182	617869	627781	604385
PC 36:5(1)	114104	146583	202248	162637	171868	165908	257331	169389
PC 36:5(2)	355934	440529	458853	485274	474464	505027	578150	536226
PC 38:2(1)	12707	3722	11136	14911	14371	16259	18061	22762
PC 38:2(2)	12707	3722	11136	14911	14371	16259	18061	22762
PC 38:3	13523	11771	23265	21149	18369	23127	27428	30741
PC 38:4(1)	9208	9088	8108	9024	15501	7437	13670	11823
PC 38:4(2)	21022	19522	20484	27068	21716	31630	33001	40957
PC38:5	332904	453063	462146	475798	467599	515926	460836	543048
PC38:6	514611	562137	568245	616653	560595	637085	639971	627829
PE 34:1	244055	226515	279937	354530	385453	393789	338868	284924
PE 34:2	390927	453804	378790	469466	519490	462207	732265	450418
PE 34:3	10977	7752	13809	12468	18150	12927	18791	7779
PE 36:2	106587	87974	145922	265001	250564	268738	140481	180225
PE 36:3	326133	300207	359069	490840	451328	486130	431568	408708
PE 36:4	350146	387885	357886	355529	436139	360004	663811	393410
PE 36:5(1)	13258	12283	19179	14156	19833	15293	24083	13043
PE 36:5(2)	74106	77941	68019	83748	90462	88000	114284	81179
TAG 48:0	2139618	2618809	733692	2313084	1854913	1846795	880354	783575

Rice Lipid Raw Data	GW784	GW785	GW786	GW787	GW788	GW789	GW791	GW792
TAG 48:1	1180450	1628208	1074276	1407166	1259173	934161	1366109	1339405
TAG 48:2	3188186	4119353	2221179	3366799	2457830	1837954	3420220	3095089
TAG 48:3 (1)	188026	245997	164673	195737	153829	132298	250502	267187
TAG 48:3 (2)	28838	22063	47554	32200	12872	31143	47813	44458
TAG 48:4(1)	57862	76697	72573	54529	42842	53124	119744	108269
TAG 48:4(2)	15386	14879	19081	10663	7863	12379	29192	21789
TAG 50:0	1048212	995041	342139	1063871	883900	800288	483124	429139
TAG 50:1	20400000	22500000	14800000	22400000	21300000	20400000	17900000	17400000
TAG 50:2	34400000	38900000	26100000	36700000	32300000	32700000	31700000	31300000
TAG 50:3	8051460	9053200	6078990	7887983	7037683	6142298	8544319	8532545
TAG 50:4	3512598	4285057	2747176	2983603	2277744	1930967	5476011	4345246
TAG 50:5 (1)	207836	251759	143458	176979	154893	100206	275424	250761
TAG 50:5 (2)	16255	11800	37314	12468	7485	22192	51045	35066
TAG 52:0	619026	528367	249762	559554	470158	432770	339097	312525
TAG 52:1	8805771	8671743	5597657	8923731	8772418	7829075	7943961	7884905
TAG 52:2	32900000	34500000	30300000	34400000	33700000	33100000	32100000	32800000
TAG 52:3	47400000	49100000	44500000	47700000	47500000	46900000	47200000	48500000
TAG 52:4	52000000	57000000	47400000	52700000	50000000	49900000	56600000	54800000
TAG 52:5	10700000	11600000	8534323	9668135	9321411	9133277	10700000	10000000
TAG 52:6	492463	433061	278369	377372	378960	313457	420687	343727
TAG 54:0	224867	192753	111013	190897	172098	175239	146138	129437
TAG 54:1	4416653	3916783	2600780	3561909	3875808	3280271	4142934	3947623
TAG 54:2	15700000	15000000	11300000	14900000	15900000	13600000	15200000	16600000
TAG 54:3	32200000	32400000	31900000	33400000	32600000	32600000	31400000	33000000
TAG 54:4	43200000	45800000	43300000	46600000	43800000	44100000	46900000	48000000
TAG 54:5	44700000	49000000	48900000	47700000	46900000	45900000	56100000	55800000
TAG 54:6	28200000	30400000	30800000	25900000	23200000	24900000	40800000	36900000
TAG 54:7	5142880	5353149	5154631	4160170	3852205	4496401	7275098	6264630
TAG 54:8	352540	332606	328575	244960	229213	263338	429269	317399
TAG 56:0	141106	143848	45697	135118	113150	120357	75788	57410
TAG 56:1	1588781	1380195	847850	1198933	1264359	1121084	1405936	1354141
TAG 56:2	7680691	6725030	4338456	6322422	6518784	6013851	6556930	6821228
TAG 56:3	8702602	8139026	7184544	7514578	7694981	7310757	9553977	9560304
TAG 56:4	6193811	5395183	5620262	4053752	4371328	4479388	8582087	7020230
TAG 58:0	37998	36403	10936	35582	28949	31578	19173	14071
TAG 58:1	1307509	1248727	763199	1128243	1082794	1120455	1104900	1024690
TAG 58:2	4156497	3843186	2384042	3324081	3213086	3275457	3494883	3424599
TAG 58:3	2360153	2184974	1774453	1863894	1956120	1911039	2871483	2704791
TAG 58:4	2449252	2270859	1893334	1680396	1845051	1774570	3182895	2965624
TAG 58:5	346637	298653	256621	221694	256169	224277	390498	283770
TAG 60:1	393319	386790	182864	342302	319078	358729	323083	259546
TAG 60:2	2739977	2754611	1561664	2406055	2319841	2600400	2132488	2130882
TAG 60:3	2626218	2542709	2006925	2252298	2186220	2403094	3010309	2991293
TAG 60:4	2720402	2675236	2199170	1990737	1977957	2314410	3402177	3478353
TAG 60:5	305661	294848	189709	212126	214370	245554	306671	284764
TAG 60:6	26055	25622	28821	17870	22693	18618	30416	16123
DAG 34:1	39404	27923	18652	46167	73712	44430	51915	25329
DAG 34:2	95084	85501	45237	92403	168051	102837	170337	70944
DAG 36:2	64686	60063	33040	66142	117375	66758	83681	58417

Rice Lipid Raw Data	GW784	GW785	GW786	GW787	GW788	GW789	GW791	GW792
DAG 36:3	134535	93947	88319	147870	216801	160616	255721	130833
DAG 36:4	208456	127566	148936	152158	211685	189427	374452	196447
DAG 36:5	31773	18756	18992	22366	30350	27124	39600	23261
Lyso-MGDG 16:0	284229	154623	195177	356140	284936	244375	250387	251633
Lyso-MGDG 18:0	22043	14245	9656	26216	26574	34895	15575	16662
Lyso-MGDG 18:1	7083	7861	12886	8142	5532	8053	8157	12469
Lyso-MGDG 18:2	32097	35205	39085	48078	30955	38714	58984	46065
Lyso-DGDG 16:0	70646	33246	30563	66077	34830	36341	27694	24493
Lyso-DGDG 18:1	11160	9942	15312	12667	9485	11271	11137	14541
Lyso-DGDG 18:2	48751	40571	55578	76265	38600	51722	77388	67902
Lyso-PC 16:0	3795604	2603954	3789029	5622122	4325890	3400255	5128779	4692611
Lyso-PC 16:3	57510	33540	67426	74194	52513	18502	151439	101947
Lyso-PC 18:0	327817	171384	211544	386838	287019	323869	321335	317015
Lyso-PC 18:1	396868	304597	810831	819483	700954	509919	866886	1127100
Lyso-PC 18:2	1711948	1222138	1807458	2821912	1860617	1845755	3361990	3124650
Lyso-PC 18:3	824066	586010	816674	1075112	902755	728867	1027449	950706
Lyso-PE 16:0	323185	147721	254942	478842	427961	286461	391609	293528
Lyso-PE 18:0	10091	3931	15071	16474	9175	2568	25591	20258
Lyso-PE 18:1	30182	17397	46607	52118	56965	35823	48407	52898
Lyso-PE 18:2	219918	124758	222605	346223	282818	207522	404302	310332
Lyso-PE 18:3	63696	31371	52647	88772	82620	58858	73293	57627
SQDG 32:0	41475	40120	35019	29687	40104	31146	36405	25569
SQDG 34:2	13673	9803	16251	6815	12900	9472	8207	5908
PG 32:0	50408	46731	35638	16289	36844	50051	42199	35511
PG 34:1	48748	29255	35481	39113	50409	50633	55362	51793
PG 34:2	52535	46092	43916	38862	48742	51142	47288	71164
PG 36:3	14434	6930	5767	12109	14060	13423	18277	12891
PS 36:0	26195	22735	32341	27929	31773	22494	21839	41482
PS 36:1	16022	10422	13556	14479	14202	11033	11256	23622
PS 38:0	484889	392601	514780	419526	496204	456768	504731	530757
PS 38:1	402514	293464	383946	377310	380642	380915	399799	449563
PS 38:2	9490	8465	10727	13937	12023	13774	11467	16495
PS 40:0	25380	21069	19675	18729	27243	22107	26548	30880
PS 40:1	390874	290440	346673	338192	457030	388797	451199	344813
PS 40:2	584833	419035	513914	523385	583052	476389	608702	572208
PS 40:3	295772	175731	219685	294235	238723	227493	279289	365072
PS 40:4	15539	11390	10949	20244	15952	18394	15974	23969
PI 34:1	288613	151897	112452	171873	311978	358297	242537	223697
PI 34:2	568693	479285	431254	376732	548498	653816	424322	631286
PI 34:3	17900	22853	16710	18162	19055	28623	12717	24399
PI 36:4	73240	36261	29529	49248	58653	67753	55357	63128

Rice Lipid Raw Data	GW793	GW795	GW797	GW798	GW800	GW801	GW802	GW804
DGDG 32:0	1998	10293	7563	17602	10325	15985	14389	12023
DGDG 34:1	5934	13311	11352	20937	5961	14230	13508	9611
DGDG 34:2	28651	55306	70373	124942	36100	116154	70226	68176
DGDG 36:2	6065	12041	11822	30458	8824	29044	11092	14575
DGDG 36:3	32815	38383	42309	31756	14862	32819	27496	20995
DGDG 36:4	67535	69046	103453	84245	41495	120674	76020	56915
DGDG 36:5	28047	28093	38504	22183	17562	35347	30505	16162
DGDG 36:6	10111	16977	19682	14680	11518	27933	14435	9737
MGDG 32:0	4119	5181	4750	12220	10004	5599	9848	9745
MGDG 34:0	10470	13803	17282	29203	30470	28461	24784	25847
MGDG 34:1	4852	7044	18434	13178	0	3733	5481	6228
MGDG 34:2(1)	15568	10552	61934	59170	25748	62829	43366	47238
MGDG 34:2(2)	9665	19189	40192	50013	23690	45670	22271	29492
MGDG 36:3	23702	35635	24616	28977	15315	25316	29914	14131
MGDG 36:4	37519	37415	62805	54716	31549	67299	53965	34544
MGDG 36:5	15361	13736	23043	11433	10369	17624	15109	10331
MGDG 36:6	9974	14610	18232	13023	8099	19854	10760	7506
PC 32:0	186514	178268	239282	139286	155593	163541	606714	208189
PC 32:1	288381	240884	524482	166510	163074	251863	197727	171648
PC 32:2	194116	146254	294848	108824	96736	157666	141294	92232
PC 34:1	3935410	4640385	5294714	3633932	4128727	4786564	6403489	3927140
PC 34:2	3405774	3702012	3848229	2597957	2820933	3261094	4801203	2686179
PC 34:3(1)	110461	102709	33084	67508	84652	82877	225536	55079
PC 34:3(2)	26405	25794	36226	20555	23293	23247	97425	29846
PC 34:4	46326	36039	85743	25376	26296	38025	30053	26176
PC 36:1(1)	24978	25287	28844	40427	19234	41692	26311	17600
PC 36:1(2)	263581	286166	331600	200377	156255	252515	228903	169473
PC 36:2	3242104	4116585	4676260	3358933	3727193	4151588	3538806	3806615
PC 36:3	5011233	5671344	6782483	4819426	5043884	5298367	5010130	4695539
PC 36:4(1)	3253248	3249161	3553373	2177886	2118054	2607658	2542896	1953537
PC 36:4(2)	594791	654572	691931	582402	608447	615184	636863	587038
PC 36:5(1)	256547	312753	152505	152458	204759	251700	282563	116699
PC 36:5(2)	542369	587703	606736	438569	460963	516725	653508	451311
PC 38:2(1)	23569	17633	18439	14609	12230	13591	22386	13374
PC 38:2(2)	23569	17633	18439	14609	12230	13591	22386	13374
PC 38:3	33467	36784	31163	20248	20828	21820	23768	22525
PC 38:4(1)	10850	10628	12600	16180	7807	17995	10803	7399
PC 38:4(2)	42260	47060	55050	31425	25223	38393	36423	28451
PC38:5	534475	547049	570002	468752	523486	504127	502600	518241
PC38:6	626568	635592	659182	639463	615552	654148	637218	606450
PE 34:1	432388	589484	379465	257392	386937	379433	641670	322766
PE 34:2	643621	758048	559226	416166	481813	592207	807507	379994
PE 34:3	19897	26355	2896	10060	17165	15928	39928	8590
PE 36:2	264458	359483	210874	191356	275066	222548	325063	237697
PE 36:3	555305	668062	501660	425308	556355	500558	670051	454929
PE 36:4	620472	638440	496311	377461	472667	538723	575336	333908
PE 36:5(1)	28159	30935	12364	12110	27607	19044	33901	11928
PE 36:5(2)	107674	117220	91078	74304	90039	100138	123729	69829
TAG 48:0	609108	857140	1130851	2060631	1522144	1797515	1368725	1732982

Rice Lipid Raw Data	GW793	GW795	GW797	GW798	GW800	GW801	GW802	GW804
TAG 48:1	1421159	1701047	3591852	1322647	1165717	1364104	1278406	1076886
TAG 48:2	2353850	2986187	7148755	3017775	2302021	2942278	2577534	2032402
TAG 48:3 (1)	259595	305351	595611	180908	214627	255601	312195	138825
TAG 48:3 (2)	50328	44009	41634	24500	40276	34110	190332	37257
TAG 48:4(1)	96893	99418	209034	62787	57556	100379	157465	49294
TAG 48:4(2)	19731	22497	27531	13190	18316	17712	100507	12298
TAG 50:0	361476	480230	552850	1060862	716187	793467	587806	766844
TAG 50:1	15600000	18800000	22200000	22100000	20100000	21800000	17300000	19900000
TAG 50:2	25700000	29700000	36000000	34900000	30800000	35000000	28700000	29400000
TAG 50:3	8142154	9545976	14700000	7716368	8263602	8068747	7646980	6350505
TAG 50:4	4062802	3900775	8931519	3967585	2584533	3943424	3610994	2284497
TAG 50:5 (1)	248166	250403	511992	185581	220680	251237	212126	111317
TAG 50:5 (2)	60978	32866	44008	15700	23331	25938	146723	24005
TAG 52:0	307931	338962	364613	556475	435719	491350	425249	429011
TAG 52:1	7580563	9376258	10500000	10000000	7823739	9742777	6362195	7629215
TAG 52:2	31700000	34300000	35500000	33800000	33700000	33400000	32400000	33100000
TAG 52:3	45700000	51300000	50400000	49200000	49100000	48800000	46900000	45600000
TAG 52:4	49800000	52600000	61200000	54400000	52100000	55100000	54200000	45800000
TAG 52:5	9246958	10400000	12200000	9792722	12300000	11500000	11400000	8438418
TAG 52:6	331908	414143	401159	333871	625404	486694	479868	278035
TAG 54:0	141371	152767	153003	212897	161503	181931	173634	177079
TAG 54:1	3992332	4581221	5523905	4402131	3983976	4644616	3916876	3435597
TAG 54:2	16100000	17800000	19300000	17100000	15600000	16900000	14100000	13800000
TAG 54:3	33800000	34100000	35000000	33300000	33100000	32400000	32100000	33900000
TAG 54:4	51200000	48600000	49200000	47700000	46200000	45900000	46300000	46100000
TAG 54:5	57000000	58200000	60900000	50300000	48700000	52200000	54200000	47000000
TAG 54:6	36500000	34400000	41300000	31500000	29000000	33800000	39100000	27300000
TAG 54:7	6788015	5999397	6730171	5170964	6243217	6365338	7970880	4191008
TAG 54:8	365760	398911	313355	258650	496601	393274	482603	222491
TAG 56:0	51339	56999	75022	128348	118427	123481	99397	111328
TAG 56:1	1298641	1516319	1759863	1415964	1371867	1650255	1295683	1162985
TAG 56:2	7190440	7552344	8104215	7140823	7655325	8068176	7161050	6402005
TAG 56:3	10000000	11200000	11800000	7881785	9350589	9065020	9697232	7916095
TAG 56:4	7580788	6482309	7829796	4818911	5241228	5761422	7372205	4312242
TAG 58:0	14339	14533	19549	34172	30551	33526	28928	28167
TAG 58:1	927144	1191523	1484586	1180298	1261495	1448640	1246512	1072380
TAG 58:2	3075430	3554300	4114860	3783256	3877606	4280095	3954986	3209861
TAG 58:3	2675924	2964482	3137304	2119218	2414730	2512640	2653033	1998837
TAG 58:4	2827204	2763595	3149085	2064076	2109982	2587078	2963221	1767695
TAG 58:5	296076	312311	290480	243367	355834	356432	395886	222847
TAG 60:1	284028	320013	459199	375796	364003	469174	410109	335728
TAG 60:2	2119729	2498390	3040669	2771847	2956044	3171477	2825089	2419453
TAG 60:3	2787073	3166274	3763990	2474549	2829902	3007937	3270539	2373136
TAG 60:4	3031561	2840158	3925333	2414262	2664132	3187277	3755602	2055005
TAG 60:5	257178	257274	299450	226501	366771	346573	445434	202856
TAG 60:6	13399	32872	17294	12792	20612	25887	31920	15393
DAG 34:1	62104	37600	32446	69149	38081	58249	48452	36816
DAG 34:2	140936	79186	83628	161502	97496	104928	115895	86205
DAG 36:2	104340	81193	68940	118835	82664	77226	80851	78862

Rice Lipid Raw Data	GW793	GW795	GW797	GW798	GW800	GW801	GW802	GW804
DAG 36:3	345087	142504	142716	242469	128994	243838	191330	140236
DAG 36:4	439027	170267	202007	289345	124427	302060	269993	140514
DAG 36:5	45789	20452	18585	32693	27541	44566	38941	17894
Lyso-MGDG 16:0	167648	242374	502221	347148	225269	234904	264085	192067
Lyso-MGDG 18:0	15518	15946	33024	24712	21365	20411	16871	17344
Lyso-MGDG 18:1	4398	15329	11350	13466	5398	7247	8752	5806
Lyso-MGDG 18:2	13079	44814	17242	42061	39160	49001	45642	28725
Lyso-DGDG 16:0	5372	33089	7441	61321	24193	38966	35164	24816
Lyso-DGDG 18:1	5273	26593	1347	16649	7144	8111	9458	8474
Lyso-DGDG 18:2	16539	96662	3368	65247	41051	51169	39034	35781
Lyso-PC 16:0	3801668	4998987	3304073	3654894	4438364	4239241	4211940	2741462
Lyso-PC 16:3	106984	146275	47181	48527	45405	57180	31584	25003
Lyso-PC 18:0	314332	413257	305096	247791	379835	356016	272925	184047
Lyso-PC 18:1	1261498	1687026	994262	614050	484234	613226	771262	401014
Lyso-PC 18:2	2752590	2919684	828259	1876137	3010133	2484085	2647558	1283030
Lyso-PC 18:3	810278	991232	710706	783857	914391	897089	875877	599664
Lyso-PE 16:0	308326	562024	200842	284765	348339	359377	349537	158476
Lyso-PE 18:0	14061	16700	29525	13928	7762	6702	7618	4514
Lyso-PE 18:1	82019	139181	30933	37797	35135	37535	52958	22313
Lyso-PE 18:2	345006	577945	29906	211002	352710	275824	302048	129803
Lyso-PE 18:3	60665	103734	41451	57108	66694	71365	67273	34362
SQDG 32:0	39001	17647	30476	25480	21927	42933	43564	31784
SQDG 34:2	12384	6599	11573	7518	11032	9742	8156	13222
PG 32:0	19659	23447	26650	22925	22174	36723	44456	31117
PG 34:1	49016	68817	75591	55625	52648	55642	56183	83619
PG 34:2	57485	64751	69737	51528	45458	50537	60237	67787
PG 36:3	18157	19182	14408	13418	16474	18574	15570	14604
PS 36:0	38358	44214	71673	72981	35297	29779	41292	33456
PS 36:1	20816	21455	30211	34609	17579	12800	17755	17003
PS 38:0	505551	469068	624683	607779	437883	483297	575869	703314
PS 38:1	436377	400511	464090	503656	360848	369634	450810	619980
PS 38:2	7776	16731	19808	4555	10868	14110	13949	34810
PS 40:0	36816	29636	60328	43346	30006	24690	32817	32954
PS 40:1	424538	376500	504367	484825	424519	471661	477455	450913
PS 40:2	625433	537036	681730	700598	531189	589868	631723	595056
PS 40:3	330773	307245	343681	374381	260620	250884	313414	312657
PS 40:4	15344	22069	24419	15369	13724	19708	21714	27189
PI 34:1	135662	273431	303033	187019	387437	329494	259596	342189
PI 34:2	306008	468945	467583	415355	665371	543775	506248	630766
PI 34:3	8780	21383	22543	8734	22374	24455	19153	30411
PI 36:4	47642	57323	42478	51651	83841	65205	44099	35437

Rice Lipid Raw Data	GW805	GW806	GW808	GW809	GW811	GW813	GW814	GW816
DGDG 32:0	9386	15563	17254	16680	13651	34664	8217	9983
DGDG 34:1	5471	12192	10434	19446	14046	16269	7542	10646
DGDG 34:2	49525	97987	68261	126231	98549	103149	50125	69136
DGDG 36:2	7251	16948	11527	41918	27604	24546	10021	15075
DGDG 36:3	18219	25230	23370	30525	35513	24083	14708	21489
DGDG 36:4	54300	84296	73073	91355	95774	75080	49058	49565
DGDG 36:5	25078	31553	21590	41768	31085	30467	22677	18636
DGDG 36:6	20260	25026	10597	40152	18838	29157	27665	10748
MGDG 32:0	5775	11151	11248	7510	13192	16642	14375	13517
MGDG 34:0	14250	18733	25756	39838	37893	29013	93028	27648
MGDG 34:1	2172	7797	6410	17146	9335	10078	27992	7154
MGDG 34:2(1)	38253	54393	53033	76636	64945	55352	107357	48606
MGDG 34:2(2)	22306	46097	25762	40078	33649	48984	68747	35701
MGDG 36:3	18176	13619	16392	22041	23696	12056	10432	19642
MGDG 36:4	39953	44454	41929	52597	51363	42861	31851	40076
MGDG 36:5	17334	14798	14738	23672	15814	20761	15604	12929
MGDG 36:6	19195	19432	10650	37385	16654	30869	27832	9918
PC 32:0	152299	148894	159376	138151	349137	104721	265054	170506
PC 32:1	227223	171284	168851	144759	210219	159860	258651	143740
PC 32:2	134658	96628	104004	77561	146479	74444	178519	91401
PC 34:1	3891444	3869149	4012135	4526618	5284274	3603807	3265710	3729095
PC 34:2	2543756	2803265	2732969	2703817	3852436	2075563	2676012	2849694
PC 34:3(1)	76640	99083	69767	72204	92237	67640	42842	70356
PC 34:3(2)	21052	21930	23388	20795	52455	15204	39931	24626
PC 34:4	34814	25858	25268	21179	32152	24950	41423	21440
PC 36:1(1)	25578	24375	22805	27782	27413	22946	32702	25442
PC 36:1(2)	133132	162829	153238	256640	225617	119685	204499	157037
PC 36:2	3545611	3443382	3223653	3846842	4410048	3278114	2637979	2990804
PC 36:3	4587311	4536713	4437495	4600268	5979686	3755791	4191979	4293557
PC 36:4(1)	2036110	2073194	1831060	1925740	3068365	1494960	2167231	2063291
PC 36:4(2)	538759	566412	569779	588486	630236	549153	484118	550638
PC 36:5(1)	181927	219055	147740	159932	286273	123689	146170	134635
PC 36:5(2)	431434	450126	450152	445640	583411	356744	430537	460612
PC 38:2(1)	13254	12100	17383	11537	26017	8174	10942	15407
PC 38:2(2)	13254	12100	17383	11537	26017	8174	10942	15407
PC 38:3	20812	21945	22694	17436	34603	14516	24691	19449
PC 38:4(1)	9580	9873	9399	11441	10434	9287	13567	9854
PC 38:4(2)	20800	26062	23357	40736	34873	19276	31932	23836
PC38:5	486604	439004	453270	486223	501372	465894	368313	440023
PC38:6	566625	610060	570684	590905	636609	536648	570829	576092
PE 34:1	318495	343056	393129	445128	627653	226217	242079	347775
PE 34:2	465062	619768	534474	616021	892405	349921	441211	520190
PE 34:3	14685	21514	16360	15115	23112	10330	8246	14440
PE 36:2	205894	233486	251695	228601	411550	129167	140728	228658
PE 36:3	473164	508587	527884	537276	878269	317086	389089	521337
PE 36:4	431366	460764	480176	564132	769853	324098	416174	454661
PE 36:5(1)	22023	27243	18401	17861	31902	13551	13322	18343
PE 36:5(2)	82416	101619	93973	99610	128848	62729	80168	89713
TAG 48:0	1680642	1670292	1811108	1811331	1912847	2477524	1410774	1712098

Rice Lipid Raw Data	GW805	GW806	GW808	GW809	GW811	GW813	GW814	GW816
TAG 48:1	1484495	1133848	1183954	1109446	1397685	1344963	2349141	1220457
TAG 48:2	3287453	2587476	2957553	1859607	3145201	2849736	6369956	2946586
TAG 48:3 (1)	250365	162369	202874	150547	204192	165625	392965	180566
TAG 48:3 (2)	43971	18862	22606	21073	61746	19890	39487	28261
TAG 48:4(1)	82267	52952	42747	36889	71798	57008	123655	55886
TAG 48:4(2)	18047	9655	10687	9760	25215	12087	27645	11256
TAG 50:0	749563	766504	757934	936880	766584	1149249	650667	739811
TAG 50:1	19800000	18900000	21300000	21500000	22300000	22400000	18100000	19200000
TAG 50:2	31500000	31100000	33800000	33300000	37500000	33400000	34500000	33800000
TAG 50:3	8354601	7359877	8071480	7176800	9144706	7362183	10100000	7783619
TAG 50:4	3939740	2965518	2859615	1968401	3871759	3206432	6177415	3402641
TAG 50:5 (1)	227903	178253	236577	132768	227782	146737	374787	180580
TAG 50:5 (2)	24672	11438	10557	15330	51149	14275	26249	13722
TAG 52:0	417328	472501	418583	530383	451349	602825	400067	411901
TAG 52:1	8321425	7858286	8333835	10000000	8637587	8240961	9109612	7842381
TAG 52:2	33100000	32600000	32300000	33400000	33900000	33300000	30700000	31100000
TAG 52:3	44700000	46100000	46300000	47400000	47800000	46300000	44900000	45600000
TAG 52:4	50200000	49800000	46400000	51500000	57500000	50800000	52600000	51700000
TAG 52:5	10800000	10700000	10500000	9994711	13300000	8897943	9868157	10600000
TAG 52:6	434930	497570	536349	447320	561368	321633	380140	420907
TAG 54:0	148588	183707	165204	215006	189702	216512	168540	154574
TAG 54:1	3829806	3519140	3791111	5011290	3985603	3928048	4338394	3525522
TAG 54:2	15500000	15000000	14300000	17500000	15300000	14800000	16000000	13700000
TAG 54:3	31300000	33500000	31600000	32300000	32900000	32200000	31600000	31300000
TAG 54:4	44000000	44900000	42500000	45000000	45600000	45400000	43500000	43900000
TAG 54:5	48600000	47200000	44300000	47000000	54400000	47600000	48200000	45100000
TAG 54:6	28900000	29300000	24000000	25000000	36000000	27400000	29900000	28700000
TAG 54:7	5392007	5369146	4282771	4377304	6791996	4272930	5275626	5126650
TAG 54:8	314528	393145	290553	273039	437359	242491	302461	295730
TAG 56:0	115363	107022	111774	123957	132684	152639	76212	104543
TAG 56:1	1252537	1172174	1189800	1740873	1418519	1443100	1326356	1096257
TAG 56:2	7157050	6207627	6063938	8193349	7432015	7009009	6392536	5909920
TAG 56:3	9099456	7975644	7659166	9448135	9393308	8083442	8258349	7517355
TAG 56:4	4931083	4472373	4671059	4953948	5667539	4503406	6280667	4661529
TAG 58:0	26423	25614	23925	32886	32263	38533	16020	22814
TAG 58:1	1094004	995308	1030834	1404643	1331096	1264035	911234	1029985
TAG 58:2	3377936	3216667	3161305	3889921	4104996	3638352	3143453	3138533
TAG 58:3	2196603	1948253	1951596	2496759	2540510	2136275	2221507	1841758
TAG 58:4	2066155	1910306	1750514	2196732	2538936	2059826	2625269	1799810
TAG 58:5	287016	284024	278962	299988	380632	254503	307137	272934
TAG 60:1	327109	306306	275787	424920	424327	353921	221692	290051
TAG 60:2	2624342	2422571	2219582	3017986	3233822	2713466	1821647	2312294
TAG 60:3	2519050	2250258	2142930	2708179	2925683	2466890	2143022	2214029
TAG 60:4	2378054	2087180	2027074	2407408	3020131	2316021	2514065	2225476
TAG 60:5	259864	250686	269796	270590	386128	217719	215154	249411
TAG 60:6	19310	27775	17644	14347	26650	20574	17392	22651
DAG 34:1	69393	49353	62987	71687	80540	31558	18595	29418
DAG 34:2	157194	113775	141765	161546	172705	74864	44609	80959
DAG 36:2	112340	89643	93509	110036	109309	68345	34787	59303

Rice Lipid Raw Data	GW805	GW806	GW808	GW809	GW811	GW813	GW814	GW816
DAG 36:3	251910	176189	176597	196547	254976	86656	69450	80651
DAG 36:4	236295	179491	178963	187116	295839	104318	128197	107703
DAG 36:5	34238	30251	31757	27649	38682	14706	16951	17249
Lyso-MGDG 16:0	160902	221404	223267	284691	362943	208835	913765	259202
Lyso-MGDG 18:0	8721	17656	17564	34938	40261	19959	78967	19334
Lyso-MGDG 18:1	3418	8601	4428	13528	6990	10673	8330	6287
Lyso-MGDG 18:2	23984	43009	33064	53025	33710	52925	30355	34942
Lyso-DGDG 16:0	20162	36241	30749	53259	34489	49411	17630	32171
Lyso-DGDG 18:1	7987	9446	7784	14725	11153	15402	1719	9248
Lyso-DGDG 18:2	40058	45755	46808	60616	50434	70281	5913	43942
Lyso-PC 16:0	2726014	2267566	4054197	4511353	5619401	2627758	4352758	3741940
Lyso-PC 16:3	48597	28864	64414	28741	51994	27148	55413	42171
Lyso-PC 18:0	137121	148644	246279	543451	561312	158423	689670	277521
Lyso-PC 18:1	442212	356766	509844	990752	969689	360668	540593	485045
Lyso-PC 18:2	1429012	1221417	2460314	2556552	3353976	1385708	578215	1790340
Lyso-PC 18:3	583154	491821	841966	921962	1068108	566890	890993	793909
Lyso-PE 16:0	206910	210037	351936	447134	617519	200316	302445	368941
Lyso-PE 18:0	9239	9481	10804	4639	10498	9947	49281	10044
Lyso-PE 18:1	30814	28582	36354	73887	76385	24784	19458	40217
Lyso-PE 18:2	170936	172330	306127	376010	501608	168417	27125	264085
Lyso-PE 18:3	42147	44512	69155	83609	107886	41800	58548	69221
SQDG 32:0	38382	15231	30362	45349	19795	28896	33983	36049
SQDG 34:2	11687	4253	13591	8897	2232	1374	12065	8133
PG 32:0	39925	43631	36292	41050	50513	47446	37350	28784
PG 34:1	48748	46311	45425	54117	50922	54505	39601	39454
PG 34:2	58830	45059	58514	52369	50471	67820	44743	43708
PG 36:3	11632	15492	15883	13917	11185	18860	9880	12752
PS 36:0	39764	39057	28719	30336	24158	27029	26347	22684
PS 36:1	18788	18052	12962	13480	8374	10015	10008	9261
PS 38:0	511718	494250	509167	487394	579799	554229	470200	422811
PS 38:1	427882	380902	423099	378627	373231	390785	313265	286525
PS 38:2	9747	13560	17633	12156	11422	12632	10872	5633
PS 40:0	27287	22404	23017	23307	36966	31465	20568	17995
PS 40:1	466854	451627	456637	420748	455861	487059	411473	444217
PS 40:2	606284	574402	573755	566751	565526	615968	515229	519887
PS 40:3	285280	255094	272640	242939	238768	252817	197229	203253
PS 40:4	15507	17058	23384	13727	15755	18574	13404	12266
PI 34:1	152697	266952	248892	267711	192551	58939	130406	152568
PI 34:2	395034	487500	625425	534216	383946	126142	307179	362032
PI 34:3	12544	18564	31782	22512	15801	4273	13495	8936
PI 36:4	41750	51038	65056	51524	24757	14767	24929	45373

Rice Lipid Raw Data	GW817	GW818	GW819	GW820	GW821	GW822	GW823	GW824
DGDG 32:0	12949	10292	10475	19352	20155	11318	10224	7485
DGDG 34:1	9927	10584	10122	18280	17386	15059	17914	17674
DGDG 34:2	54323	81245	83912	153203	130815	86077	74737	74028
DGDG 36:2	11099	20537	20016	29416	25243	17887	11704	11242
DGDG 36:3	20807	26276	29086	33264	28233	33533	39024	37831
DGDG 36:4	57658	75565	75089	116793	100763	108986	79647	93638
DGDG 36:5	21129	20152	21952	28528	33438	54347	45922	45735
DGDG 36:6	13496	11686	17039	22080	30898	43757	30857	34915
MGDG 32:0	8311	9591	7344	7480	6785	5987	11072	9641
MGDG 34:0	27340	35143	19711	37015	29558	8117	94673	77504
MGDG 34:1	5952	7961	7181	16847	11272	4307	30805	36120
MGDG 34:2(1)	39747	56821	51293	86961	78041	31992	52409	63129
MGDG 34:2(2)	21054	45475	36157	58947	51145	27478	34577	33531
MGDG 36:3	16597	19152	18155	23627	18099	18734	20670	22495
MGDG 36:4	37831	41082	41077	56659	60406	70317	40127	44787
MGDG 36:5	14770	10108	13900	15796	19842	47615	25245	23675
MGDG 36:6	13885	8007	15708	19761	29305	59741	25092	32240
PC 32:0	156650	169042	160434	157067	148495	83920	236505	247101
PC 32:1	158100	177110	156543	153450	165751	190501	367735	341623
PC 32:2	102968	115909	88458	95765	112682	90246	189522	182363
PC 34:1	4027112	4329652	4263880	4276365	4125879	4155495	4634729	5171574
PC 34:2	2664913	3034589	2608957	3140880	3015350	2394856	3044036	3644533
PC 34:3(1)	55743	103075	95923	58074	59244	90878	83721	79425
PC 34:3(2)	21841	24763	23030	21742	22551	11596	35436	37014
PC 34:4	23643	27174	23576	21730	24520	28017	58683	53350
PC 36:1(1)	26011	26507	23409	29258	26791	24272	27363	34860
PC 36:1(2)	153781	218159	180628	168057	142752	219509	219710	263410
PC 36:2	3401046	4060779	3806673	3521394	3194748	3663190	3440973	4091207
PC 36:3	4907165	5242628	5008486	5190290	4796614	4095548	4959204	5615143
PC 36:4(1)	2089745	2397532	1908104	2496037	2416062	1652114	2221114	2729685
PC 36:4(2)	550812	574956	576178	599439	593800	580099	603648	600759
PC 36:5(1)	120621	241107	189579	142976	143056	184327	190462	207820
PC 36:5(2)	423164	481273	421723	488347	486712	395704	478923	543931
PC 38:2(1)	13202	19689	14652	13720	11547	4458	5175	7366
PC 38:2(2)	13202	19689	14652	13720	11547	4458	5175	7366
PC 38:3	22749	26031	21233	23770	21174	15639	25534	32267
PC 38:4(1)	10362	9971	9151	11855	11125	10140	11508	14798
PC 38:4(2)	22710	34897	28299	25170	22686	34765	34692	43151
PC38:5	471313	513844	497830	490625	467642	498012	440536	484205
PC38:6	606266	602215	619027	605528	589406	568383	603427	609446
PE 34:1	411900	414820	436481	404791	298351	424218	354891	458650
PE 34:2	551115	569731	506717	643820	544454	593876	573712	655319
PE 34:3	11516	22338	20299	10582	9445	22325	15873	12530
PE 36:2	250356	283890	318589	268032	182524	212418	168798	225759
PE 36:3	529662	542090	546912	551468	451684	442926	427337	470230
PE 36:4	474553	499416	443053	497497	496516	493997	477917	580690
PE 36:5(1)	14843	27907	24897	15300	12549	21882	20140	16909
PE 36:5(2)	98074	94330	89954	108594	93385	96856	97565	105030
TAG 48:0	1782310	1592429	1440196	2012652	1890842	1659906	1552895	1666891

Rice Lipid Raw Data	GW817	GW818	GW819	GW820	GW821	GW822	GW823	GW824
TAG 48:1	1085805	1183991	1147881	1009086	1062834	1292474	3487352	3297162
TAG 48:2	2426636	2916392	2097069	2365859	2502248	2147316	7098829	8145112
TAG 48:3 (1)	156011	189243	139918	129669	136490	148683	526612	428724
TAG 48:3 (2)	32445	33137	26178	35851	32750	29707	145046	73434
TAG 48:4(1)	46355	60990	48196	56308	55330	47774	148531	118394
TAG 48:4(2)	12639	14649	8990	14263	16407	10510	61608	33959
TAG 50:0	774976	795209	675413	916922	864066	908153	706930	764583
TAG 50:1	20500000	20100000	19800000	20000000	19900000	20500000	21700000	22300000
TAG 50:2	32400000	32900000	29500000	34300000	32300000	30500000	35500000	37100000
TAG 50:3	6996332	7702203	5955392	6653989	6693414	6673900	12400000	12000000
TAG 50:4	2674681	3385184	2572286	2828108	3102846	2400833	6346623	6338532
TAG 50:5 (1)	163983	178293	114800	102801	124707	143008	298117	287551
TAG 50:5 (2)	16268	22325	14647	18207	19665	16787	76169	57652
TAG 52:0	442599	493379	398670	544485	487533	552602	366635	398831
TAG 52:1	7336385	8451703	7916370	8300100	7840976	10300000	9633358	9812500
TAG 52:2	31100000	32200000	32800000	31200000	32000000	31800000	32200000	31700000
TAG 52:3	45100000	45800000	45900000	47200000	46900000	45000000	47800000	47200000
TAG 52:4	48400000	49900000	47500000	52900000	52000000	46400000	52600000	58000000
TAG 52:5	9602863	9946879	8169708	9139374	8634775	8095000	9959231	9655120
TAG 52:6	365070	463644	304057	276161	297019	425346	363320	349255
TAG 54:0	168179	192144	152684	201155	187228	222268	143376	153330
TAG 54:1	3579644	4136093	3544112	3956535	3752957	4523891	4474651	4803481
TAG 54:2	14000000	16400000	14200000	15000000	14300000	16400000	15900000	15700000
TAG 54:3	30400000	32200000	32000000	32100000	31700000	31700000	31900000	31500000
TAG 54:4	43100000	45800000	44700000	44000000	43200000	43500000	48000000	45400000
TAG 54:5	47200000	50300000	46100000	49800000	47800000	45700000	52300000	53000000
TAG 54:6	27400000	28600000	26400000	32100000	29800000	24800000	32400000	34400000
TAG 54:7	5020075	5117198	4241752	4556508	4258661	3956588	5275120	5209275
TAG 54:8	276377	353189	265917	216337	197731	278574	326407	273011
TAG 56:0	123608	119365	103241	132638	122598	114728	86809	93314
TAG 56:1	1259782	1491435	1243198	1450247	1332177	1451570	1482855	1587672
TAG 56:2	6481757	7613144	6216312	7292783	7167831	6947452	6992145	7490644
TAG 56:3	8576403	9320028	7632527	8990614	8012499	7951460	10300000	10700000
TAG 56:4	4861881	5294968	4300887	5032651	4759012	4418517	5840408	6466265
TAG 58:0	29837	32967	26020	35471	32211	30700	20759	20615
TAG 58:1	1176289	1200327	1080821	1168195	1151586	1193815	1425497	1369308
TAG 58:2	3657918	4061622	3261363	3907531	3739007	3280085	3951958	4068201
TAG 58:3	2325953	2668313	2034811	2470649	2289997	1952484	2855268	2946919
TAG 58:4	2120400	2520371	1749203	2442679	2099138	1805915	2578174	2705702
TAG 58:5	303811	338250	209849	245216	220657	283410	261439	259990
TAG 60:1	361323	397072	333420	351325	355114	387423	376048	350165
TAG 60:2	2726229	3152220	2418690	2749807	2678490	2474295	2620202	2598336
TAG 60:3	2684209	2962796	2244831	2753239	2547877	2249929	3295021	3249671
TAG 60:4	2512921	2821472	1984359	2764333	2472774	2114331	3041553	3189468
TAG 60:5	304955	289828	184092	215177	212274	215452	247767	229239
TAG 60:6	14128	23953	16997	15231	15999	34275	28358	23624
DAG 34:1	38629	61778	57875	34241	44786	62052	38340	39094
DAG 34:2	96238	124726	101062	83743	109304	113146	53318	65731
DAG 36:2	70640	91915	93254	62704	83615	87788	44500	54766

Rice Lipid Raw Data	GW817	GW818	GW819	GW820	GW821	GW822	GW823	GW824
DAG 36:3	114277	243066	194152	126361	159059	210377	187159	175369
DAG 36:4	143427	263454	188655	187204	216680	216270	207809	240749
DAG 36:5	22669	35596	24841	19105	20899	29623	23156	22213
Lyso-MGDG 16:0	221932	292496	178332	352141	352026	198439	682683	1039946
Lyso-MGDG 18:0	22818	26671	16298	30640	23419	11658	70740	75666
Lyso-MGDG 18:1	4862	13649	7112	10267	11452	11002	9570	10456
Lyso-MGDG 18:2	20896	64286	30187	43730	54884	72896	9203	11217
Lyso-DGDG 16:0	22838	48976	28340	56381	72874	48390	9945	18053
Lyso-DGDG 18:1	6635	14309	8823	12506	14897	19352	1699	4337
Lyso-DGDG 18:2	23829	66124	40726	56689	81957	108187	3464	7859
Lyso-PC 16:0	3729207	5288337	2719731	3049681	5047665	5830985	3229053	3245703
Lyso-PC 16:3	34961	71503	27823	22203	46740	102331	33147	27649
Lyso-PC 18:0	289337	425727	198193	249780	317566	443461	475425	374703
Lyso-PC 18:1	606672	751557	480181	398636	658483	1347382	686795	626337
Lyso-PC 18:2	1949518	2823595	1600591	1381870	2731079	3853216	387443	456676
Lyso-PC 18:3	782435	1014939	585757	645277	977167	1074836	697319	692809
Lyso-PE 16:0	335297	514668	285057	299128	424930	777968	241831	267920
Lyso-PE 18:0	5352	13416	5725	6904	6789	8051	28487	48134
Lyso-PE 18:1	42128	53012	43050	31144	43074	125700	25068	25930
Lyso-PE 18:2	235148	403577	249949	203175	339183	644291	20828	30201
Lyso-PE 18:3	64365	92364	56666	59686	80572	125641	50749	55605
SQDG 32:0	34315	28549	35702	28275	41439	40183	45683	30544
SQDG 34:2	12794	9374	12967	11797	14710	13253	17926	10892
PG 32:0	31813	37571	41938	44915	42306	43941	40907	31372
PG 34:1	42490	51173	63020	69434	53328	44832	57967	58126
PG 34:2	42985	45841	70485	54587	69026	65039	66645	53001
PG 36:3	11748	13224	23174	20436	18186	15172	12225	10241
PS 36:0	25518	27146	32389	27372	27135	27737	33391	54054
PS 36:1	12883	13452	13738	12997	12435	12286	11506	23047
PS 38:0	492507	512528	532982	538453	521567	513531	506265	560684
PS 38:1	394719	372563	422315	381637	427327	410554	339243	420065
PS 38:2	10699	7744	18894	16760	8478	9028	15831	14213
PS 40:0	20543	21774	28796	26743	25637	22885	30150	31504
PS 40:1	374631	440880	484474	471640	451130	430167	467845	405272
PS 40:2	576524	562618	614644	583306	604374	613870	514946	591152
PS 40:3	266887	251839	295761	219965	292061	281254	182833	271657
PS 40:4	13263	11633	26247	20552	15520	14564	16378	18427
PI 34:1	370492	334128	274890	293280	289370	161631	237439	282423
PI 34:2	722401	583929	637286	435864	656354	450419	584593	585442
PI 34:3	23169	16145	30269	20679	15442	13209	36073	21879
PI 36:4	73122	56429	77378	51474	78015	50508	37238	44257

Rice Lipid Raw Data	GW827	GW828	GW830	GW831	GW833	GW835	GW836	GW837
DGDG 32:0	16090	14603	15083	4651	15184	6711	12273	24944
DGDG 34:1	13393	11146	9045	5364	13344	11284	11852	27082
DGDG 34:2	76955	94105	57534	42724	118871	63787	142019	131129
DGDG 36:2	28052	13854	5525	5201	28925	16802	32900	28703
DGDG 36:3	26741	21925	20046	29705	29754	30467	28094	29739
DGDG 36:4	65902	85548	62398	72561	117853	21949	113851	81821
DGDG 36:5	27521	26317	29692	39830	41092	14815	35041	43649
DGDG 36:6	24096	23648	23885	32162	38877	18539	27852	44070
MGDG 32:0	11728	8938	13234	4604	6977	12057	8519	14830
MGDG 34:0	41957	11702	37098	3093	15635	45217	26756	29963
MGDG 34:1	9895	6271	6864	890	6505	8838	9478	11575
MGDG 34:2(1)	45649	55052	48148	23914	51605	48501	82684	68613
MGDG 34:2(2)	32757	43448	40955	16000	51700	63805	52319	45300
MGDG 36:3	16992	11926	11631	26774	16562	18864	12038	11406
MGDG 36:4	38010	51209	41647	51665	57713	9784	66835	47603
MGDG 36:5	13293	22867	25127	33600	30043	6344	24708	28166
MGDG 36:6	15555	24155	31216	34413	34578	16375	32375	41094
PC 32:0	105391	115953	248282	130158	71942	193019	159094	136253
PC 32:1	115875	287511	300957	335219	190868	309219	210935	247867
PC 32:2	62708	194779	224575	183857	94814	269765	148779	157913
PC 34:1	3259307	3363808	4046467	4854053	3565801	3702884	4460232	3740142
PC 34:2	2203657	2451968	3143466	3080964	2127759	3466606	3350804	2539614
PC 34:3(1)	63024	52806	65817	104314	64808	72393	66400	105837
PC 34:3(2)	15151	16325	37972	17340	9273	26412	22152	19592
PC 34:4	17118	45333	46692	52104	30521	48320	33102	38330
PC 36:1(1)	17528	20613	21575	25874	26749	29525	18722	26506
PC 36:1(2)	136082	106324	155812	198083	144386	182132	204346	203016
PC 36:2	2812572	3282135	3614685	3853837	3125551	2432520	3738696	3115257
PC 36:3	3961384	4603434	5094516	4981779	4097715	4689293	4995757	4317954
PC 36:4(1)	1594794	2157160	2469704	2124825	1706642	3068908	2455029	1992639
PC 36:4(2)	497008	527928	564467	601721	526288	514639	610042	556430
PC 36:5(1)	147257	139917	137324	200438	132538	222287	152409	215196
PC 36:5(2)	361402	411771	498458	491098	351798	519529	532196	414824
PC 38:2(1)	10943	8900	17421	10464	8936	12878	12966	9633
PC 38:2(2)	10943	8900	17421	10464	8936	12878	12966	9633
PC 38:3	17485	20336	25014	19785	14204	22288	22084	19080
PC 38:4(1)	6621	8150	8826	9793	11530	11474	6964	11035
PC 38:4(2)	20983	15822	24066	32843	20930	27087	32367	31297
PC38:5	412999	442471	458126	520299	426658	380499	466328	421030
PC38:6	563929	581995	575830	580196	568313	571367	590968	570391
PE 34:1	275125	222311	279605	581325	285821	218437	454098	394325
PE 34:2	458733	483550	501498	750707	509653	525838	737355	629641
PE 34:3	11106	7978	9606	32595	13878	11789	13676	29440
PE 36:2	173692	121066	177510	338820	143984	97028	259149	238202
PE 36:3	417843	411704	432162	634244	424987	350622	571365	512899
PE 36:4	383829	463911	533907	618735	448856	543422	628033	493424
PE 36:5(1)	14978	11276	11218	30108	15441	15631	17544	26153
PE 36:5(2)	79768	82753	87589	115619	87829	87014	113486	102933
TAG 48:0	1727821	1666272	2470431	1197426	1440148	1212635	1875196	1512775

Rice Lipid Raw Data	GW827	GW828	GW830	GW831	GW833	GW835	GW836	GW837
TAG 48:1	803723	1321050	2232105	1569774	1129794	2112978	1252388	1519783
TAG 48:2	1967643	3619294	7205563	2684959	2929470	6973734	2997489	3375528
TAG 48:3 (1)	129821	253711	400408	161544	188853	430547	185737	234278
TAG 48:3 (2)	42817	48663	39526	29768	23561	74006	32666	21321
TAG 48:4(1)	51228	109579	101406	56943	63552	191799	73937	80832
TAG 48:4(2)	22522	32209	28461	10092	16682	58063	24358	8020
TAG 50:0	1016144	735874	953624	621277	674202	551843	887987	862443
TAG 50:1	18200000	18300000	21200000	18400000	18100000	17300000	20700000	18800000
TAG 50:2	30500000	32300000	37600000	25800000	29500000	32500000	35400000	28800000
TAG 50:3	5956103	8323095	12100000	6950250	7475675	11200000	7703182	7835969
TAG 50:4	1998337	4620432	6957204	3823732	3630942	9053388	4043612	4348957
TAG 50:5 (1)	105905	228440	403550	167805	212071	447005	205641	248104
TAG 50:5 (2)	22161	31262	20719	19379	15767	60823	24087	10683
TAG 52:0	608823	471384	526943	399354	442908	325686	492187	560033
TAG 52:1	7823416	7162128	8526116	6921142	7080317	7306935	8314132	8841970
TAG 52:2	31000000	32300000	31600000	32000000	32800000	30400000	32600000	32100000
TAG 52:3	45600000	47200000	46600000	44800000	45500000	45500000	47800000	45000000
TAG 52:4	48400000	51600000	55100000	44100000	48100000	56400000	53900000	46000000
TAG 52:5	9102329	9300278	10900000	8062331	10200000	9780760	10600000	8773230
TAG 52:6	361753	309286	425367	296741	481607	374548	393833	410052
TAG 54:0	238899	188463	196205	162343	177371	134579	190616	237077
TAG 54:1	4067929	3937262	3841086	2763754	3388084	3386355	3922830	4294800
TAG 54:2	14700000	14300000	15900000	12600000	14100000	13800000	15700000	16400000
TAG 54:3	31000000	31500000	32800000	31800000	31900000	31400000	33200000	33700000
TAG 54:4	42800000	45300000	44700000	43000000	44100000	44200000	46900000	44400000
TAG 54:5	46900000	48500000	48300000	46700000	46400000	51200000	49400000	44100000
TAG 54:6	26300000	32700000	31100000	26300000	30100000	38100000	33200000	27100000
TAG 54:7	4672317	5032138	4920532	4541659	5795955	5769354	5756768	4810405
TAG 54:8	302155	257302	225406	293686	436170	294307	317959	339925
TAG 56:0	147514	139548	151245	84809	110713	85003	134504	115583
TAG 56:1	1654306	1544347	1350626	878150	1237248	1105821	1488838	1572540
TAG 56:2	7591746	7694320	7060125	4832204	6692431	5535637	7375158	7445612
TAG 56:3	9066853	9827137	8890479	6435992	8167065	7876450	8846927	8529532
TAG 56:4	5394799	6311309	5151857	3653701	4698902	7081326	5402837	5146139
TAG 58:0	46961	35275	35826	20331	26830	20009	32734	31717
TAG 58:1	1408671	1386897	1317747	862658	1215363	1000687	1321647	1211463
TAG 58:2	4418530	4473253	4111149	2502638	3902454	3592323	4059063	3857818
TAG 58:3	2772701	2773066	2409033	1584153	2177329	2237554	2396877	2347890
TAG 58:4	2473152	2583223	2326119	1331182	2109419	2630700	2455708	2251508
TAG 58:5	321645	292505	293449	158614	298465	263980	300741	325364
TAG 60:1	425744	425035	383525	273511	353229	271198	413948	359930
TAG 60:2	3094728	3271109	2836227	1973631	2905109	2075494	3102461	2718393
TAG 60:3	3105842	3197732	2771855	2007845	2864692	2722706	2892558	2569656
TAG 60:4	2850168	3273811	2832851	1743108	2624499	3752184	3117194	2430467
TAG 60:5	308738	301256	280791	167496	339423	265505	298293	258711
TAG 60:6	15249	16675	15162	12455	20776	24120	22715	38264
DAG 34:1	43448	26460	37707	59298	21055	15687	44218	44495
DAG 34:2	100505	60474	62638	106265	50397	40358	113845	112003
DAG 36:2	74746	50932	34753	91420	50074	25247	80829	98294

Rice Lipid Raw Data	GW827	GW828	GW830	GW831	GW833	GW835	GW836	GW837
DAG 36:3	210463	130413	156448	227684	76930	109261	159123	168407
DAG 36:4	215663	184202	229706	212470	109987	280044	225463	182088
DAG 36:5	29410	22072	31316	28953	18907	22759	27002	29909
Lyso-MGDG 16:0	257406	268690	525120	144949	184285	485396	257503	315073
Lyso-MGDG 18:0	43135	10020	36284	4070	12349	26860	17643	28177
Lyso-MGDG 18:1	15150	14335	2768	5838	8637	7008	8135	8463
Lyso-MGDG 18:2	56743	68511	13908	39293	48820	26644	45796	46032
Lyso-DGDG 16:0	53899	57270	13960	21048	54439	24631	68875	65088
Lyso-DGDG 18:1	17319	14517	1387	7943	13486	3248	12614	15189
Lyso-DGDG 18:2	66671	75439	7071	45424	72338	7254	70116	72678
Lyso-PC 16:0	3004685	7213082	4231556	3802531	2958047	3734108	5287821	4276575
Lyso-PC 16:3	15276	136694	45205	122792	37610	79039	65230	89214
Lyso-PC 18:0	307730	255057	344264	149727	226861	318856	344792	307373
Lyso-PC 18:1	447615	993945	440481	821181	437250	427822	657570	805490
Lyso-PC 18:2	1574654	5019821	610696	2730663	1654565	678396	2648259	2347431
Lyso-PC 18:3	630548	1222176	858720	778974	630537	772879	1002275	855058
Lyso-PE 16:0	231076	538967	215461	405521	301851	237514	508208	529899
Lyso-PE 18:0	3490	22572	24736	15099	7576	45359	9589	21965
Lyso-PE 18:1	30718	54823	14334	66699	32557	12255	49444	67997
Lyso-PE 18:2	186652	456027	24505	440202	219388	22612	346346	375536
Lyso-PE 18:3	47008	94720	43293	78550	60097	47673	90663	95773
SQDG 32:0	46063	34070	43087	53134	42795	32787	38886	23252
SQDG 34:2	14353	15072	11020	15357	19972	9819	13390	12133
PG 32:0	38788	32207	37164	41137	26583	37699	21994	45181
PG 34:1	46999	33887	36432	38733	49588	44708	45168	45742
PG 34:2	56550	50696	43908	55940	47216	41767	72015	60035
PG 36:3	15177	11648	8792	10502	14896	12521	10772	12374
PS 36:0	25304	20892	41755	46880	38563	27896	48660	36233
PS 36:1	12698	7919	23808	24893	16453	11523	30516	17060
PS 38:0	469898	429470	500289	524408	458990	425687	460718	550345
PS 38:1	407005	315202	358554	390516	303493	321057	475686	412558
PS 38:2	13472	10173	7173	10335	7869	8880	12812	10625
PS 40:0	22117	22071	23989	22844	31863	16189	27326	29172
PS 40:1	384526	376382	427019	424137	452228	324895	304936	452153
PS 40:2	559321	496220	542690	588990	557274	450352	581457	573479
PS 40:3	274057	206239	233943	277434	225617	199188	353354	278515
PS 40:4	20602	16306	11346	13501	12129	11447	22686	14263
PI 34:1	277379	176930	203713	258007	409885	311028	204461	331476
PI 34:2	626161	579061	500515	676985	809102	712844	735352	785617
PI 34:3	27383	21694	14686	21516	29151	23406	29423	24852
PI 36:4	74331	57014	45438	67624	91270	66206	75721	61280

Rice Lipid Raw Data	GW838	GW839	GW840	GW842	GW843	GW845	GW852	GW853
DGDG 32:0	21989	10474	7745	13920	14385	21151	7570	31022
DGDG 34:1	16187	11319	9867	15382	17162	16901	10047	21831
DGDG 34:2	112896	69460	95269	91000	91254	116958	47802	112466
DGDG 36:2	22562	21567	18763	24730	26565	26900	13445	24074
DGDG 36:3	32348	15276	18888	26206	25662	20999	24656	33446
DGDG 36:4	87551	48943	74779	58479	67918	70083	11837	104383
DGDG 36:5	34209	17131	21722	21600	28834	26916	11401	46693
DGDG 36:6	35334	16546	14193	15995	21316	23187	16952	33022
MGDG 32:0	16458	10965	11042	10268	12372	13178	8516	15436
MGDG 34:0	35611	28209	64193	27486	32268	40865	39823	29271
MGDG 34:1	9004	5869	17468	17745	17977	8837	5466	14809
MGDG 34:2(1)	50725	36697	109843	49825	50252	54275	29583	69828
MGDG 34:2(2)	49869	34397	84979	43080	41784	53883	37352	44173
MGDG 36:3	16740	12036	11838	15065	18410	11054	15672	25174
MGDG 36:4	45574	31063	49540	36273	46446	43209	11873	70123
MGDG 36:5	22797	8769	13067	18297	23888	17280	7579	36341
MGDG 36:6	34422	12132	10664	16981	26992	16204	16796	27502
PC 32:0	132521	190779	403265	98969	113257	116631	142682	93469
PC 32:1	273126	127969	268832	142880	157291	244702	235202	198972
PC 32:2	182227	110039	215703	74272	83368	155449	190334	86771
PC 34:1	3594994	2691093	4134319	3012745	3298576	2508581	3121113	3952967
PC 34:2	2801737	2367681	3290016	1839434	2071353	1996588	2887203	1895918
PC 34:3(1)	88464	54280	68694	57798	69292	61189	55204	69539
PC 34:3(2)	18989	28386	62274	13466	16123	15793	19314	12581
PC 34:4	41969	19416	43678	22016	23881	38360	36619	29602
PC 36:1(1)	33963	21613	22987	23677	26681	25133	21727	28784
PC 36:1(2)	172146	126073	240788	124030	154220	148442	157898	177829
PC 36:2	3136937	2049444	3286210	2915950	3114926	2550971	2162162	3389319
PC 36:3	4555149	3827283	5166622	3483902	3753908	3433826	3936401	4107745
PC 36:4(1)	2179674	2075459	2472300	1193252	1352460	1636469	2228631	1328075
PC 36:4(2)	521734	460626	551619	503128	509661	428877	497801	552023
PC 36:5(1)	217913	162452	161703	93899	118977	126241	146678	121301
PC 36:5(2)	454765	389928	506341	309682	330809	335852	466632	311337
PC 38:2(1)	12569	14968	19559	8785	8681	9001	9686	8959
PC 38:2(2)	12569	14968	19559	8785	8681	9001	9686	8959
PC 38:3	21102	19048	23257	13496	14189	14817	16278	11746
PC 38:4(1)	13519	8030	8401	9912	10446	9475	8983	10927
PC 38:4(2)	27286	18496	36153	19787	22483	22318	25629	28146
PC38:5	422686	328567	450676	445750	446842	373332	346850	457619
PC38:6	584341	533243	611388	499305	537476	482234	527154	561887
PE 34:1	390157	243361	372500	288126	286407	254582	187977	308433
PE 34:2	657846	392118	490863	345612	407028	485640	425096	445816
PE 34:3	22142	10057	10579	10720	13990	13662	9023	13764
PE 36:2	226736	133565	233477	212896	195883	134524	78212	173751
PE 36:3	524468	381558	474828	407052	405376	347145	299359	405922
PE 36:4	516173	384994	389382	325277	360129	357999	389232	391541
PE 36:5(1)	24769	14446	14039	12904	15159	13392	12885	17206
PE 36:5(2)	112877	71688	87473	61543	71831	84147	75873	78390
TAG 48:0	2677315	1294492	2195115	1372720	1405884	1323707	1002084	2277433

Rice Lipid Raw Data	GW838	GW839	GW840	GW842	GW843	GW845	GW852	GW853
TAG 48:1	2434158	1210554	1880258	1119472	1174143	1391451	1824442	1705219
TAG 48:2	6588601	2867932	6531774	2145105	2251833	4085697	5987776	3083400
TAG 48:3 (1)	379802	209866	373283	141407	157667	222894	369997	189269
TAG 48:3 (2)	29573	11790	31669	15263	20325	18670	54658	23195
TAG 48:4(1)	129835	73043	121115	39075	44172	71429	157498	61976
TAG 48:4(2)	18545	11239	33688	6658	8083	11159	41829	11150
TAG 50:0	1226498	615361	942106	785203	826664	749259	463226	1261652
TAG 50:1	23100000	18700000	22500000	19200000	19000000	15600000	15700000	21300000
TAG 50:2	38700000	33600000	38300000	29100000	29800000	27100000	31500000	31600000
TAG 50:3	11600000	8280087	10900000	6425043	6827534	7560608	9964180	7763709
TAG 50:4	7242724	3417201	7317589	2254349	2342016	5324308	7878671	3667264
TAG 50:5 (1)	420933	213725	464836	133823	144493	283960	343601	147000
TAG 50:5 (2)	17840	12787	24548	10282	10256	11979	39951	12425
TAG 52:0	698635	401574	510375	521605	580337	447714	307608	708065
TAG 52:1	10100000	6888881	9557655	8118086	8929899	7240295	6376965	10400000
TAG 52:2	34200000	31000000	33600000	31600000	32500000	31500000	29900000	32700000
TAG 52:3	49900000	45800000	47200000	45000000	45300000	43200000	45800000	46200000
TAG 52:4	56100000	53900000	58400000	44700000	44000000	45400000	52200000	47400000
TAG 52:5	12100000	11300000	13400000	7665612	8440744	7200331	9085730	8524800
TAG 52:6	558415	453123	515516	302431	383532	221444	302905	466998
TAG 54:0	253558	161341	197183	213749	239011	175453	134449	247911
TAG 54:1	4962420	3685539	3900379	4121950	4522969	3318326	3004898	4543478
TAG 54:2	17000000	13100000	16500000	15500000	16900000	14700000	12500000	17200000
TAG 54:3	32000000	29900000	33200000	34400000	33200000	32900000	30000000	33000000
TAG 54:4	46900000	45000000	48400000	42700000	45000000	43000000	43200000	45400000
TAG 54:5	49800000	49600000	50400000	42500000	43300000	45000000	50500000	46400000
TAG 54:6	34500000	32000000	34900000	20800000	23500000	25900000	35000000	27900000
TAG 54:7	6101873	5905237	6983169	3476058	3748773	4252556	5278239	4187783
TAG 54:8	387161	314399	425790	207659	229726	229922	259415	307493
TAG 56:0	168394	94566	161096	100384	106204	105544	69346	136641
TAG 56:1	1880361	1260929	1381518	1510253	1660562	1088544	966065	1440793
TAG 56:2	8609085	6053797	7016234	7612110	7789561	6069403	5138148	7181081
TAG 56:3	9255419	8474482	7566213	8530824	8913125	7111545	7549072	7833805
TAG 56:4	5500757	7004721	5165651	4498009	4738247	4297396	6681152	4316513
TAG 58:0	41265	23446	38934	25565	27953	28906	15398	41058
TAG 58:1	1604694	1158807	1305891	1084851	1180555	932446	900710	1206949
TAG 58:2	4805167	3704666	4344793	3674239	3783939	3219009	3200728	3381880
TAG 58:3	2526037	2406363	2079509	2157959	2409398	1823862	2101710	1900031
TAG 58:4	2746718	2703153	2211174	1904783	2187790	1698277	2436750	1701170
TAG 58:5	367703	356772	303883	272222	300655	188485	218453	249730
TAG 60:1	468595	333707	504312	298756	338474	314559	218780	403667
TAG 60:2	3381896	2293823	3330591	2579614	2720709	2426389	1805713	2636652
TAG 60:3	2918114	2799080	2897730	2276138	2444090	2188314	2502980	2287449
TAG 60:4	2970573	3199733	3190137	2016213	2215456	2182952	3362333	2045116
TAG 60:5	311778	326044	358797	219049	243409	190199	231907	206819
TAG 60:6	24523	16335	16140	20069	21111	14885	17803	31489
DAG 34:1	29397	28671	27011	36519	49267	21706	9334	39198
DAG 34:2	73892	93890	41734	78679	89129	44497	21690	83765
DAG 36:2	61942	50752	36584	75044	79101	43749	17710	86049

Rice Lipid Raw Data	GW838	GW839	GW840	GW842	GW843	GW845	GW852	GW853
DAG 36:3	83329	104448	79091	118435	164497	97755	53209	113522
DAG 36:4	121620	178177	163211	108885	150362	127453	133492	121773
DAG 36:5	18044	23603	23190	18616	22689	17959	11683	15773
Lyso-MGDG 16:0	300624	227060	646909	162451	180718	242033	276405	165916
Lyso-MGDG 18:0	24033	23885	44728	16863	20307	14997	19857	17553
Lyso-MGDG 18:1	6367	5832	6828	11027	12429	9182	4381	7199
Lyso-MGDG 18:2	26460	30303	26281	37335	36184	55558	13121	31665
Lyso-DGDG 16:0	50037	23977	14454	30399	32072	53982	12666	38226
Lyso-DGDG 18:1	10444	10535	1367	11184	11812	12094	1716	9786
Lyso-DGDG 18:2	44132	39727	7201	40229	40355	64404	4268	43996
Lyso-PC 16:0	2672638	3577425	4081618	2515174	2991514	3466147	2768024	2478260
Lyso-PC 16:3	71128	36736	37656	37846	42329	111598	46144	37004
Lyso-PC 18:0	195665	303927	415625	207191	248114	218377	258010	157690
Lyso-PC 18:1	464925	516802	389295	470050	631094	440446	323274	401854
Lyso-PC 18:2	1349970	1765824	661016	1173306	1592702	1761031	481187	1625103
Lyso-PC 18:3	567147	743964	826203	523174	628622	715815	576851	522257
Lyso-PE 16:0	278531	314966	268078	225687	255283	325723	158874	289022
Lyso-PE 18:0	16917	6582	29381	7868	9063	28255	22669	7727
Lyso-PE 18:1	36673	34683	15771	35844	43811	31757	10101	36436
Lyso-PE 18:2	186746	222880	24306	149236	184325	196250	19011	213016
Lyso-PE 18:3	56859	62132	52838	44640	51299	62244	33711	57642
SQDG 32:0	48856	46250	38699	22048	42529	44125	37875	25839
SQDG 34:2	16256	10919	11266	9833	12463	13417	11862	10210
PG 32:0	54183	43979	39371	29531	31009	34553	44186	18881
PG 34:1	55373	57037	33967	40144	42560	41553	38884	36175
PG 34:2	70111	82393	43813	43769	37821	45190	62809	52384
PG 36:3	14464	16808	11772	12586	11090	10921	11469	7668
PS 36:0	40629	43630	21702	42432	24353	26300	42174	39501
PS 36:1	19889	22786	10972	24825	9433	10210	20473	24332
PS 38:0	487192	480714	361203	512094	402623	446263	346465	410160
PS 38:1	369198	393595	340845	435231	267239	302473	302906	382715
PS 38:2	17370	14787	8208	11217	9659	10927	9713	8696
PS 40:0	27705	22955	17383	34689	17811	20309	19271	21822
PS 40:1	388128	413138	277056	401749	372529	384929	331737	273306
PS 40:2	536754	595382	474131	583988	458197	462673	461123	518699
PS 40:3	238526	276678	265664	286375	146588	171874	209881	285478
PS 40:4	26245	21686	15932	17534	9705	11637	13332	16491
PI 34:1	345628	301415	274083	291154	317670	335091	214709	174037
PI 34:2	841819	786521	688386	608606	582522	667977	676602	602028
PI 34:3	49980	36728	25957	17608	27306	32176	30483	23924
PI 36:4	82865	77464	92283	65616	53629	55055	66061	55870

Rice Lipid Raw Data	GW854	GW855	GW856	GW857	GW858	GW861	GW862	GW863
DGDG 32:0	4864	8186	5312	4130	11861	20965	16950	15057
DGDG 34:1	7245	13813	8938	9772	11061	21405	16147	10119
DGDG 34:2	34851	57587	36497	78136	108375	192483	114661	64015
DGDG 36:2	7055	7777	4522	8748	27823	22042	15960	13904
DGDG 36:3	20780	32665	27031	26857	22919	64297	28585	19378
DGDG 36:4	53542	69953	77414	80673	98577	249119	98416	51807
DGDG 36:5	28860	35545	38962	25630	32215	68947	35661	27992
DGDG 36:6	21320	26364	17546	15572	26964	60046	30312	20402
MGDG 32:0	1646	7062	5134	8140	6657	4074	7911	21495
MGDG 34:0	14874	56524	13828	51327	25092	14600	22860	78109
MGDG 34:1	6652	23432	5741	38808	7569	16386	9987	11026
MGDG 34:2(1)	18009	38989	26653	122930	63583	93658	63741	53374
MGDG 34:2(2)	8189	27151	16878	100837	41800	22338	49455	82708
MGDG 36:3	11072	17797	18947	30431	11436	30450	22120	19447
MGDG 36:4	26139	33479	44317	62903	57310	94187	57691	47571
MGDG 36:5	12796	21862	21539	18734	24289	41384	22261	24686
MGDG 36:6	13293	22764	11464	18937	28667	38741	26367	28503
PC 32:0	141929	169016	123232	152114	121580	113786	144327	258266
PC 32:1	177306	271082	154393	304814	157690	188650	169165	323281
PC 32:2	150752	180113	102966	234623	113284	173279	159426	224425
PC 34:1	3365647	3741231	3101728	3954723	3830164	4128420	4028742	4104842
PC 34:2	2993241	2420410	2341488	2956711	2730956	3198998	3173734	2920890
PC 34:3(1)	71165	62796	46613	55724	61233	89812	90094	76395
PC 34:3(2)	19524	24318	17469	22186	16787	15901	19565	39312
PC 34:4	27296	41487	23169	48239	24569	28357	24112	50686
PC 36:1(1)	26208	23863	21435	33967	17925	26615	17725	26126
PC 36:1(2)	204038	147852	100654	136906	149769	163113	120218	204030
PC 36:2	2884117	2797129	2216421	3044905	3212156	2327638	2955960	3259046
PC 36:3	4656800	4114826	3809689	4545906	4432955	4037144	4868257	4769142
PC 36:4(1)	2904576	1811420	2057448	2356386	2083304	1953328	2575811	2005941
PC 36:4(2)	523774	542445	496780	562974	557308	552752	587425	564209
PC 36:5(1)	252125	140104	113459	167533	131553	140659	220273	143392
PC 36:5(2)	467546	393970	382605	458907	444532	496931	493161	452717
PC 38:2(1)	15791	3871	9329	9768	12037	2881	10810	13603
PC 38:2(2)	15791	3871	9329	9768	12037	2881	10810	13603
PC 38:3	28021	19917	15737	20960	17361	13499	19219	18597
PC 38:4(1)	10149	8967	8489	14395	6654	10053	7212	9901
PC 38:4(2)	32317	22401	16128	20895	23951	23865	17573	31035
PC38:5	421890	405214	369857	412765	461085	356787	402993	413032
PC38:6	582654	546111	529168	583656	592409	535351	589706	580427
PE 34:1	276072	265007	377545	310095	324593	223014	302941	371963
PE 34:2	496008	492305	633578	512028	635421	578543	587386	589225
PE 34:3	15566	10434	11873	9449	13030	13867	17825	16230
PE 36:2	160713	119849	181517	183596	183525	63626	162835	197298
PE 36:3	415622	335171	475900	443432	463216	288150	482319	499059
PE 36:4	484279	439829	522849	490229	584209	414251	591353	503765
PE 36:5(1)	18164	14067	15960	15822	15479	13701	23144	19060
PE 36:5(2)	86680	84194	103005	87127	107340	91224	95431	96273
TAG 48:0	580035	1227751	826809	1341376	1640937	1184194	1924975	2658124

Rice Lipid Raw Data	GW854	GW855	GW856	GW857	GW858	GW861	GW862	GW863
TAG 48:1	1151272	3026135	1328748	2571388	984820	1208553	1524748	2651009
TAG 48:2	2377025	5670788	2947964	6558851	2281337	3370552	3591132	8910369
TAG 48:3 (1)	230722	347128	256067	402577	145380	239651	237922	460839
TAG 48:3 (2)	38871	112508	61435	36551	24200	41271	18859	46562
TAG 48:4(1)	97950	105899	104675	121865	50203	95506	81064	141675
TAG 48:4(2)	19039	50263	33024	24736	17222	31580	11551	36442
TAG 50:0	330287	570161	380545	513395	740522	528223	747132	1197390
TAG 50:1	14600000	20100000	17000000	18700000	19100000	18400000	21100000	22100000
TAG 50:2	24600000	31600000	29100000	33700000	32600000	33800000	36600000	39900000
TAG 50:3	6313864	10700000	7653388	11000000	6262617	8427679	8223527	12600000
TAG 50:4	3263782	4865559	3740274	5877413	2781273	4834483	3731801	7820669
TAG 50:5 (1)	172613	212193	200936	353494	165331	296625	238159	521820
TAG 50:5 (2)	32521	67634	44500	24227	14908	32366	13130	33162
TAG 52:0	257616	334154	249916	331139	443681	341232	412779	661742
TAG 52:1	6413700	7624674	6624024	7109296	7587386	7431884	8241665	10200000
TAG 52:2	30700000	32400000	31600000	31700000	31900000	31900000	31800000	32600000
TAG 52:3	42700000	47200000	47200000	48800000	46200000	48800000	48300000	48000000
TAG 52:4	46200000	48900000	50600000	55700000	50600000	54500000	53600000	56100000
TAG 52:5	7707386	7180625	9523957	9719178	9336533	11100000	10500000	12900000
TAG 52:6	243608	240313	345179	342738	336840	498996	411253	572719
TAG 54:0	118813	127848	100285	127901	162971	136254	141606	236474
TAG 54:1	2724045	3660331	3022013	3337919	3359450	3070931	3443355	4423857
TAG 54:2	13000000	14300000	13400000	14200000	14000000	13200000	14000000	17000000
TAG 54:3	31400000	32300000	31300000	31500000	31000000	29600000	30900000	32800000
TAG 54:4	44200000	45600000	44400000	43300000	44600000	43600000	43400000	45600000
TAG 54:5	48700000	50300000	51700000	52500000	47400000	50100000	48700000	50500000
TAG 54:6	31000000	27400000	32700000	31600000	28800000	35900000	30000000	30900000
TAG 54:7	4963350	3692216	5882009	5057579	4959626	6142166	4670977	6134181
TAG 54:8	278890	177026	304480	243238	265794	369151	300234	455682
TAG 56:0	43600	70992	43923	75717	110959	56967	118584	176580
TAG 56:1	802187	1140929	909578	1037410	1281199	1013949	1073626	1527706
TAG 56:2	4420739	5873167	5119951	5824295	6450433	4921742	5479900	7750754
TAG 56:3	6994320	9050692	8002079	8132719	8030528	7040250	7284817	8796307
TAG 56:4	5360704	5251667	5927913	5882947	4976932	6542392	4676809	5346669
TAG 58:0	11098	17011	9562	15070	24800	12055	25254	42303
TAG 58:1	709229	1168057	693994	927672	1178106	871286	1048358	1333875
TAG 58:2	2228364	3142171	2426539	3092375	3660830	2906387	3152357	4335563
TAG 58:3	1762686	2288157	1970265	2181849	2158748	1870472	1856049	2407590
TAG 58:4	1754696	2030495	2143803	2528622	2089054	2402214	1766327	2577697
TAG 58:5	261151	210168	251935	313275	246516	299483	233862	355692
TAG 60:1	189320	321209	176618	196717	347519	208365	312279	389855
TAG 60:2	1629781	2210659	1464079	1835325	2668597	1735743	2025176	2899159
TAG 60:3	2146926	2800290	2018245	2345554	2604875	1965516	2268761	2856227
TAG 60:4	2188588	2481128	2312315	2737404	2659477	2651509	2242718	3129320
TAG 60:5	188766	172830	217953	218275	266370	244197	214944	336959
TAG 60:6	17354	18238	12936	26416	13598	16661	24721	26359
DAG 34:1	21025	26458	28171	37674	35233	18752	54545	26320
DAG 34:2	32864	34800	66606	67687	72064	65482	130995	53228
DAG 36:2	26620	28545	49029	38612	54186	35032	76035	38659

Rice Lipid Raw Data	GW854	GW855	GW856	GW857	GW858	GW861	GW862	GW863
DAG 36:3	168238	125026	80898	186648	144021	87673	197226	90739
DAG 36:4	236806	170744	122624	268095	207357	166705	244513	160110
DAG 36:5	31027	19204	14751	32991	26951	20797	31843	24494
Lyso-MGDG 16:0	172302	537007	170760	716023	176387	295367	156826	581853
Lyso-MGDG 18:0	13826	49092	20619	48231	15900	17059	11718	51862
Lyso-MGDG 18:1	9316	6159	4138	13718	7028	8977	8343	3922
Lyso-MGDG 18:2	28529	9166	12716	51028	39342	42767	49474	13411
Lyso-DGDG 16:0	15341	11994	9812	15754	40948	42777	35286	5825
Lyso-DGDG 18:1	11400	1922	5992	1951	8392	17004	9313	0
Lyso-DGDG 18:2	35881	4470	16939	9319	49828	105352	50528	3237
Lyso-PC 16:0	4035747	3056751	2929003	3310056	3700995	3755967	3578974	3685568
Lyso-PC 16:3	90577	35303	38769	45590	35811	78472	63705	42956
Lyso-PC 18:0	277441	353978	198196	334976	254465	193527	165932	553324
Lyso-PC 18:1	1057410	688253	646288	580471	423407	549660	451638	334049
Lyso-PC 18:2	2616375	406288	1497066	418571	2004586	1976748	2006205	420372
Lyso-PC 18:3	809054	635618	615570	695003	770070	780236	744764	755135
Lyso-PE 16:0	335039	212725	348108	308713	349593	354474	287230	272904
Lyso-PE 18:0	19677	26097	8635	48261	4782	18678	12711	26539
Lyso-PE 18:1	61123	23062	59856	25531	30902	35373	30955	14839
Lyso-PE 18:2	280841	18756	266947	24233	253533	250014	242569	24464
Lyso-PE 18:3	62405	44027	66054	60396	67925	66310	54981	53409
SQDG 32:0	36402	27169	28402	31443	27043	24129	50103	26998
SQDG 34:2	11919	6762	10050	7499	8671	11006	16113	13276
PG 32:0	47388	31549	28027	24611	17904	39755	55888	38017
PG 34:1	44276	44203	45771	43228	50291	36959	43417	42830
PG 34:2	46463	55553	48693	42544	60558	55911	74002	62304
PG 36:3	8279	16638	7213	10498	12994	10850	7489	13770
PS 36:0	34325	32101	42653	26098	50051	26586	32545	30061
PS 36:1	10916	17561	16252	12817	23809	12908	19769	16073
PS 38:0	473625	429008	449961	390933	493641	489715	499101	518330
PS 38:1	286061	391067	359287	359202	425452	372587	455658	416066
PS 38:2	10431	11897	10340	7585	9151	9575	16249	15831
PS 40:0	26947	27317	20960	17605	20103	21379	20584	19456
PS 40:1	424795	367215	364065	294014	369935	400910	301681	387746
PS 40:2	516498	571353	530211	480721	546739	543981	505412	596525
PS 40:3	152639	368321	218186	247414	288492	254176	241154	295574
PS 40:4	12433	25405	13746	11976	16402	12188	13913	18814
PI 34:1	267023	254643	218965	342992	196248	230485	175936	299582
PI 34:2	607815	556186	489250	665282	409961	583465	537451	661871
PI 34:3	30816	22040	18315	20929	14675	19670	30403	27795
PI 36:4	39036	76914	37555	76604	45846	49306	29533	67954

Rice Lipid Raw Data	GW864	GW866	GW867	GW868	GW869	GW870
DGDG 32:0	6752	4292	5227	10294	6571	5093
DGDG 34:1	8626	11436	10320	11106	6923	11314
DGDG 34:2	67960	43971	53533	59970	49835	58321
DGDG 36:2	12260	12765	16652	20121	14065	19777
DGDG 36:3	26638	22576	27458	12694	17901	21562
DGDG 36:4	73257	55066	67594	46903	55746	91060
DGDG 36:5	31451	23021	22511	24284	19963	45572
DGDG 36:6	25994	20159	16554	27228	11872	39731
MGDG 32:0	12193	7549	8318	9208	5809	4781
MGDG 34:0	31927	37387	10541	31149	23150	9632
MGDG 34:1	8846	25958	10998	8550	7558	5025
MGDG 34:2(1)	65640	41613	19017	43427	47068	22882
MGDG 34:2(2)	127034	27721	27507	38241	26532	26550
MGDG 36:3	26962	11927	12084	14033	12920	10466
MGDG 36:4	78892	28926	29589	39042	32922	59649
MGDG 36:5	23861	15024	8321	18681	14189	29316
MGDG 36:6	34679	15724	8211	24713	9390	44204
PC 32:0	228376	178272	125540	129007	129951	114341
PC 32:1	346288	267641	168249	121009	138761	201277
PC 32:2	232216	169058	107970	92850	85554	155877
PC 34:1	4282729	4367477	3103085	2592782	3388721	4058698
PC 34:2	3122188	2615930	2221703	2245614	2239721	2922713
PC 34:3(1)	71388	43838	71546	64591	80547	113106
PC 34:3(2)	35071	24430	17564	19038	19384	15268
PC 34:4	53205	42163	26229	17983	20368	30448
PC 36:1(1)	19299	27017	28091	19881	26596	29834
PC 36:1(2)	207799	400504	201329	102308	157854	186913
PC 36:2	3890428	4888617	3073537	1670596	3203081	3217114
PC 36:3	5098286	5466642	4284340	3164988	4311307	4758596
PC 36:4(1)	2516685	2088932	2064191	1832755	1852494	2596392
PC 36:4(2)	559522	564412	474019	446912	526017	543263
PC 36:5(1)	161462	130125	222924	125283	167521	269591
PC 36:5(2)	495086	413079	353153	362135	358848	456405
PC 38:2(1)	18486	21531	10472	12506	11162	9273
PC 38:2(2)	18486	21531	10472	12506	11162	9273
PC 38:3	24833	24925	20124	13321	17598	18348
PC 38:4(1)	7884	10624	11025	7166	10230	11776
PC 38:4(2)	35242	65365	32177	14267	24181	28716
PC38:5	455479	480067	459244	275961	459458	450687
PC38:6	596151	640756	564939	472021	557411	575939
PE 34:1	357719	510286	350536	209535	287778	339749
PE 34:2	536534	506177	469388	386233	427177	572518
PE 34:3	11137	9681	14514	13417	17735	24077
PE 36:2	221512	414927	221897	80989	197194	176704
PE 36:3	510286	604003	449517	325129	469413	454937
PE 36:4	542208	417382	440939	433232	427438	532386
PE 36:5(1)	17134	11883	21263	17353	21926	30081
PE 36:5(2)	92020	86743	80149	68382	72593	98313
TAG 48:0	2201313	910095	745039	1122150	1357062	957940

Rice Lipid Raw Data	GW864	GW866	GW867	GW868	GW869	GW870
TAG 48:1	2369246	2103270	1301135	1044314	944622	1408814
TAG 48:2	7079221	3143056	2279229	2270394	2124406	2775682
TAG 48:3 (1)	384663	291598	200833	160659	148266	230211
TAG 48:3 (2)	49229	35288	33327	13256	24981	39346
TAG 48:4(1)	148231	101701	68705	62299	52559	87527
TAG 48:4(2)	36864	19572	15095	9439	12743	18773
TAG 50:0	902696	579059	460205	548042	729131	513712
TAG 50:1	22500000	21100000	15600000	16800000	19100000	18400000
TAG 50:2	37800000	31000000	26500000	30600000	31500000	31700000
TAG 50:3	11900000	9852573	6968771	6898032	6963457	8547467
TAG 50:4	9249865	3948382	2685192	2764190	2480597	3495814
TAG 50:5 (1)	375273	251339	162805	178358	149643	215423
TAG 50:5 (2)	39306	29449	26337	11002	16805	31182
TAG 52:0	543769	417608	312571	367991	465563	366747
TAG 52:1	9692239	12200000	7913612	6451381	8759635	8120763
TAG 52:2	33600000	33600000	30200000	29700000	31500000	32000000
TAG 52:3	48000000	48900000	45000000	42900000	45300000	46200000
TAG 52:4	59900000	52100000	46100000	50500000	48500000	52500000
TAG 52:5	12400000	9195608	7528837	9580562	10200000	11300000
TAG 52:6	473903	310834	279659	406932	432133	513444
TAG 54:0	206325	193799	120249	145856	175057	143056
TAG 54:1	4485045	5838667	3276409	3396758	4001441	3607929
TAG 54:2	17100000	20300000	15000000	12400000	16500000	15200000
TAG 54:3	33800000	31800000	32200000	28300000	31500000	31600000
TAG 54:4	46700000	46900000	44400000	39800000	44700000	43100000
TAG 54:5	55200000	53000000	49000000	45300000	48300000	52000000
TAG 54:6	40800000	33000000	26000000	31000000	28800000	33200000
TAG 54:7	6078941	5306920	4012595	5353402	5481062	6238792
TAG 54:8	309100	233722	215923	311840	383732	433384
TAG 56:0	163205	64680	54276	82179	104505	69641
TAG 56:1	1651023	1768461	912199	1212828	1433353	1071786
TAG 56:2	8300657	8251728	5353559	5782827	7260276	5958563
TAG 56:3	9461189	9921676	7266174	7722753	8443516	8117405
TAG 56:4	5484039	5113912	5178264	6872420	5186412	6007160
TAG 58:0	39579	17588	16798	20915	26936	18372
TAG 58:1	1513635	1126746	733645	1153926	1144949	940908
TAG 58:2	4724066	3510521	2446633	3465232	3698974	3081235
TAG 58:3	2755103	2630228	1792152	2230153	2362407	2102396
TAG 58:4	2880361	2271002	1883043	2418136	2305269	2488918
TAG 58:5	316127	232413	254922	312832	341135	292393
TAG 60:1	531315	306289	225600	303065	378638	283913
TAG 60:2	3637949	2465442	1808333	2133690	2806581	2124185
TAG 60:3	3333242	2772036	2053475	2623081	2643929	2524610
TAG 60:4	3539215	2553890	2212394	2994829	2576223	2908366
TAG 60:5	282222	189644	201670	311336	294580	274338
TAG 60:6	19925	11100	28892	14274	24856	29723
DAG 34:1	60113	26635	55552	22841	42318	56644
DAG 34:2	145645	51111	122586	66304	99447	155850
DAG 36:2	103864	69076	108712	39187	81826	95179

Rice Lipid Raw Data	GW864	GW866	GW867	GW868	GW869	GW870
DAG 36:3	260124	102518	269792	64643	171971	289096
DAG 36:4	318272	112568	296644	107298	177130	340985
DAG 36:5	30686	14095	31565	15494	27965	37050
Lyso-MGDG 16:0	350933	329212	191248	168352	136132	144771
Lyso-MGDG 18:0	26385	41861	16607	23373	19855	11563
Lyso-MGDG 18:1	7510	16936	13924	4116	4882	6459
Lyso-MGDG 18:2	39068	31383	48040	23699	23245	42677
Lyso-DGDG 16:0	8377	15952	28118	16758	14213	16760
Lyso-DGDG 18:1	670	11063	16843	7125	5093	6296
Lyso-DGDG 18:2	3959	13057	68239	26776	24561	44560
Lyso-PC 16:0	3357760	5320668	3091168	2684687	2150401	3181949
Lyso-PC 16:3	37560	79053	68860	22390	21350	69470
Lyso-PC 18:0	351147	679098	230513	280021	201362	191067
Lyso-PC 18:1	402393	1991704	975045	383249	362386	616212
Lyso-PC 18:2	656264	2157966	1949969	1145940	1218258	2658903
Lyso-PC 18:3	693818	1009822	653832	566978	444648	670756
Lyso-PE 16:0	218218	501819	311208	233042	188976	280346
Lyso-PE 18:0	23625	22513	17314	4410	4426	11608
Lyso-PE 18:1	15365	116134	66197	26778	26075	35638
Lyso-PE 18:2	25583	207604	242361	148213	148088	277197
Lyso-PE 18:3	43910	86887	60597	47593	37131	56686
SQDG 32:0	27159	26251	39584	40249	30475	27060
SQDG 34:2	11873	11510	15785	7105	10936	10420
PG 32:0	31619	36371	24142	34504	40430	33204
PG 34:1	45200	46616	53727	64571	30369	45846
PG 34:2	52749	45313	38084	66551	48918	57121
PG 36:3	10662	10950	17911	23313	7903	16532
PS 36:0	51066	51576	43909	29371	19765	23403
PS 36:1	22960	26608	16594	12453	10502	9927
PS 38:0	500044	560465	549413	398291	339590	426097
PS 38:1	377855	391393	367341	345565	330318	343241
PS 38:2	12482	11335	6092	10306	10302	13606
PS 40:0	29414	28693	52784	27237	15479	23451
PS 40:1	396564	470497	513081	390640	234279	406977
PS 40:2	558418	614249	621582	545090	409739	552802
PS 40:3	233949	266865	255128	260118	232335	228390
PS 40:4	15015	16292	10419	19409	12719	18100
PI 34:1	250373	252010	528267	355367	242995	167545
PI 34:2	477198	485240	641610	610534	667093	397257
PI 34:3	20894	17369	17211	26202	28426	19897
PI 36:4	45582	51276	85692	98123	63386	56218

Rice CRISPR-Cas9 Data	Nip	Nip	Nip	Nip	Nip
DGDG 32:0	19.64101978	19.48553459	18.74902453	18.87481686	19.43715546
DGDG 34:3	17.58991159	17.81205428	17.85267894	18.1687191	18.16374918
DGDG 36:3	14.33378941	13.45326964	12.78067745	14.45068026	14.06675723
DGDG 36:4	18.2017388	18.62182972	18.25988171	20.36696338	19.32537461
DGDG 36:5	16.60876145	16.96356274	16.56576718	18.59684648	17.98939413
DGDG 36:6	15.43010025	16.02767562	15.74366817	15.99165406	17.03149047
MGDG 34:3	13.45634157	14.87294525	15.66813583	15.07676358	14.85315047
MGDG 36:5	15.06581187	15.4168978	14.99762504	16.24000031	14.8911067
MGDG 36:6	14.33697243	14.17430439	14.72356421	15.12747467	14.97052229
PC 32:1	18.6199884	18.79367287	17.8078775	19.11595501	18.90005686
PC 34:1	NA	12.87891697	NA	NA	NA
PC 34:3	16.31854597	16.58214145	16.66345834	17.73737736	17.1165081
PC 36:2	13.53081687	13.6461768	14.39490604	14.58431242	12.95102579
PC 36:6	17.1644607	16.14175381	15.56917221	14.63463668	16.00777962
PE 34:3	15.35777533	15.51672171	16.05854648	15.82718857	15.05720168
PE 36:2	16.55555257	17.3492615	15.45231069	18.51884808	17.61717245
TAG 44:0	20.30159116	20.37597316	20.5011918	20.91265338	20.83018006
TAG 44:1	19.57245435	19.38979362	19.2857857	20.09010554	19.67282218
TAG 46:0	22.78242316	22.54153905	22.21067206	23.46905309	22.81190879
TAG 46:1	21.04127703	20.70335973	20.62599026	22.12277943	21.32248749
TAG 46:2	18.43909824	18.68958301	18.20368617	17.9714916	19.05175005
TAG 46:3	17.9328204	17.21328987	17.43911586	19.24206928	17.67308946
TAG 48:0	25.37083346	25.0693785	24.73809096	25.54995218	25.1497373
TAG 48:1	25.20831205	24.68806894	24.73079884	26.03242717	25.11853947
TAG 48:3(1)	18.64580233	18.27797535	18.78955568	20.68220756	18.98579278
TAG 48:3(2)	20.23864573	19.27802936	19.74369817	22.05579883	20.72734056
TAG 48:4	18.510944	17.79447013	18.15341778	20.48291941	19.23353959
TAG 50:0	24.06475581	23.77727517	23.87214103	24.28404246	23.7980321
TAG 50:1	29.3570955	29.00124969	28.72982096	29.65238205	29.44894387
TAG 50:2	29.62556921	29.15662251	28.76756892	30.38465471	29.90312583
TAG 50:3	26.1229995	25.17829787	25.36747871	27.47159596	26.35765099
TAG 50:4	24.31816172	23.29604577	23.55911042	26.28603203	24.8298059
TAG 50:5(1)	17.40349522	16.98702487	17.76446445	20.07504548	17.82908
TAG 50:5(2)	18.83295909	17.52357275	18.31872991	20.86194803	19.34232401
TAG 50:6	16.27527948	16.73843731	16.75565815	18.72797117	16.94964439
TAG 52:0	22.59510431	22.29799795	22.8060289	23.13920164	22.5824387
TAG 52:1	27.45908444	26.96217431	27.25152833	28.21091043	27.45386121
TAG 52:2	30.18852506	29.75457307	29.72544867	30.85265459	30.51079645
TAG 52:3	30.38726637	29.83171588	29.78361549	31.30162582	30.82931298
TAG 52:4	29.58578694	28.72994236	28.68820972	30.71861106	30.03805147
TAG 52:5	25.44393714	24.32201499	24.43618131	26.96088799	26.05833479
TAG 52:6	21.57684789	21.5100481	20.5827941	21.69578992	21.88748278
TAG 54:0	20.96598094	20.78277118	21.63685621	21.6374838	21.48250979
TAG 54:1	25.70320295	25.08776447	26.07459048	26.71401883	25.68028563
TAG 54:2	27.86276493	27.25725895	27.74283474	29.04688094	28.14033704
TAG 54:3	29.75709547	29.12377131	29.3485028	30.68961133	30.2118123
TAG 54:4	29.78082362	29.12520852	29.35271295	31.00626671	30.32614493
TAG 54:5	29.42535341	28.44359563	28.79406201	30.74426331	30.00871675
TAG 54:7	23.75418763	22.7585385	22.93281404	25.75633529	24.5276345

Rice CRISPR-Cas9 Data	Nip	Nip	Nip	Nip	Nip
TAG 54:8	20.83126764	21.16814823	20.77344059	21.06547721	20.74079773
TAG 56:0	21.06895524	20.91111596	21.22021427	21.4929596	21.21519304
TAG 56:1	23.7388783	23.20373296	24.31128608	25.0320542	23.8292763
TAG 56:2	25.94548663	25.15709058	26.22797374	27.38340011	26.214192
TAG 56:3	26.17055923	25.22622237	26.31591434	27.8396267	26.59234635
TAG 56:4	25.25422085	24.42819691	25.31534493	27.02445436	25.80760822
TAG 56:5	23.68881956	22.82492104	23.50907181	25.46373837	24.39184912
TAG 56:6	20.14012795	18.89640768	19.54599886	22.06216956	20.8397805
TAG 58:0	18.77205572	19.16698015	19.4112995	19.35057119	19.18880674
TAG 58:1	23.84993736	23.3328972	24.31200839	25.03148868	23.9279597
TAG 58:2	24.91079835	24.17901961	25.17331467	26.34848024	25.20331008
TAG 58:3	23.68305322	22.83721793	24.06117055	25.67819679	24.04303663
TAG 58:4	22.84898982	21.70326146	22.97876308	25.03030944	23.29961104
TAG 58:5	19.97782812	19.13271786	19.85438156	21.95618172	20.995265
TAG 60:1	21.6742482	21.3530315	22.57015723	22.88902466	21.73390594
TAG 60:2	24.29903718	23.67099083	24.82203718	25.89231028	24.51963866
TAG 60:4	23.28465849	22.22247279	23.50691818	25.53118635	23.76615467
TAG 60:5	18.84732775	17.68253703	19.00392837	21.40568713	19.4656454
TAG 60:6	17.17190301	16.91333853	17.94463416	18.66005363	17.04387548
LysoPC 16:0	25.78325191	25.44446052	25.86898947	25.61467886	25.74208344
LysoPC 16:1	15.81187922	16.00786372	16.23230321	16.11739398	15.928774
LysoPC 18:0	21.45275424	20.95775919	21.54969218	21.47405734	21.22782338
LysoPC 18:1	22.61619636	22.73210332	22.98747472	23.23499939	22.92341051
LysoPC 18:2	23.1708501	23.75762018	23.19540769	24.2865657	23.76258692
LysoPC 18:3	16.54318073	17.24778556	16.01182013	17.3800776	17.28268497

Rice CRISPR-Cas9 Data	gdsl_1	gdsl_1	gdsl_1	gdsl_1	gdsl_2
DGDG 32:0	19.30193254	19.5028842	19.02030541	19.42836877	19.32159489
DGDG 34:3	15.05742652	15.25530934	15.5218313	15.73481804	16.5102077
DGDG 36:3	14.46930396	15.35929047	14.25902625	14.54931717	15.36706248
DGDG 36:4	15.80457406	15.4238507	15.36510179	16.07503899	17.15629769
DGDG 36:5	14.81270451	16.15473384	15.19983707	15.51326922	15.68060696
DGDG 36:6	14.95799697	16.42538959	15.4325605	15.68538381	16.11557409
MGDG 34:3	16.09758834	16.06338459	15.13182189	15.99557314	15.12000093
MGDG 36:5	15.9076501	14.85576577	16.31865254	16.6419537	14.8441001
MGDG 36:6	14.45164195	14.8890051	15.29596019	14.48200127	14.12764205
PC 32:1	15.81949503	15.44935867	16.53766416	16.18749927	16.53910893
PC 34:1	14.12185339	15.47807134	14.12471994	14.75188297	19.09142199
PC 34:3	16.8756041	17.35422196	16.42716337	17.39751905	17.2909874
PC 36:2	17.93468934	16.57077582	16.81387705	17.31374285	17.24774731
PC 36:6	17.5205293	15.67237451	16.547563	17.73982056	16.54897781
PE 34:3	16.66995925	15.40888877	15.3532945	15.91541703	15.4882995
PE 36:2	16.67714981	17.43756533	17.18180441	17.12418832	16.28506661
TAG 44:0	20.72035878	20.67208847	20.92367067	20.63280011	20.69573454
TAG 44:1	19.9826552	19.95688717	20.15249852	19.60185742	19.77614738
TAG 46:0	22.25761791	22.26172491	22.12665058	22.24269818	21.95765304
TAG 46:1	21.40188402	21.5096292	21.65990079	21.07198302	21.06159402
TAG 46:2	19.48523924	20.05505413	20.5288027	19.53558429	19.82489041
TAG 46:3	15.86328732	15.02152136	15.25612141	15.40123551	15.50773903
TAG 48:0	24.49181232	24.74177512	24.09772076	24.6700303	24.60143607
TAG 48:1	21.98303309	22.2618756	22.38872539	21.86879516	22.64723446
TAG 48:3(1)	18.79410815	19.38644163	19.78129388	18.87771665	19.1472062
TAG 48:3(2)	16.32284699	15.58752145	16.29101817	15.33386477	17.16360717
TAG 48:4	14.32347006	15.13609536	15.54772816	15.03037446	16.50612141
TAG 50:0	23.49462687	23.7313239	23.22569646	23.62315611	23.41408656
TAG 50:1	25.29901452	25.79197562	25.99632882	25.21663486	27.18526661
TAG 50:2	25.07767916	25.66689738	25.77259505	24.69816778	27.23117245
TAG 50:3	20.98525909	21.41293199	21.46313971	20.51565661	23.36122159
TAG 50:4	19.23082787	19.91527186	19.948979	18.76468941	20.9273324
TAG 50:5(1)	16.01926196	16.13424701	17.06372015	16.41754219	15.83025638
TAG 50:5(2)	16.03775785	16.05499347	17.06372015	16.14305894	16.29651391
TAG 50:6	16.72531297	16.36911211	16.38810354	15.63837799	16.16780454
TAG 52:0	22.45511178	22.52767999	22.44722263	22.55345393	22.26962864
TAG 52:1	23.70787555	24.15948922	24.36472994	23.6067451	25.22236769
TAG 52:2	26.08582301	26.90747548	26.64179041	25.71818223	27.77810171
TAG 52:3	26.23093216	27.0007826	26.73611319	25.92940297	27.98196038
TAG 52:4	25.30341712	25.9454447	25.82774668	24.93511568	26.94458686
TAG 52:5	21.42396178	22.06131994	21.97103509	21.33347565	22.96812046
TAG 52:6	21.55244614	20.78168213	20.18533105	20.61964018	20.55867738
TAG 54:0	21.14053562	21.33984602	22.60077712	21.1523063	20.83249396
TAG 54:1	22.16814928	22.67813241	22.79054412	22.04779052	23.65474839
TAG 54:2	23.76486098	24.69542729	24.24285865	23.65520778	25.32674327
TAG 54:3	25.70979327	26.94847681	26.04775284	26.00383419	27.11766053
TAG 54:4	25.8762282	26.87359869	26.2814943	25.8922888	27.22474758
TAG 54:5	25.78189361	26.4568631	26.12273311	25.46747014	27.00618818
TAG 54:7	22.51757064	22.1229556	21.42554487	22.18418741	21.94740306

Rice CRISPR-Cas9 Data	gds1_1	gds1_1	gds1_1	gds1_1	gds1_2
TAG 54:8	21.02494745	20.74893252	19.00687497	21.32227361	20.15757165
TAG 56:0	20.67785008	21.06867	21.04012708	21.0568436	20.70137162
TAG 56:1	20.2947875	21.11932501	21.01200167	20.1310767	21.86330249
TAG 56:2	21.77861473	22.99313291	22.19230064	21.61105327	23.44870656
TAG 56:3	21.89273081	23.25143116	22.14083717	22.12856838	23.31242595
TAG 56:4	21.58852064	22.74589753	21.83538669	21.95292789	23.06059446
TAG 56:5	20.17193394	21.1534396	20.56207148	20.29828819	21.54066737
TAG 56:6	19.91175954	19.19974997	18.14223138	19.40004238	18.6799275
TAG 58:0	18.95672638	19.52782913	19.72103221	19.63683727	19.27377834
TAG 58:1	20.28121412	21.40375577	21.12915917	20.41387995	21.79985063
TAG 58:2	21.02691779	22.33980102	21.7025052	20.87192834	22.53132489
TAG 58:3	19.65547127	21.08958803	20.16640368	20.00439169	21.11876839
TAG 58:4	19.26892347	20.25118175	19.57758667	19.25314433	20.52648353
TAG 58:5	16.73887562	18.04308974	17.47357122	17.15678994	18.17141703
TAG 60:1	18.65361941	19.93904366	19.58022858	19.17253002	20.01934961
TAG 60:2	20.26081439	22.17727429	21.05091984	20.23809684	21.8236581
TAG 60:4	19.63339389	20.78289509	20.04335186	19.58714884	21.05564507
TAG 60:5	15.36908986	16.93574295	16.36594255	16.07271762	16.57462934
TAG 60:6	18.12807392	17.94782139	16.67137314	17.60580896	16.70184152
LysoPC 16:0	25.61022634	25.75187405	25.98067099	26.44591093	25.79309211
LysoPC 16:1	15.18729155	14.37239581	13.98939489	15.02269436	15.54278926
LysoPC 18:0	21.38137872	21.43542067	21.48646612	22.21908596	21.2513246
LysoPC 18:1	17.84082902	18.04240016	18.68345745	16.66103121	21.06058728
LysoPC 18:2	17.39043378	17.46772949	18.55837357	16.852716	21.89363273
LysoPC 18:3	13.86401528	13.71639431	14.12826487	14.11043101	15.14273914

Rice CRISPR-Cas9 Data	gds1_2	gds1_2	gds1_2	gds1_2	gpat
DGDG 32:0	18.65648003	19.25330744	18.51517226	19.28744188	19.5444903
DGDG 34:3	16.62362387	18.11045334	17.72829751	16.39439715	18.39871853
DGDG 36:3	14.47706122	15.85039628	13.69207846	14.64231751	16.02775362
DGDG 36:4	17.27822277	18.91625314	19.61912349	16.17764526	17.2726924
DGDG 36:5	15.62755284	17.63568933	17.92873279	15.19862944	16.51548998
DGDG 36:6	14.80225018	17.46139196	16.84000578	14.95569615	16.8606925
MGDG 34:3	15.15366106	15.0272536	15.77180443	14.99932835	15.75762134
MGDG 36:5	14.73670141	16.40725147	16.09690764	14.86235062	15.45870933
MGDG 36:6	14.57989682	15.4246874	15.04608194	14.57490087	14.61387338
PC 32:1	16.97658687	16.70541616	19.18583758	16.41114267	16.04840985
PC 34:1	13.74326788	19.01012146	NA	15.37615319	17.05081728
PC 34:3	17.19796335	17.45256662	17.26209607	17.24328484	17.45372003
PC 36:2	15.75855861	17.49035429	13.37027212	15.49022314	18.28012343
PC 36:6	15.60990008	15.45112595	15.85020372	16.58349281	17.20040416
PE 34:3	15.69855622	15.33326116	15.55596094	15.0545945	15.55979155
PE 36:2	16.16521814	16.43791104	17.88071948	15.81688618	16.76973442
TAG 44:0	20.68169487	20.52664563	20.97634879	20.53353286	20.59267851
TAG 44:1	19.9380968	19.76931229	19.83043529	19.61712648	19.6799439
TAG 46:0	22.05369481	22.2065229	23.21904586	22.30773245	22.28347065
TAG 46:1	21.11616528	21.04849774	21.68812325	20.99359446	21.00886274
TAG 46:2	20.03544063	19.80583006	18.99222492	19.58549856	19.63769998
TAG 46:3	16.25275249	15.79546549	19.06802324	16.29574165	15.74171922
TAG 48:0	24.44085007	24.94134452	25.45754846	25.15626005	24.97677975
TAG 48:1	22.87581747	23.08585795	25.86531424	23.4856074	21.77028886
TAG 48:3(1)	19.4271458	19.09083571	20.26039256	18.73685053	19.10338622
TAG 48:3(2)	16.31524714	18.00679446	21.71629831	17.41724017	15.67042772
TAG 48:4	16.43414844	17.10777588	19.88561398	16.72419474	15.20435091
TAG 50:0	23.40928402	23.68892766	24.34498182	24.01781114	23.79330483
TAG 50:1	27.43246518	27.8798809	29.7297631	28.30419069	25.85120841
TAG 50:2	27.58653808	28.04073147	30.23102508	28.11200125	25.8535549
TAG 50:3	23.14612683	24.28994132	27.16379459	23.30212791	21.27045491
TAG 50:4	21.06484778	22.27101203	25.61727984	20.90937647	19.53814216
TAG 50:5(1)	16.25964844	16.62921291	19.45175816	15.72407701	15.94673407
TAG 50:5(2)	16.92246928	17.01421442	20.37377266	NA	16.13436415
TAG 50:6	16.27372657	16.04066077	18.03984275	16.38545265	16.71382312
TAG 52:0	22.34259058	22.46422639	23.25679699	22.7097073	22.53826978
TAG 52:1	25.65992435	25.8669705	28.17157507	26.40217751	23.92509094
TAG 52:2	28.17335825	28.63126052	30.85981264	28.77646836	26.23460981
TAG 52:3	28.23008528	29.07816362	31.14236082	28.4868774	26.59439058
TAG 52:4	27.0782199	28.3038835	30.34235995	26.99555413	25.81848485
TAG 52:5	22.74581095	24.19989292	26.66830291	22.41312906	22.15875126
TAG 52:6	21.26039973	21.04186279	21.43959999	21.06236891	20.98028094
TAG 54:0	22.18730407	20.91917851	21.78264186	21.21662947	21.09178292
TAG 54:1	23.91412962	24.26624936	26.99094733	24.84642042	22.2969486
TAG 54:2	25.7929635	26.16106101	28.99276092	26.32969937	23.93334096
TAG 54:3	27.32264395	28.26059372	30.55538862	27.79918974	26.15366925
TAG 54:4	27.33547975	28.57779868	30.7361106	27.4170933	26.16355012
TAG 54:5	26.95985626	28.39168992	30.50186323	26.74304787	26.1451646
TAG 54:7	21.67456264	23.10793237	25.13786869	21.96290804	22.51126649

Rice CRISPR-Cas9 Data	gds1_2	gds1_2	gds1_2	gds1_2	gpat
TAG 54:8	20.16244761	20.565828	20.51787303	21.36584615	21.85318755
TAG 56:0	20.66013405	20.88589228	21.35079854	21.1121194	21.10058683
TAG 56:1	21.89522688	22.43941576	25.21716798	22.97818332	20.50419487
TAG 56:2	23.63884857	24.3693336	27.5596098	24.48139458	21.95278089
TAG 56:3	23.59378617	24.53800805	27.7027375	24.01239901	22.22420172
TAG 56:4	23.14573473	24.43602676	27.00089401	23.33680862	22.17733767
TAG 56:5	21.48058949	23.08644807	25.26801387	21.4784044	20.72946306
TAG 56:6	18.78316999	19.19173371	21.91060063	19.52137938	19.57243506
TAG 58:0	19.34291823	19.29052101	19.24917341	19.4667208	19.30914948
TAG 58:1	21.67620046	22.38867268	25.03112908	22.87377232	20.29273786
TAG 58:2	22.61042491	23.38601393	26.48002984	23.53634669	21.05200849
TAG 58:3	21.06879483	22.28618504	25.50749822	21.89225559	20.0347886
TAG 58:4	20.39834239	21.79998478	24.98799212	20.85512667	19.70164371
TAG 58:5	17.97912119	19.4736665	21.91855954	18.10984674	17.62311754
TAG 60:1	19.91120345	20.55156469	22.83177928	21.08065821	18.92963697
TAG 60:2	21.75059045	22.73756338	25.80871381	22.88819832	20.40525173
TAG 60:4	20.47446465	22.28397333	25.33857895	21.40916254	19.73127065
TAG 60:5	15.59724931	17.94868601	21.28721772	17.19651816	16.39791431
TAG 60:6	16.66880147	16.95672261	18.22291137	17.58514655	17.76160355
LysoPC 16:0	26.14180032	24.95823601	24.91811698	24.93296276	26.30168252
LysoPC 16:1	16.75944664	16.10547312	16.07773283	14.24090806	15.82112236
LysoPC 18:0	21.35693686	20.26962972	20.90411203	20.37262216	21.60388916
LysoPC 18:1	21.92002852	21.40408913	22.29798894	19.70520418	18.91197898
LysoPC 18:2	23.02552987	22.520822	23.20413702	19.68652073	19.12715888
LysoPC 18:3	16.39328265	15.51030693	16.61870239	13.48055189	13.81186742

Rice CRISPR-Cas9 Data	gpat	gpat	gpat	gpat	Nip
DGDG 32:0	18.81803529	19.35659141	19.72432271	19.08918736	19.1205999
DGDG 34:3	17.05044913	15.91664599	16.96711615	18.07689408	19.3238623
DGDG 36:3	13.72165603	15.1119254	15.32872008	14.38985488	15.26755064
DGDG 36:4	17.86951276	16.52695689	15.9759821	18.73574293	21.76577658
DGDG 36:5	17.19620233	16.81356483	16.48500419	17.7803225	20.58411738
DGDG 36:6	17.12612573	15.50279814	16.17974284	16.63538936	19.36809058
MGDG 34:3	14.98751858	15.99609346	15.34220902	14.80152503	17.0051323
MGDG 36:5	14.88026179	15.59205517	15.09207987	15.7200423	18.87124862
MGDG 36:6	14.36462826	14.81201853	15.40600777	14.40058154	19.07101428
PC 32:1	17.99892112	15.35772864	15.37385668	19.31613739	19.64527441
PC 34:1	NA	15.38973247	13.75861165	14.17063084	NA
PC 34:3	17.28541943	17.46754087	17.54139913	17.09788217	19.88096106
PC 36:2	15.02882404	16.85074377	15.69499584	14.57818648	13.20742134
PC 36:6	16.18044431	16.75368408	17.54986049	16.72301194	16.89712933
PE 34:3	15.64120326	16.58071969	15.69451421	16.37196274	18.33088549
PE 36:2	15.81339491	17.12478543	16.34561583	17.81687284	20.2934888
TAG 44:0	20.65818345	20.49435445	20.38161808	20.7125443	21.45147922
TAG 44:1	19.57564789	19.40379997	19.08675695	19.41546655	20.34505425
TAG 46:0	22.60633991	22.31636454	22.23563277	22.97983669	23.55165124
TAG 46:1	20.86041083	20.89837369	20.69587965	21.43279828	22.16740556
TAG 46:2	19.02877142	19.58768352	19.33468845	18.55582147	19.21433361
TAG 46:3	16.8125896	15.03026811	15.78418159	18.50184492	19.97404625
TAG 48:0	25.05322356	25.24088801	25.05623363	25.22114008	25.30418244
TAG 48:1	24.46963492	21.30677214	22.06926017	25.63596444	26.30368158
TAG 48:3(1)	18.51796613	18.69575051	18.50258404	19.75399554	21.03239175
TAG 48:3(2)	19.42300834	15.72679063	16.34710011	21.76677451	23.14608125
TAG 48:4	17.42143702	14.74187397	15.57950127	19.90642004	21.87795116
TAG 50:0	23.91966229	24.16013853	23.7917452	24.0111867	23.79172423
TAG 50:1	28.45603199	25.07182733	27.27546965	29.34742079	30.32744216
TAG 50:2	28.546527	25.14156482	27.22350873	30.02842486	31.23632259
TAG 50:3	24.92562854	20.96339232	22.03134398	27.1053089	28.48091655
TAG 50:4	23.16311659	19.38860005	19.67470983	25.62191942	27.50385436
TAG 50:5(1)	16.61478114	15.91175383	15.31240229	18.92091656	20.79188745
TAG 50:5(2)	18.67615347	15.8423424	16.78233601	20.68263862	22.93313338
TAG 50:6	17.00833627	16.32248327	16.59683277	17.72185742	20.25879213
TAG 52:0	23.03750634	22.92805791	22.55669607	23.07789383	23.17102619
TAG 52:1	26.98256355	23.42531267	25.27824693	27.99382828	28.3746456
TAG 52:2	29.23773064	25.87588357	27.46629288	30.38659694	31.72785958
TAG 52:3	29.28681916	26.29662998	27.2896245	30.74203479	32.33388789
TAG 52:4	28.28592122	25.49693925	25.83642478	30.15808322	32.0982454
TAG 52:5	24.2824578	21.61366731	21.55255977	26.70301868	29.13301072
TAG 52:6	21.35315103	21.41938117	20.95409436	21.45409092	24.26028713
TAG 54:0	22.3002028	21.89543756	21.15171143	21.70926654	23.32678659
TAG 54:1	25.65516748	22.2464214	23.78564447	26.70550894	26.57805704
TAG 54:2	27.34177432	23.65128878	25.11755727	28.75893521	29.55961983
TAG 54:3	28.64303412	25.71110082	26.2719601	30.13273303	31.76346684
TAG 54:4	28.63067528	25.91651594	25.97398027	30.36278802	32.29396973
TAG 54:5	28.20488881	25.77716958	25.6195768	30.19318596	32.29262656
TAG 54:7	23.04267271	22.93444546	21.95944982	25.11796223	28.69307161

Rice CRISPR-Cas9 Data	gpat	gpat	gpat	gpat	Nip
TAG 54:8	20.89806868	21.74189627	21.9813809	20.92822605	24.4248249
TAG 56:0	21.14830271	21.28267818	20.93982885	21.31211665	21.05198417
TAG 56:1	23.69720356	20.74044019	21.99284968	24.93018469	24.79934238
TAG 56:2	25.5517659	21.99723291	23.27725938	27.19075881	27.7192085
TAG 56:3	25.29916251	21.9831512	22.57259976	27.20284246	28.47207345
TAG 56:4	24.70390208	21.8439145	21.87703377	26.61073131	27.95846219
TAG 56:5	22.98339602	20.47029444	20.15148498	25.0019478	26.82660216
TAG 56:6	19.39679199	19.89428744	19.63168673	21.74174949	23.99475089
TAG 58:0	19.48386127	19.16861371	18.92600372	19.49062385	19.4086863
TAG 58:1	23.33454122	21.02836546	21.70457955	24.62462702	24.9379148
TAG 58:2	24.37828977	21.66095196	22.50567398	26.04716819	26.73572313
TAG 58:3	23.08829263	20.16370719	20.3843363	25.20385567	26.2663305
TAG 58:4	22.35133192	19.57929772	19.62280788	24.74995272	25.89941234
TAG 58:5	19.80308376	16.87418405	16.88690033	22.00399202	23.40039031
TAG 60:1	21.63674553	19.46377557	19.68390775	22.96312082	22.78054552
TAG 60:2	23.70999776	21.45790413	21.60895207	25.46957004	26.34979694
TAG 60:4	22.51864382	20.35967211	19.88842435	25.06929119	26.47345963
TAG 60:5	18.49132599	16.16544157	15.48560364	21.25429296	22.73370492
TAG 60:6	17.27026459	18.08126162	17.33193552	18.45332649	20.01405383
LysoPC 16:0	25.84072021	26.14936787	26.02124848	25.76689238	27.99250445
LysoPC 16:1	16.47425653	14.20162124	14.9085078	16.92408148	18.59288534
LysoPC 18:0	21.57883977	21.60949888	21.41168541	21.53008348	22.6814238
LysoPC 18:1	22.35380552	16.7213635	17.00870316	23.04218266	25.79960163
LysoPC 18:2	23.27787269	15.92880078	16.93214874	24.02915599	27.1510221
LysoPC 18:3	16.22626819	13.96991103	12.81974392	17.51468459	21.38875088

Rice CRISPR-Cas9 Data	Nip	Nip	Nip	Nip	gds1_1
DGDG 32:0	19.62083665	18.22446876	19.00922254	19.26073541	18.40654171
DGDG 34:3	19.48796347	19.17288327	18.47763875	19.47176457	20.44158472
DGDG 36:3	NA	14.29022575	NA	15.26727251	17.33562658
DGDG 36:4	23.29123145	21.22263642	21.56274619	21.86722909	21.32679233
DGDG 36:5	20.5654454	20.14937962	19.68208952	20.66871399	20.67983191
DGDG 36:6	18.63958661	19.30611015	17.21513092	20.29064765	20.33447777
MGDG 34:3	17.55214496	17.06785897	15.62685076	17.12813331	17.97947373
MGDG 36:5	19.00776129	18.05573325	18.12934323	18.78209601	18.80316707
MGDG 36:6	19.23575988	17.81500121	17.72436355	19.25634092	19.28191637
PC 32:1	19.7534746	18.38900278	20.09892564	19.45158652	19.31150761
PC 34:1	16.17697344	15.2488739	13.43852914	15.24721388	14.32269886
PC 34:3	18.9851317	19.20553223	19.47152504	20.02351035	19.85014397
PC 36:2	NA	16.00434291	NA	NA	15.64518858
PC 36:6	15.8039763	17.71427434	17.25293416	16.63782129	18.15764149
PE 34:3	17.39274634	18.68558988	17.75528906	18.17394977	17.44978467
PE 36:2	19.66156617	18.89071613	20.67458547	20.13176588	18.82015529
TAG 44:0	21.49188684	21.33483595	21.60038685	21.20497627	21.04923907
TAG 44:1	20.52035871	20.48656652	20.49061321	20.20481939	20.65458057
TAG 46:0	23.81590548	23.27902318	23.97578313	23.24904007	23.04143826
TAG 46:1	22.88782438	22.37479382	22.69794625	22.35048568	22.35446248
TAG 46:2	18.65206679	19.63493841	18.7186518	18.79587153	20.03752103
TAG 46:3	21.22937675	20.66982301	20.80934536	20.11276314	19.21873041
TAG 48:0	25.39329236	24.89635884	25.66722824	25.10101206	24.58076436
TAG 48:1	26.80165215	26.32492885	26.67950439	26.26519945	25.23136119
TAG 48:3(1)	22.39424255	22.32592722	22.41591831	21.26916845	21.00204457
TAG 48:3(2)	23.81063086	23.22197378	23.56558679	23.25480842	22.43186849
TAG 48:4	22.49416219	22.13789655	22.40177739	21.97183632	21.45346205
TAG 50:0	23.57424546	23.58742018	23.95478591	23.44866587	23.29407734
TAG 50:1	30.3560511	30.05641093	30.49436726	30.15797829	29.44541373
TAG 50:2	31.26699805	30.89157015	31.38823748	31.03793841	30.72542734
TAG 50:3	28.85461818	28.61882165	28.83221103	28.46917017	27.9562645
TAG 50:4	27.90256483	27.49850596	27.98623329	27.53840788	26.56134855
TAG 50:5(1)	22.01998503	22.50375706	22.32075591	20.80204535	20.78919993
TAG 50:5(2)	23.1051104	22.64116169	23.0244447	22.93807677	22.58077062
TAG 50:6	20.91609677	21.12067995	21.23743849	20.22591519	20.25107161
TAG 52:0	22.92068207	22.86804298	23.19745566	22.48558562	23.04742683
TAG 52:1	28.42742907	28.43389515	28.80899125	28.25823722	27.72390879
TAG 52:2	31.57032176	31.58113256	31.83506886	31.28385406	31.11874283
TAG 52:3	32.14586371	32.16897511	32.35258169	31.86627724	31.94848056
TAG 52:4	32.05220607	31.92018151	32.132116	31.83258754	31.65938824
TAG 52:5	29.19509898	29.04045396	29.04667993	29.10304435	28.81559764
TAG 52:6	24.73410686	24.78218012	24.20433364	24.38363761	24.55489061
TAG 54:0	22.84756594	22.17265997	23.10846089	21.85789339	23.37664585
TAG 54:1	27.06568931	27.17288059	27.3167459	26.54972831	26.23329904
TAG 54:2	29.69960457	29.78264715	29.96456017	29.40494322	29.26075804
TAG 54:3	31.59255912	31.69123211	31.97162681	31.27640374	31.2662927
TAG 54:4	32.13363447	32.33562911	32.43037271	31.8389526	31.87757047
TAG 54:5	32.24561787	32.31362526	32.40044421	31.99794381	32.07161794
TAG 54:7	28.80534075	28.80442192	28.60362521	28.71471575	28.39380381

Rice CRISPR-Cas9 Data	Nip	Nip	Nip	Nip	gds1_1
TAG 54:8	24.72417771	24.40304558	24.1561694	24.44171359	24.62878484
TAG 56:0	20.8894973	20.99155685	21.09672136	20.61372568	20.8888108
TAG 56:1	25.26534852	25.41084464	25.55042659	24.58932003	24.46885665
TAG 56:2	28.28753167	28.36647606	28.47230893	27.59336075	27.56414876
TAG 56:3	28.94857903	29.03824411	29.11156617	28.28619563	28.21485717
TAG 56:4	28.38475864	28.54708119	28.55911308	27.65247912	28.17702512
TAG 56:5	27.12076832	27.28128178	27.24548185	26.59186805	26.93688539
TAG 56:6	24.31783591	24.38365929	24.18642966	23.85433746	24.04917762
TAG 58:0	19.17034002	19.52541969	19.45446692	18.79239947	19.32095327
TAG 58:1	25.5112634	25.44366547	25.53598963	24.83500605	24.36405099
TAG 58:2	27.18909958	27.31370949	27.49012321	26.56577144	26.54293968
TAG 58:3	26.91041101	27.02392343	27.06243655	26.08882096	26.27531615
TAG 58:4	26.60041857	26.71078823	26.73960483	25.8371186	26.39428491
TAG 58:5	23.74725521	24.02109512	23.93440548	23.13500207	23.48048561
TAG 60:1	23.26203628	23.59494215	23.32286924	22.60681253	22.39173681
TAG 60:2	26.8297776	26.87794409	26.96978606	26.16717287	25.97759869
TAG 60:4	27.13760713	27.17960083	27.27684554	26.3711377	26.71790035
TAG 60:5	23.53061072	23.48146835	23.42785422	22.65469125	23.18083713
TAG 60:6	20.86260857	20.98828108	20.88124916	19.92748907	19.9108497
LysoPC 16:0	27.37402565	27.36785176	27.73757918	27.99196822	28.05158818
LysoPC 16:1	17.88922852	18.671202	18.05887799	18.51701913	19.59635747
LysoPC 18:0	22.01660924	22.34977442	22.84500714	22.48224705	22.93018474
LysoPC 18:1	25.12914822	25.62966813	25.40172954	25.69156684	25.57615532
LysoPC 18:2	26.28744472	26.74136414	26.54614679	27.19207885	27.46353086
LysoPC 18:3	20.06302526	20.55645598	20.05864381	21.37695946	21.92622036

Rice CRISPR-Cas9 Data	gds1_1	gds1_1	gds1_1	gds1_2	gds1_2
DGDG 32:0	18.58651003	18.74072885	18.78010933	18.82551041	19.04080081
DGDG 34:3	19.79102378	19.40450178	19.94091695	19.86859978	19.56464227
DGDG 36:3	15.0120213	15.44502344	16.52767607	15.7039772	15.53044115
DGDG 36:4	21.64233113	21.35332795	21.34369967	21.74875826	21.50987414
DGDG 36:5	20.0829738	19.7495101	20.23059752	20.2319114	20.49992544
DGDG 36:6	18.35515691	19.48061415	19.87401088	18.16394732	19.49516188
MGDG 34:3	16.97924527	17.087488	16.48202875	17.20300773	17.75084092
MGDG 36:5	18.29532603	18.01840227	18.69399042	17.64043568	19.17576123
MGDG 36:6	18.54019044	18.18755588	19.21327417	18.27393166	19.59130839
PC 32:1	19.21892903	17.60841153	19.30318384	18.60041636	19.67743967
PC 34:1	NA	20.4359518	15.98360459	NA	11.18805522
PC 34:3	19.13165945	18.54261968	19.58320628	18.9234773	19.87758847
PC 36:2	NA	19.82227171	NA	14.12550643	16.12898004
PC 36:6	17.75533685	16.29698892	17.58273343	16.69414552	17.37306007
PE 34:3	17.24272395	16.52447206	17.4155968	16.74291751	17.64269455
PE 36:2	18.35776898	17.62072724	19.22335903	17.93199533	20.19480956
TAG 44:0	21.28469057	24.14987433	21.04957567	20.64339038	21.46465984
TAG 44:1	21.3425655	23.23152314	20.20762993	20.5006041	20.74786986
TAG 46:0	23.05140433	24.96171483	22.89154356	22.64791014	23.32075115
TAG 46:1	22.5085993	24.52875716	22.26876172	22.02921538	22.66371274
TAG 46:2	18.4870464	22.84772148	19.79925503	18.62537814	19.51017075
TAG 46:3	19.89030099	19.08645055	19.56065257	19.15756739	21.07199674
TAG 48:0	24.7743613	25.39851215	24.28255246	24.12743302	25.08025686
TAG 48:1	25.49700081	25.89223154	24.98552849	24.91534209	25.82564396
TAG 48:3(1)	21.57152557	21.64652452	20.77799905	20.95906648	22.11726416
TAG 48:3(2)	22.755536	22.3673913	22.1286758	22.12420698	23.52222814
TAG 48:4	21.66168424	21.59205721	21.32018598	20.98908466	22.80440211
TAG 50:0	23.41957217	23.88052652	23.12331759	22.86675193	23.62700883
TAG 50:1	29.71037937	29.63421236	29.20810493	29.24536725	30.03942666
TAG 50:2	30.79030999	30.77612202	30.4520863	30.39686384	31.20723952
TAG 50:3	28.16792933	28.03247957	27.71796128	27.68376135	28.52990947
TAG 50:4	26.98936851	26.72474225	26.36423203	26.30541769	27.26581051
TAG 50:5(1)	21.28175084	21.26172414	20.83571073	20.78403867	22.00961293
TAG 50:5(2)	22.48674049	22.27100811	21.92989769	21.93787349	22.99941714
TAG 50:6	20.68312781	20.68207584	20.10907369	20.03189257	21.22322389
TAG 52:0	22.64873992	22.91515141	22.86678514	22.81976371	23.01791274
TAG 52:1	28.10474392	27.88250818	27.5457917	27.47400464	28.24193084
TAG 52:2	31.21286437	31.18067838	30.95649032	30.94420201	31.52233071
TAG 52:3	31.90719645	31.96083464	31.74470064	31.7474607	32.23528723
TAG 52:4	31.75523513	31.78955733	31.58784587	31.43840103	32.05102363
TAG 52:5	28.85570836	28.75529827	28.48260247	28.2313532	29.21546519
TAG 52:6	24.32527522	24.17188974	24.04378908	23.56939616	24.69952048
TAG 54:0	22.00419749	22.36103589	22.96900629	22.52621205	22.81365381
TAG 54:1	26.67964259	26.40658553	26.00717807	25.94970618	26.80220698
TAG 54:2	29.47049385	29.33353426	28.92551397	28.9390516	29.62000637
TAG 54:3	31.40214735	31.36876142	31.0858832	31.09504285	31.53501512
TAG 54:4	31.9447769	32.02269042	31.77432925	31.65794177	32.17648343
TAG 54:5	32.21286135	32.1600885	31.96457687	31.83462792	32.32248226
TAG 54:7	28.47732565	28.40165518	28.0633763	27.81909888	28.80472758

Rice CRISPR-Cas9 Data	gds1_1	gds1_1	gds1_1	gds1_2	gds1_2
TAG 54:8	24.16626114	24.1229526	24.08462704	23.55321372	24.71253079
TAG 56:0	20.37564703	20.88820247	20.56987359	20.07211916	20.72137695
TAG 56:1	24.90382828	24.723593	24.19940056	24.10251456	24.98975116
TAG 56:2	28.01056298	27.69567112	27.15669454	27.29657931	28.01874379
TAG 56:3	28.69037393	28.41552151	27.98270841	28.16058912	28.69408755
TAG 56:4	28.44551961	28.24510639	27.94903876	28.07873662	28.59350908
TAG 56:5	27.08012762	27.03726024	26.73671724	26.73554772	27.34005569
TAG 56:6	24.1727282	24.05550565	23.78642262	23.62966156	24.33624932
TAG 58:0	18.55209617	19.4476479	19.36105546	18.47289102	19.27018095
TAG 58:1	24.70993705	24.53612738	23.96441951	23.97787174	24.87869965
TAG 58:2	26.97355891	26.7125889	26.21341842	26.25912928	27.02259969
TAG 58:3	26.70658602	26.50344636	25.89393149	26.11554304	26.73618246
TAG 58:4	26.75492646	26.51951624	25.96926736	26.10940251	26.84584332
TAG 58:5	23.84936374	23.79120731	23.60471611	23.40653282	24.13561414
TAG 60:1	22.63888734	22.49902635	22.0723985	21.79459696	22.83652198
TAG 60:2	26.23981096	26.10156552	25.59274832	25.60832788	26.37338156
TAG 60:4	27.08082016	26.8304494	26.37004228	26.50365374	27.22340968
TAG 60:5	23.45316303	23.09569634	22.59635014	22.7833868	23.56261796
TAG 60:6	20.37928861	20.12619911	19.83000872	19.76190328	20.48830785
LysoPC 16:0	27.65317734	27.22062538	28.16848123	27.87576406	28.29109437
LysoPC 16:1	19.43318825	18.83873257	19.77450915	19.36421531	19.92034735
LysoPC 18:0	22.57557677	21.91529834	22.82968199	22.38644331	22.8891529
LysoPC 18:1	25.30190764	24.81530285	25.34957223	25.14397497	25.61810482
LysoPC 18:2	27.0763749	26.5461798	27.38316415	27.09190155	27.70165205
LysoPC 18:3	21.18183731	20.71773163	21.53674364	21.37444413	21.84482498

Rice CRISPR-Cas9 Data	gds1_2	gds1_2	gds1_2	gpat	gpat
DGDG 32:0	18.97813842	18.71418923	18.97717156	18.81565006	18.64238084
DGDG 34:3	20.14384864	19.39991489	20.18076829	21.66145388	19.54328189
DGDG 36:3	15.73032321	14.9703506	15.68395543	18.1634773	16.10176567
DGDG 36:4	21.85038634	22.71924184	21.84441429	21.64169296	21.34022049
DGDG 36:5	20.78507516	21.2927355	20.90828842	21.76220777	20.90472686
DGDG 36:6	20.2799878	20.02319061	19.33330689	22.59752705	19.88335604
MGDG 34:3	17.38093407	17.8773444	17.3542296	18.48331166	16.4207697
MGDG 36:5	19.59587241	20.13422053	19.61631859	19.29891077	19.6397579
MGDG 36:6	19.98265995	20.49354623	19.80025805	20.65729776	19.53633324
PC 32:1	19.41107798	20.64678263	19.71512157	18.35278145	20.33002055
PC 34:1	15.54816813	15.68635427	13.07275506	15.19216672	14.15490687
PC 34:3	19.53254122	20.11185609	20.56917317	19.2001505	20.21958173
PC 36:2	NA	14.69626176	15.13017682	NA	NA
PC 36:6	16.50734727	16.89946195	16.81091725	16.25722702	16.99276235
PE 34:3	18.23750615	18.44875487	17.89190471	17.45105215	19.27461012
PE 36:2	20.42471824	21.34037726	20.38843912	18.41557123	21.17200087
TAG 44:0	21.20379139	21.97629133	20.67154051	20.95223832	21.48627684
TAG 44:1	20.28495427	21.33032972	20.39264826	20.27464124	20.42981254
TAG 46:0	23.19485342	24.16354805	22.91453193	23.07441776	23.84040113
TAG 46:1	22.28786474	23.75533529	22.46260388	22.02989557	22.85795534
TAG 46:2	19.30561907	19.0355679	18.2905039	19.24661487	19.19484162
TAG 46:3	20.69261997	21.9443671	20.52355069	20.1255715	20.9528765
TAG 48:0	25.04762824	25.59799125	25.17092929	25.01956738	25.40494994
TAG 48:1	25.89989305	27.34491383	25.90101529	25.43560253	26.80832858
TAG 48:3(1)	22.30375698	23.23668365	21.93971968	21.64482951	22.30493928
TAG 48:3(2)	23.46621253	24.60617056	23.26528673	23.31588921	24.2671248
TAG 48:4	22.54078922	23.27114753	22.32199325	22.18851548	22.81933445
TAG 50:0	23.42658247	24.01301865	23.55440813	23.18801339	23.78129781
TAG 50:1	30.32485353	30.8247752	30.29377727	30.03508939	30.47305666
TAG 50:2	31.48005868	31.65876549	31.37222759	31.41216144	31.51187229
TAG 50:3	28.75969456	29.47808345	28.59552834	28.62383054	29.28472886
TAG 50:4	27.62282497	28.57814275	27.35257749	27.41211699	28.4574161
TAG 50:5(1)	22.17826392	23.33177963	21.91832208	21.13071585	21.95620682
TAG 50:5(2)	23.07840531	24.04684551	22.78757913	23.43812908	24.14237073
TAG 50:6	21.50470371	21.7816568	21.08409845	20.98349239	21.38575135
TAG 52:0	22.93741327	23.19706917	22.97938462	22.5970071	22.93177418
TAG 52:1	28.53901954	29.3038484	28.53902445	28.2592221	29.21892894
TAG 52:2	31.62437295	31.75290488	31.5133059	31.34547365	31.8385689
TAG 52:3	32.30212344	32.40081078	32.16535091	32.14331822	32.4571884
TAG 52:4	32.27789774	32.32294471	32.15033786	32.15688502	32.33701486
TAG 52:5	29.54037448	29.77238562	29.26959085	29.66078904	29.73920034
TAG 52:6	24.89179253	25.41295086	24.62173137	25.89276725	25.17188942
TAG 54:0	22.84140305	22.87425672	22.67159804	22.34485118	22.56233567
TAG 54:1	26.95870259	27.99036906	27.03194946	26.83355415	27.73006363
TAG 54:2	29.81383841	30.43605977	29.77198356	29.59196173	30.43024883
TAG 54:3	31.68640641	31.79712111	31.4627941	31.35342211	31.93466493
TAG 54:4	32.28106523	32.30937417	32.03742976	31.94685607	32.38176671
TAG 54:5	32.51702117	32.5038121	32.28138048	32.31627229	32.52047772
TAG 54:7	29.16406594	29.34217631	28.83003884	29.2121271	29.28496891

Rice CRISPR-Cas9 Data	gds1_2	gds1_2	gds1_2	gpat	gpat
TAG 54:8	24.78111307	25.33131164	24.45098808	25.73626628	25.06393214
TAG 56:0	20.63433048	20.71453917	20.30316675	20.37028766	20.75496719
TAG 56:1	25.09056211	26.23204113	25.24228441	24.93145662	25.88175527
TAG 56:2	28.41119168	29.15226154	28.22692379	28.14247982	28.82403838
TAG 56:3	29.03678183	29.5220608	28.81845909	28.73347734	29.34590854
TAG 56:4	28.84334759	29.01474964	28.65492015	28.75418666	28.96850536
TAG 56:5	27.58145209	27.54755756	27.39079295	27.50249352	27.6662835
TAG 56:6	24.77583144	24.96469535	24.42901114	24.74894238	25.09181099
TAG 58:0	19.13002988	19.07962492	18.21002216	18.74513604	19.34727768
TAG 58:1	24.88670341	25.97831848	25.05752903	24.5711361	25.63861871
TAG 58:2	27.29027174	27.98967437	27.19067744	27.10527045	27.73356362
TAG 58:3	27.01330066	27.67460651	26.90580892	26.71545133	27.3893191
TAG 58:4	27.22863795	27.5545326	26.99266925	27.22029428	27.43861796
TAG 58:5	24.37351587	24.43729407	24.16843295	24.40704622	24.75154425
TAG 60:1	22.72341181	24.02508193	22.86202014	22.41645055	23.86420153
TAG 60:2	26.56130889	27.48358514	26.44863844	26.23712118	27.24027426
TAG 60:4	27.51492521	27.90571324	27.34500583	27.31221711	27.7859766
TAG 60:5	23.86202375	24.64676525	23.63967347	24.05843332	24.53924051
TAG 60:6	20.84868554	21.46673757	20.61186147	20.62823775	22.12118112
LysoPC 16:0	26.97829016	27.29285951	27.47109692	27.5613997	28.1652751
LysoPC 16:1	18.71194125	18.78920094	19.22514372	18.70524243	19.90711842
LysoPC 18:0	21.71167611	22.4796242	21.95987886	22.14641576	23.08531162
LysoPC 18:1	24.62014795	25.13080596	24.78022385	24.74288456	25.72353176
LysoPC 18:2	26.69298124	26.5255871	27.15057489	27.29475617	27.69783907
LysoPC 18:3	20.83439065	20.59802644	21.2066577	21.81459597	21.96930361

Rice CRISPR-Cas9 Data	gpat	gpat	gpat
DGDG 32:0	18.37211195	18.98092594	18.541155
DGDG 34:3	20.66047129	21.83442062	19.35292151
DGDG 36:3	16.92368427	18.26394515	15.59923339
DGDG 36:4	21.61935321	21.71526469	21.35829265
DGDG 36:5	21.20823078	21.92237135	20.86472151
DGDG 36:6	22.11857186	22.05954166	20.1944056
MGDG 34:3	17.64443055	18.37970003	16.88526527
MGDG 36:5	19.0787029	19.32414205	19.58139775
MGDG 36:6	19.75774143	20.57705302	20.10264905
PC 32:1	17.59953648	18.83083594	20.14850753
PC 34:1	20.43763752	14.12938234	16.80783721
PC 34:3	18.57252274	19.31409944	19.79050154
PC 36:2	19.29037258	14.27226054	NA
PC 36:6	15.48484292	16.26471705	16.47406181
PE 34:3	17.01908474	17.35797457	18.92591273
PE 36:2	18.09775999	18.28421513	20.89455966
TAG 44:0	21.17038058	20.80413188	21.40080773
TAG 44:1	20.31714893	20.3883621	20.21699965
TAG 46:0	23.05125318	22.8395011	23.72915024
TAG 46:1	21.99119082	22.01845672	22.6784165
TAG 46:2	19.55799579	18.28222559	19.37831732
TAG 46:3	19.8435302	19.95301804	20.74620555
TAG 48:0	24.96896946	25.02947934	25.35077477
TAG 48:1	25.56972956	25.22515684	26.68648319
TAG 48:3(1)	21.66267981	21.59206761	22.2108632
TAG 48:3(2)	23.10977191	23.18248038	24.13184341
TAG 48:4	22.16753826	21.93718742	22.74295293
TAG 50:0	23.58021244	23.30962918	23.7956351
TAG 50:1	29.96832948	29.85628211	30.30667114
TAG 50:2	31.28271729	31.21918392	31.41335608
TAG 50:3	28.48053038	28.39262147	29.17572951
TAG 50:4	27.2528312	27.2149535	28.27402184
TAG 50:5(1)	21.51414203	21.06786856	21.99704008
TAG 50:5(2)	23.05246589	23.13888319	24.10295336
TAG 50:6	20.86851445	20.60029701	21.25843244
TAG 52:0	23.11790384	22.66547643	23.26222275
TAG 52:1	28.25988078	28.23481784	28.96815587
TAG 52:2	31.29225555	31.18379877	31.65735799
TAG 52:3	32.11046377	31.91036195	32.31097818
TAG 52:4	32.09130409	31.86281025	32.17861786
TAG 52:5	29.3491875	29.35374826	29.56950871
TAG 52:6	25.04415339	25.6609781	24.98571906
TAG 54:0	22.92981877	21.91787053	22.87302874
TAG 54:1	26.78442812	26.79560678	27.60904633
TAG 54:2	29.52358188	29.54813325	30.16723385
TAG 54:3	31.36759964	31.22634321	31.70930902
TAG 54:4	31.97494427	31.67870851	32.23931963
TAG 54:5	32.22930873	32.11937947	32.41052914
TAG 54:7	28.94810918	28.78089558	29.1568637

Rice CRISPR-Cas9 Data	gpat	gpat	gpat
TAG 54:8	24.97575366	25.34144956	24.92697406
TAG 56:0	20.69903023	20.05459731	20.64978589
TAG 56:1	25.04039705	24.86119456	25.75675013
TAG 56:2	27.97131002	27.99820076	28.67997561
TAG 56:3	28.51984226	28.56732088	29.10239791
TAG 56:4	28.54838211	28.59033771	28.84182499
TAG 56:5	27.3680975	27.31029365	27.48015278
TAG 56:6	24.5272265	24.49062678	24.90760601
TAG 58:0	19.08884201	18.11795861	19.02420695
TAG 58:1	24.72532266	24.48247069	25.43431698
TAG 58:2	26.96739631	27.07031688	27.53155993
TAG 58:3	26.63273747	26.67129459	27.24182737
TAG 58:4	26.92252963	27.10331933	27.23287366
TAG 58:5	24.26712107	24.16851283	24.65272165
TAG 60:1	22.65361077	22.33582337	23.62510258
TAG 60:2	26.243626	26.03333108	26.99039051
TAG 60:4	27.15239698	27.25163322	27.5671988
TAG 60:5	23.62857901	23.9797677	24.33418888
TAG 60:6	20.51445618	20.50186584	21.75091741
LysoPC 16:0	27.29904351	27.94117443	28.15086432
LysoPC 16:1	18.893198	19.13295805	19.73942382
LysoPC 18:0	22.02557235	22.29064915	22.99953589
LysoPC 18:1	24.55290455	24.8811514	25.70996339
LysoPC 18:2	26.74964503	27.4969034	27.66599299
LysoPC 18:3	21.08365141	21.98927299	21.81239362

Citrus Primary Met. Raw Data	Control-0d-1	Control-0d-2	Control-0d-3	Control-0d-4	Control-0d-5
Glyceric acid	296915	334435	314050	297743	344183
Quinic acid	144142465	159835214	177050543	165521067	191107859
Inositol 6 Phosphate	637735	812745	1083660	793149	902784
Glucose 6 Phosphate	252243	228016	300219	237469	240048
Arabino hexaric acid	13356130	15331546	19597551	16173965	19918720
Ornithine	38925893	40518290	43303806	41038809	44384586
Arginine	18748582	20559727	22554021	21126799	22968953
Glutamine	25904	22631	26793	14184	16340
Sucrose	2793783605	3158365748	3355359189	3193939134	3393802935
Fumaric acid	307199	305629	416697	421478	467806
Isoleucine	750512	591821	651174	561422	609560
Glycine (3TMS)	5623154	4296050	4567148	4762314	4870466
Alanine	24172090	19603418	21215346	19873694	19346455
Lactic acid	6174884	7802292	6358768	4859106	8644698
Gluconic acid	3206817	3207331	3573866	3350311	3443742
Glycerol 3 Phosphate (4TMS)	1996763	2165678	918	2202144	2640650
Aspartic acid	17234113	13817347	16860473	13416899	16062776
Beta lactose	399492	403323	572830	511920	572793
Phosphoric acid	28469370	27124973	26241090	26732428	34481862
Pyroglutamic acid	39116397	37371541	47129322	41366944	48979646
Maltose	5998586	7126203	8243317	7278771	8343547
Ethanolamine	42097684	36289952	37510077	38086585	38297300
Leucine	1134500	736737	801814	753198	820080
Hydroxyproline	227877	187764	198435	211946	174260
Myo inositol	239519410	278908927	318803520	293897224	327910053
Serine (3TMS)	15868594	12276467	14016062	12644460	12621296
Methyl proline	159781997	151910225	165823666	156226316	165992471
Serine_o	9755576	8392306	8443879	8996729	8530538
Proline (2TMS)	343493437	267597759	303157271	273938408	262294507
Stearic acid	702562	662166	746742	695636	923115
Malic acid	26201197	26359090	29761371	28444191	29418362
Tryptophan	686990	1106973	1966104	1337674	1660318
Tartaric acid	11400834	11611260	12428413	12186713	12978475
Asparagine (4TMS)	251020	115527	175430	102570	153127
Threonine	974968	822262	886687	864286	869658
Malic acid_2_ methyl	42901	40157	40550	40453	45030
Putrescine	147249880	134091128	144851933	138174415	157471098
Guanidine	13656	26416	5088	23381	15158
Fructose	1975783524	2160006751	2375068162	2177024827	2371911091
Phenylalanine	518837	425435	529267	361233	415831
Pantetheine	1143380	957647	970862	933056	1065204
Lysine	1502704	1667782	1869387	1956961	2171637
Gaba	4822761	4619186	5059068	5055856	4775449
Spermidine (6TMS)	141369	190821	230696	337720	343094
Proline (TMS)	1054257842	1055845026	1081736356	1159352424	1146597149
Citric acid	13243658	14121874	17108863	14439246	17195730
Succinic acid	623168	520159	559418	558159	556674
Alanine beta	308376	285852	275856	270437	294783
Methionine	501776	320178	346779	358897	408480

Citrus Primary Met. Raw Data	Control-0d-1	Control-0d-2	Control-0d-3	Control-0d-4	Control-0d-5
Fucose	11878711	11475971	12087912	12095633	13075493
Fructose 6 phosphate	123266	61480	158339	206572	171221
Tyrosine (3TMS)	418576	509625	514777	483667	556283
Benzoic acid	762793	694541	780625	623983	663552
Tyramine (3TMS)	60160	78280	66314	74811	64896
Valine	2987388	2496469	2562832	2383987	2398239
Glutamic acid	24822903	21186165	24433107	16860967	19908445
Tyrosine (2TMS)	421090	332522	376178	377597	387931
Ascorbic acid	1570696	1827294	1989592	1692937	1859182
Asparagine (3TMS)	46850146	44778688	53390900	37072792	51101986
Nicotinic acid	157356	147008	82638	197832	111996
Pyruvic acid	437436	356982	350371	312766	367903
Beta glucopyranose	4094086	4518915	5381473	4573458	5404875
Ornithine (3TMS)	24574	11341	186619	133644	17532
Serine (2TMS)	24753894	21637681	22811225	23452825	24058638
Erythritol	1177903	1018379	1129639	1200109	1152154
Glucopyranoside	8464833	88495161	10982434	228469989	100857446
Adenine	5487	17244	29173	8342	22639
Ribitol	162087035	158855520	161374959	165129613	175679215
Histidine	212967	233138	394773	299265	348621
Glucose	438237311	460085908	501051333	478803633	514108605
Homoserine	300859	222514	260723	255269	311723
Palmitic acid	1290583	1198803	1347491	1270196	1546775
Isocitric acid	25386565	27346556	30023338	29166110	29958669
Glycerol	2046736	1776013	1842539	1664164	2057847
Fructose2	1468294473	1646079454	1818354034	1665531110	1825761119
Galacturonic acid	5101786	6462083	9056381	6945706	7920993
Trehalose alph alph	485628	1863363	717478	727887	2114176

Citrus Primary Met. Raw Data	Control-7d-1	Control-7d-2	Control-7d-3	Control-7d-4	Control-7d-5
Glyceric acid	266931	244449	341944	301592	294625
Quinic acid	149570098	136898831	168487438	154816372	162536907
Inositol 6 Phosphate	743394	695572	818455	690914	597171
Glucose 6 Phosphate	191350	263429	297050	339792	334276
Arabino hexaric acid	19060881	16014838	19340894	17267870	17716377
Ornithine	36443657	34141741	39002950	37163617	39244152
Arginine	19196039	17610671	19636420	18830809	20305586
Glutamine	20898	21550	33700	41958	14110
Sucrose	2768704908	2630867798	2686166429	2682713725	2716924470
Fumaric acid	364612	341878	433420	462247	486418
Isoleucine	606815	644096	684619	607773	659114
Glycine (3TMS)	3821779	3250427	4756469	4688982	4311853
Alanine	26292897	26885371	30324332	29499746	28581590
Lactic acid	4144435	4827075	10739763	7148837	13028003
Gluconic acid	3305043	3225645	4267872	3884131	4100546
Glycerol 3 Phosphate (4TMS)	2017750	1891540	2327558	2161415	2251509
Aspartic acid	16331030	17772961	17538993	13382244	15609437
Beta lactose	631952	615238	693471	604806	683133
Phosphoric acid	26260530	22047543	31849530	30860973	28093556
Pyroglutamic acid	37598529	38063833	54718735	50931729	55323668
Maltose	8063339	7189744	8624760	7485288	7522322
Ethanolamine	33771977	30619649	50440936	46100878	44703662
Leucine	773530	778246	834899	803209	717457
Hydroxyproline	138462	173315	134682	166451	169136
Myo inositol	264493584	228589135	281301976	248505207	258417882
Serine (3TMS)	10875892	13177311	11028079	10142463	10323870
Methyl proline	151724021	150673390	218861786	209758968	209021461
Serine_o	7362747	6205122	9316263	8986695	9784563
Proline (2TMS)	368860559	489016814	365810680	359876035	326993102
Stearic acid	815967	624629	826907	657530	708912
Malic acid	13572491	12840986	19608415	16495100	18476614
Tryptophan	1884641	1549195	1977187	1369818	1612492
Tartaric acid	11719088	10718674	14170638	13260216	14450035
Asparagine (4TMS)	107407	77000	79259	59813	79878
Threonine	765872	978495	835865	803415	732450
Malic acid_2_ methyl	49910	61068	60825	59417	36111
Putrescine	151533593	139422584	201421472	188281630	191850023
Guanidine	17979	28690	25398	23445	27120
Fructose	1923690026	1800403573	2096245964	1996555820	2126583213
Phenylalanine	532539	587529	555311	467297	529069
Pantetheine	1002243	788286	1249254	1001326	1037059
Lysine	2027093	1447034	941671	1544497	1023742
Gaba	3698280	3441017	4599980	4277260	4813521
Spermidine (6TMS)	276011	319746	330737	220858	328897
Proline (TMS)	1087863062	933162943	1538807751	1551420897	1490529351
Citric acid	18849195	17369024	19244413	16663197	17173773
Succinic acid	479932	456365	713423	649994	621014
Alanine beta	315141	287685	431569	425950	438707
Methionine	477910	404016	474663	457889	551766

Citrus Primary Met. Raw Data	Control-7d-1	Control-7d-2	Control-7d-3	Control-7d-4	Control-7d-5
Fucose	11941339	10560977	14755987	14052133	14036514
Fructose 6 phosphate	102850	273533	58730	244621	237960
Tyrosine (3TMS)	424623	408501	440186	415244	375548
Benzoic acid	740965	1001420	741688	893403	774807
Tyramine (3TMS)	62069	81206	78461	74280	74809
Valine	2651126	2669967	3143605	2994078	2952368
Glutamic acid	17895431	16921103	16831366	12685911	14512850
Tyrosine (2TMS)	397206	456829	462279	489651	512825
Ascorbic acid	1439983	1235249	1417168	1155707	1312973
Asparagine (3TMS)	11931060	10094392	11548154	7272934	9826309
Nicotinic acid	145211	138333	179869	96889	205388
Pyruvic acid	444647	293898	404146	388107	355272
Beta glucopyranose	5164303	5068516	5990109	5282723	5491656
Ornithine (3TMS)	144965	140132	7748	20595	168212
Serine (2TMS)	16611495	13797971	25380335	24493571	25937595
Erythritol	965860	868759	1140292	1188760	1142118
Glucopyranoside	99060217	134826554	159211954	129754616	120728913
Adenine	10254	16111	27795	19958	25787
Ribitol	149951191	130694014	165936502	158379280	171057178
Histidine	367527	515640	671046	334990	338693
Glucose	432181425	400892998	440091909	430410453	455827485
Homoserine	269507	215296	321564	310364	380390
Palmitic acid	1230091	1108903	1302192	1218855	1034615
Isocitric acid	24575316	23143613	26795937	25309536	26668043
Glycerol	1600243	1356012	2037378	1839372	1713433
Fructose2	1453134909	1365570808	1604969659	1505572167	1582730741
Galacturonic acid	8600945	8407212	12104405	8559502	9002279
Trehalose alph alph	567718	1847791	2095051	665276	571125

Citrus Primary Met. Raw Data	Control-14d-1	Control-14d-2	Control-14d-3	Control-14d-4	Control-14d-5
Glyceric acid	359613	308949	316572	366880	285255
Quinic acid	147081217	138114065	141101467	143275422	138198375
Inositol 6 Phosphate	63055	102185	121194	88897	42876
Glucose 6 Phosphate	372832	312122	286715	147566	240505
Arabino hexaric acid	22438774	21116794	22193156	24204135	21488648
Ornithine	38701354	36644004	37328218	38958906	36632176
Arginine	19474955	17855383	18979559	18653343	18800244
Glutamine	27005	230399	221772	153824	249571
Sucrose	2667984283	2434470076	2504923779	2522223117	2502370377
Fumaric acid	536870	464693	237445	389862	348880
Isoleucine	552219	752720	692056	837243	709285
Glycine (3TMS)	5594410	5471533	5050739	5970102	4886425
Alanine	27984874	36101214	34259690	36872637	32607434
Lactic acid	9718462	6816398	8963871	7984130	8364402
Gluconic acid	4910503	4594994	4690194	4852792	4430829
Glycerol 3 Phosphate (4TMS)	2035588	1863005	1974279	1982796	1872744
Aspartic acid	18946396	61854157	54761326	64844735	64181625
Beta lactose	704953	636217	852963	783672	787020
Phosphoric acid	27163692	25170666	22379687	41363473	22788567
Pyroglutamic acid	58443323	28228564	30478066	41197870	29429357
Maltose	8041322	7362757	7632049	8122621	7065422
Ethanolamine	51379556	40866041	39942932	42187283	37444436
Leucine	665863	861132	774929	1050434	789555
Hydroxyproline	247943	461601	373551	486667	476941
Myo inositol	269182510	248492986	258780935	276539201	240025615
Serine (3TMS)	8571056	14611209	12788965	14434893	13632691
Methyl proline	192957507	167953698	164000983	170683342	148440959
Serine_o	10779322	9738525	10702339	9104288	9562397
Proline (2TMS)	249784448	519141785	461617545	542734581	470912974
Stearic acid	1028149	1284835	1169856	1228321	1187271
Malic acid	24138118	25125319	23959963	24221902	22880434
Tryptophan	2902957	6352049	7430586	7862581	7235230
Tartaric acid	14440428	14401832	13790298	14370655	13872158
Asparagine (4TMS)	78022	1246635	1166741	892054	1215561
Threonine	902221	1353900	1218680	1457213	1163840
Malic acid_2_ methyl	49848	42307	49521	58651	35067
Putrescine	158646662	131218422	142644229	171220824	139759690
Guanidine	12491	29113	33402	28988	38378
Fructose	2095724534	1977318620	2069110003	2111660097	1982074898
Phenylalanine	435253	895349	869677	982150	841367
Pantetheine	1538584	2412231	2474675	1874658	3187954
Lysine	3406807	3256689	3229978	3614899	2796907
Gaba	5860573	5327890	5633937	5700402	5088298
Spermidine (6TMS)	448512	307291	404712	572674	381645
Proline (TMS)	1266519575	1059312908	1087005737	1070625428	883227525
Citric acid	29340051	31618363	33214600	33145943	33215545
Succinic acid	1022953	889928	998688	1002451	916107
Alanine beta	306350	267073	283822	318481	256457
Methionine	538184	941600	859458	1004236	1012404

Citrus Primary Met. Raw Data	Control-14d-1	Control-14d-2	Control-14d-3	Control-14d-4	Control-14d-5
Fucose	21026537	18982141	19408115	21327255	18718346
Fructose 6 phosphate	94911	74744	226766	88622	148833
Tyrosine (3TMS)	437666	408470	439419	419762	400897
Benzoic acid	613514	978005	953021	982201	947317
Tyramine (3TMS)	80269	61475	80922	86637	74153
Valine	1643282	2007440	1813460	2140119	1839976
Glutamic acid	18066193	65325725	61002237	65722374	62447274
Tyrosine (2TMS)	796197	635437	639631	712183	647326
Ascorbic acid	1273937	1708445	1857691	1790075	1800880
Asparagine (3TMS)	12315146	33774797	29613641	35845869	27048389
Nicotinic acid	188430	222826	117168	280227	167474
Pyruvic acid	652835	509927	517930	384622	440308
Beta glucopyranose	5664068	5138511	5647832	5704502	4990015
Ornithine (3TMS)	248822	756067	767330	726947	811774
Serine (2TMS)	22975999	16794956	17612442	16946146	14110637
Erythritol	1476202	1270424	1245325	1246907	1232634
Glucopyranoside	212268667	172642739	193686350	226405661	172001601
Adenine	36351	17569	8451	30612	20522
Ribitol	206128730	190469462	189917384	195984335	184706014
Histidine	714704	720251	912955	853819	582972
Glucose	432573707	407127318	416334173	427985460	416834563
Homoserine	408347	356701	330137	363758	342510
Palmitic acid	1501126	2085481	1884596	2112134	1822849
Isocitric acid	26062659	24080852	25755258	25907053	24726171
Glycerol	1991306	1751381	1857171	2060040	1600060
Fructose2	1601651145	1475871474	1524105905	1587932979	1460144964
Galacturonic acid	14520382	10410079	13754823	12103102	10716660
Trehalose alph alph	645561	714300	802124	804200	653251

Citrus Primary Met. Raw Data	Control-21d-1	Control-21d-2	Control-21d-3	Control-21d-4	Control-21d-5
Glyceric acid	297909	344003	257095	261393	263921
Quinic acid	119017972	129370153	122389493	122481993	123353791
Inositol 6 Phosphate	43170	75565	90104	26676	140462
Glucose 6 Phosphate	361248	346582	359610	375134	356891
Arabino hexaric acid	22270090	23348719	22123175	22970649	23239638
Ornithine	31896450	32733226	31935763	32135097	32823192
Arginine	16003267	16663339	16121920	16228177	16243706
Glutamine	246088	279370	222044	248927	369421
Sucrose	2099379576	2243972412	2150260134	2157127706	2271191761
Fumaric acid	239288	289824	297056	282272	257403
Isoleucine	665318	761465	770071	704699	800070
Glycine (3TMS)	6566217	8242399	6682884	7340683	7397397
Alanine	30103684	36763040	33050961	32738349	36204190
Lactic acid	6914656	9918798	6923376	7974777	11657997
Gluconic acid	3805893	4549170	3959382	4158175	4047339
Glycerol 3 Phosphate (4TMS)	59346	88545	1661125	1686743	1697995
Aspartic acid	69253133	75300800	79523983	73509478	90059358
Beta lactose	644018	641228	560892	667645	733708
Phosphoric acid	30100577	36620517	32045023	33118277	30940202
Pyroglutamic acid	34166570	41050829	41027136	41669417	39245240
Maltose	6189563	7391215	7058819	7264998	7273075
Ethanolamine	20162694	28449955	24119751	24749000	23181439
Leucine	851995	919064	850798	895506	824318
Hydroxyproline	375632	312341	394021	371211	504413
Myo inositol	273306469	300893161	276147451	297036785	294207916
Serine (3TMS)	17655163	18452568	19414634	17222904	22041001
Methyl proline	114984083	135403415	119776086	118469869	119599331
Serine_o	9515556	10638810	8827160	10054338	9130690
Proline (2TMS)	408771342	437027046	448198963	401664362	540372999
Stearic acid	1417805	1418283	1048092	1383025	1350428
Malic acid	24634776	30578698	27805879	28335664	29766500
Tryptophan	5204439	6751513	5954275	5799687	7079107
Tartaric acid	9087153	10441791	8891287	9370096	9707150
Asparagine (4TMS)	1432539	1743619	1564386	1594454	3066439
Threonine	1373761	1378029	1493121	1405361	1620413
Malic acid_2_methyl	48026	60911	44128	37650	51654
Putrescine	114118651	132754136	116959631	119908961	121974315
Guanidine	34696	28482	39857	36072	31156
Fructose	1669585057	1796176138	1700673288	1723845508	1742829501
Phenylalanine	1340909	1561608	1491634	1487938	1546519
Pantetheine	3276619	2820946	3040330	3061186	2771859
Lysine	2355449	2784313	2381883	2799941	2940838
Gaba	6789033	7872157	6921665	7155831	7302812
Spermidine (6TMS)	190119	304933	320569	263555	264919
Proline (TMS)	778775801	1038605594	795625026	894760497	831404919
Citric acid	31603937	31493229	29724465	30964867	32495450
Succinic acid	412225	523197	414838	469436	463948
Alanine beta	213076	274337	236266	238657	218643
Methionine	1113987	1204145	1027641	1181277	1417650

Citrus Primary Met. Raw Data	Control-21d-1	Control-21d-2	Control-21d-3	Control-21d-4	Control-21d-5
Fucose	17662280	22031818	19242723	20456158	20309111
Fructose 6 phosphate	220727	169915	258401	252065	162855
Tyrosine (3TMS)	474709	326694	476573	481825	459436
Benzoic acid	764131	747072	935081	840269	1019846
Tyramine (3TMS)	62756	67208	74174	60603	85174
Valine	1613444	1851624	1755552	1681320	1765326
Glutamic acid	75112300	86441730	79511874	80601647	87229001
Tyrosine (2TMS)	613794	733337	573112	688419	649563
Ascorbic acid	1305765	1503613	1421285	1394162	1527169
Asparagine (3TMS)	52428023	60526311	50230100	53464000	64950627
Nicotinic acid	96013	55775	125831	231276	133392
Pyruvic acid	405021	520564	390415	437438	436762
Beta glucopyranose	6204849	6891003	6319385	6413178	6380988
Ornithine (3TMS)	524947	716714	564821	637179	880378
Serine (2TMS)	18305619	24932416	19187578	21099204	19919884
Erythritol	1145315	1216551	1194017	1212512	1204156
Glucopyranoside	294092428	347400192	310870752	332360725	337685607
Adenine	9208	18658	16725	8884	27341
Ribitol	189545215	202757378	174145268	203841720	183311028
Histidine	954007	969420	1076729	1015688	747790
Glucose	360792536	379608997	365533046	378661649	378819154
Homoserine	324329	380044	305490	348547	297511
Palmitic acid	2652584	2483764	1650451	2176110	2079758
Isocitric acid	20753593	22835095	21589389	21901958	21604452
Glycerol	1166928	1831519	1409842	1528597	1464921
Fructose2	1224633350	1315909704	1250464380	1267323170	1276172479
Galacturonic acid	6918661	8760680	7108839	7067570	7771679
Trehalose alph alph	1314104	755381	797794	740325	774239

Citrus Primary Met. Raw Data	Control-28d-1	Control-28d-2	Control-28d-3	Control-28d-4	Control-28d-5
Glyceric acid	344373	375699	378112	413233	383252
Quinic acid	511104822	483703971	481767486	505048862	266855660
Inositol 6 Phosphate	84089	81134	64661	66172	101634
Glucose 6 Phosphate	364618	339035	296614	419677	235634
Arabino hexaric acid	32442303	32036023	28946091	35111554	19365358
Ornithine	37583021	36034517	35993030	41040460	43307261
Arginine	19356797	18250403	18091620	18836853	21712071
Glutamine	822418	933296	833127	1175492	153674
Sucrose	1766437217	1750087890	1722773892	1799143754	2476989438
Fumaric acid	534030	511209	488214	476806	265741
Isoleucine	1214145	1124447	1259117	1149040	801679
Glycine (3TMS)	4735986	5125869	5439789	5501717	5128685
Alanine	31914479	32100643	33258497	35363668	31710401
Lactic acid	8066637	9321436	8618793	8578824	10646194
Gluconic acid	4856998	4796511	4725756	5204109	4499613
Glycerol 3 Phosphate (4TMS)	6413730	6077563	6175769	6421160	3400832
Aspartic acid	57172751	60571135	59022726	61085105	60868391
Beta lactose	1401810	1355020	1305197	1404218	626437
Phosphoric acid	26327515	29756474	30418696	31268747	42903190
Pyroglutamic acid	48829396	49110062	46663522	46743473	35220905
Maltose	7089008	7393183	6987606	7626450	6729004
Ethanolamine	77843083	82083261	85572517	92571345	34689131
Leucine	1276195	1208411	1342090	1315223	1081452
Hydroxyproline	453825	418188	425596	434160	312510
Myo inositol	323159556	321982281	307413131	338453567	258769040
Serine (3TMS)	24868581	26894336	26024858	26439338	18708161
Methyl proline	279414352	279869568	292843980	323077684	155949904
Serine_o	9581760	10802666	9994601	11645595	10229710
Proline (2TMS)	713235468	724997546	707776483	707652574	506460390
Stearic acid	1395632	1410439	1261550	1541975	981171
Malic acid	29135381	28011233	29113986	31936536	28073345
Tryptophan	12585012	11855051	12309129	14356294	4779771
Tartaric acid	30684665	30994163	31179162	34859852	19912215
Asparagine (4TMS)	2793718	4414894	3650255	4292270	1276452
Threonine	1288310	1495489	1424462	1425833	1325780
Malic acid_2_ methyl	97676	122840	114411	135898	65732
Putrescine	251753029	251945492	249184687	274883996	217437822
Guanidine	38339	40310	39240	19455	18860
Fructose	1979930673	1919989655	1925428985	2027412962	2253287627
Phenylalanine	845363	969695	989183	932216	1382158
Pantetheine	2551857	2885593	3111168	3094113	2293835
Lysine	4819457	4661775	4927017	5089950	2326934
Gaba	6681512	6702258	7053407	7705151	4209148
Spermidine (6TMS)	619119	538486	583869	556539	408374
Proline (TMS)	1177352752	1189035901	1223364351	1416301174	1016984227
Citric acid	45469927	44449329	42453480	47787415	20027430
Succinic acid	292581	295697	276713	314668	703017
Alanine beta	390826	448722	453622	492981	307586
Methionine	1023397	1174364	1250936	1166401	751766

Citrus Primary Met. Raw Data	Control-28d-1	Control-28d-2	Control-28d-3	Control-28d-4	Control-28d-5
Fucose	14805071	15065644	15155258	17177172	14767422
Fructose 6 phosphate	87779	121990	99507	126529	79177
Tyrosine (3TMS)	466396	441994	469253	529861	412845
Benzoic acid	1397899	1315140	1312439	1368169	959585
Tyramine (3TMS)	73367	88975	85938	73084	96953
Valine	2648243	2805158	2788858	2855084	3285591
Glutamic acid	77836635	83411468	79698819	89206704	54637786
Tyrosine (2TMS)	743471	759711	859165	871715	445210
Ascorbic acid	1743504	1741711	1710619	1877549	1868477
Asparagine (3TMS)	105886122	124241951	111954161	125968052	36967729
Nicotinic acid	179998	148703	238369	194897	115198
Pyruvic acid	329877	405404	390012	410302	301700
Beta glucopyranose	7543782	7122167	7411999	7639880	7650472
Ornithine (3TMS)	1452110	1427547	1471872	1531401	617153
Serine (2TMS)	24894364	25491685	27204874	30466613	22705686
Erythritol	1256054	1249770	1234747	1432254	1239798
Glucopyranoside	209296581	193030048	197828915	218670475	146281406
Adenine	45529	44693	50559	49232	33858
Ribitol	179094951	184195153	183001829	207325346	186575699
Histidine	672238	602596	653621	725792	416424
Glucose	426973991	418319073	390476917	423700951	475154441
Homoserine	370909	364093	350073	438363	309672
Palmitic acid	2227999	2086797	2088784	2421183	1757009
Isocitric acid	25830410	24937446	23706994	25969268	27759928
Glycerol	1309400	1423378	1493797	1545898	2145686
Fructose2	1441061923	1460857456	1432519966	1507358688	1680442749
Galacturonic acid	11327046	10636814	11282845	11652560	7111355
Trehalose alph alph	659239	597994	618408	694276	442719

Citrus Primary Met. Raw Data	Treatment d-7d-1	Treatment d-7d-2	Treatment d-7d-3	Treatment d-7d-4
Glyceric acid	425624	287771	327485	256381
Quinic acid	484981225	272049950	295091857	255837964
Inositol 6 Phosphate	90451	795682	880492	62522
Glucose 6 Phosphate	310623	345360	335610	394241
Arabino hexaric acid	27745356	17874539	18646368	16160540
Ornithine	35529002	42032281	41541689	39696012
Arginine	18382235	21938619	21796345	20485528
Glutamine	759014	153962	124536	133448
Sucrose	1682654805	2570608306	2640713748	2578494721
Fumaric acid	505555	278245	308951	302351
Isoleucine	1184229	831952	824179	766587
Glycine (3TMS)	5500654	4853258	5239284	4077904
Alanine	32604004	32927860	34784374	27997294
Lactic acid	8942712	14571213	10974571	12728998
Gluconic acid	4634459	4381481	4797874	4155954
Glycerol 3 Phosphate (4TMS)	5962980	3670451	3926621	3522249
Aspartic acid	59069639	60138418	62157682	55250597
Beta lactose	1340904	635793	738808	622696
Phosphoric acid	30891509	32524607	35702051	29363270
Pyroglutamic acid	50220255	35980703	43041419	32774593
Maltose	7035865	7114068	7489395	7149091
Ethanolamine	82871985	35007151	40933118	32826933
Leucine	1246667	886919	1055810	917936
Hydroxyproline	436971	271776	280019	270132
Myo inositol	314879958	264873864	269344456	252196981
Serine (3TMS)	25348518	19970779	21564112	19525221
Methyl proline	283889126	160694414	168392103	142294374
Serine_o	11057064	10871297	10218591	9834967
Proline (2TMS)	701904839	561410290	606320529	552043156
Stearic acid	982029	861207	1049423	983422
Malic acid	29380290	28469893	34652178	23938788
Tryptophan	10644765	4586510	4925450	4465079
Tartaric acid	31526836	19517456	22801732	18100570
Asparagine (4TMS)	3329556	1116929	936837	1085491
Threonine	1505797	1386415	1428567	1289964
Malic acid_2_ methyl	108706	47063	89983	64701
Putrescine	251315885	207883360	224394372	183130563
Guanidine	46847	33568	37930	40245
Fructose	1935173068	2311059957	2272204367	2169632762
Phenylalanine	960374	1370186	1476442	1352129
Pantetheine	3162230	2253600	2078828	2304411
Lysine	4787956	1117538	2617206	792675
Gaba	7146389	4455491	4550363	3972530
Spermidine (6TMS)	453295	303748	313721	274496
Proline (TMS)	1198888830	1092891069	1210774153	909564095
Citric acid	39652351	18864504	16509790	14720865
Succinic acid	295805	742582	774013	697187
Alanine beta	501220	302965	354530	317100
Methionine	1119663	762497	775907	700191

Citrus Primary Met. Raw Data	Treatment d-7d-1	Treatment d-7d-2	Treatment d-7d-3	Treatment d-7d-4
Fucose	15441310	15088534	16071387	13846829
Fructose 6 phosphate	113217	170970	211334	188073
Tyrosine (3TMS)	507099	433688	423211	424875
Benzoic acid	1145181	809211	942984	854676
Tyramine (3TMS)	75420	116343	103603	104923
Valine	2776364	3396851	3610691	3109331
Glutamic acid	77448765	52067778	56290603	49354425
Tyrosine (2TMS)	725905	469629	451440	466018
Ascorbic acid	1550166	1855627	1813822	1720919
Asparagine (3TMS)	106378954	33339173	28270060	24098809
Nicotinic acid	302953	134281	166439	170657
Pyruvic acid	374432	368714	350791	344409
Beta glucopyranose	7203568	8234363	8744602	7588594
Ornithine (3TMS)	1264917	490848	574726	469131
Serine (2TMS)	26361445	23811491	25540503	19289820
Erythritol	1244664	1327426	1202207	1183694
Glucopyranoside	201292766	146045645	160688300	126930631
Adenine	44314	41745	21995	24162
Ribitol	191508171	196245894	184864225	188002232
Histidine	488983	459002	745464	746730
Glucose	398430527	467236212	452500456	456138242
Homoserine	380061	329283	308960	256273
Palmitic acid	1681568	1544049	1712612	1828679
Isocitric acid	23701224	28091804	27583777	26584733
Glycerol	1511653	1491603	1715667	1308901
Fructose2	1439007432	1719754097	1675496370	1586899302
Galacturonic acid	10244884	7681894	9150315	7535899
Trehalose alph alph	1381805	680486	780762	611157

Citrus Primary Met. Raw Data	Treatment d-7d-5	Treatment d-14d-1	Treatment d-14d-2
Glyceric acid	283678	235459	206420
Quinic acid	261194580	110695358	89499702
Inositol 6 Phosphate	730213	109151	68413
Glucose 6 Phosphate	334047	255326	285345
Arabino hexaric acid	15532242	16866367	14756320
Ornithine	38438212	37146614	30342675
Arginine	21151863	18247878	16006400
Glutamine	143302	223644	226274
Sucrose	2608227719	2574635998	2491468423
Fumaric acid	313096	251880	208651
Isoleucine	794687	820327	617618
Glycine (3TMS)	5083897	7008855	15069851
Alanine	31861967	37405251	25596587
Lactic acid	10442183	1960830	950831
Gluconic acid	4322019	3842644	2985375
Glycerol 3 Phosphate (4TMS)	3214721	1626727	1241583
Aspartic acid	54012390	68595444	64255818
Beta lactose	609795	645116	534481
Phosphoric acid	33068052	24803478	18129518
Pyroglutamic acid	37737151	20578061	13409256
Maltose	7148436	6596687	6508375
Ethanolamine	35968429	36528073	21079357
Leucine	914193	987119	753605
Hydroxyproline	279842	499231	450562
Myo inositol	245064194	261545088	222465730
Serine (3TMS)	19326974	23380838	22907147
Methyl proline	148937276	151040821	103673389
Serine_o	10089514	10224565	5836413
Proline (2TMS)	524971124	662956727	624973909
Stearic acid	1300024	897018	918313
Malic acid	24543544	26470381	15825184
Tryptophan	4123392	4506058	3378493
Tartaric acid	18547431	14013269	9363349
Asparagine (4TMS)	922727	1978619	2297376
Threonine	1322836	1568214	1425825
Malic acid_2_ methyl	57836	71146	39867
Putrescine	182283100	162598137	107464223
Guanidine	23190	36218	48043
Fructose	2200854375	1895178725	1608168740
Phenylalanine	1387675	1277872	924864
Pantetheine	2367312	2370382	1509716
Lysine	602963	2672102	2138429
Gaba	4085886	6311236	4520348
Spermidine (6TMS)	202538	259926	302380
Proline (TMS)	984926942	984995315	504838441
Citric acid	14863931	22009019	18835206
Succinic acid	686093	876322	540393
Alanine beta	281900	282493	177680
Methionine	686008	823690	888692

Citrus Primary Met. Raw Data	Treatment d-7d-5	Treatment d-14d-1	Treatment d-14d-2
Fucose	14299103	18197214	12509337
Fructose 6 phosphate	225363	192021	128966
Tyrosine (3TMS)	342459	480037	341435
Benzoic acid	785074	1333291	1028741
Tyramine (3TMS)	89478	62735	51756
Valine	3315747	2184721	1593494
Glutamic acid	49605762	58497567	40491322
Tyrosine (2TMS)	452809	631055	428769
Ascorbic acid	1621519	1962560	1571087
Asparagine (3TMS)	26031132	59865353	46662177
Nicotinic acid	112295	133848	77188
Pyruvic acid	352192	463065	315828
Beta glucopyranose	7850103	6465074	5322977
Ornithine (3TMS)	492225	775053	750168
Serine (2TMS)	22129984	21224566	10253010
Erythritol	1231720	1259102	778008
Glucopyranoside	141702403	203160225	158591654
Adenine	33377	6964	16339
Ribitol	179943043	179749744	125451633
Histidine	622193	577759	462442
Glucose	443273871	401791772	371607956
Homoserine	271049	320915	255176
Palmitic acid	2155621	1586081	1597653
Isocitric acid	27036173	23125237	20386566
Glycerol	1683876	1240712	821054
Fructose2	1608467234	1358198427	1156207685
Galacturonic acid	7926458	7164831	6022933
Trehalose alph alph	681938	566257	578449

Citrus Primary Met. Raw Data	Treatment d-14d-3	Treatment d-14d-4	Treatment d-14d-5
Glyceric acid	231727	224154	185977
Quinic acid	112490772	112110468	93359742
Inositol 6 Phosphate	476121	87341	52238
Glucose 6 Phosphate	356280	255595	277219
Arabino hexaric acid	16972278	17090252	14563134
Ornithine	34887928	36887937	31924701
Arginine	18064831	18284348	17741250
Glutamine	248415	223257	184372
Sucrose	2557013907	2600272232	2412532211
Fumaric acid	213010	244460	228596
Isoleucine	684671	639503	576653
Glycine (3TMS)	5546200	6110440	4843667
Alanine	30137460	30840517	26900425
Lactic acid	1821280	1584590	1843413
Gluconic acid	3839173	3585733	3174979
Glycerol 3 Phosphate (4TMS)	1567843	1522446	1455513
Aspartic acid	57246198	55045301	51675858
Beta lactose	569671	629466	566304
Phosphoric acid	21802063	23413334	18161300
Pyroglutamic acid	18323464	18862560	16958768
Maltose	6457295	6614496	5815361
Ethanolamine	29338958	30914462	23879126
Leucine	763696	687391	645718
Hydroxyproline	393316	432337	357615
Myo inositol	260326195	268137313	231722067
Serine (3TMS)	17727909	17072202	16595306
Methyl proline	147034518	146181141	127344139
Serine_o	8502661	9826653	8061810
Proline (2TMS)	530928632	512007297	492650023
Stearic acid	904962	1300761	973717
Malic acid	23103205	23231630	19062072
Tryptophan	4727482	4338076	3604593
Tartaric acid	12882837	12392697	10254286
Asparagine (4TMS)	1556467	1470050	1574636
Threonine	1247390	1244151	1105766
Malic acid_2_ methyl	49739	56699	49227
Putrescine	150673007	156763674	120972638
Guanidine	27242	11236	35384
Fructose	2008087371	1979117024	1734097943
Phenylalanine	1067256	1124537	1006375
Pantetheine	1964403	2226584	1932856
Lysine	2279106	2186714	1747836
Gaba	5644686	6010299	5051030
Spermidine (6TMS)	386429	300022	281182
Proline (TMS)	934890956	992214170	755742168
Citric acid	21959906	21125803	19304942
Succinic acid	824171	763909	708283
Alanine beta	245948	255102	218111
Methionine	743241	702427	694321

Citrus Primary Met. Raw Data	Treatment d-14d-3	Treatment d-14d-4	Treatment d-14d-5
Fucose	16848317	16580210	14640885
Fructose 6 phosphate	142557	137166	31832
Tyrosine (3TMS)	431262	455384	384835
Benzoic acid	919763	980656	961436
Tyramine (3TMS)	51196	62494	52755
Valine	1766814	1868001	1537084
Glutamic acid	49812102	51697754	41401858
Tyrosine (2TMS)	634368	558056	530125
Ascorbic acid	1906104	1795061	1718529
Asparagine (3TMS)	47989117	48172217	38849073
Nicotinic acid	52112	116398	92157
Pyruvic acid	340423	342545	267051
Beta glucopyranose	6527260	6476326	5536875
Ornithine (3TMS)	673268	616997	539746
Serine (2TMS)	18342242	19377608	14883937
Erythritol	1064083	1045495	913259
Glucopyranoside	205455526	194879615	175397151
Adenine	19487	23138	16308
Ribitol	171388007	168927477	151664138
Histidine	510118	524654	472598
Glucose	406989563	405115090	374717482
Homoserine	302108	278159	261005
Palmitic acid	1632896	1789195	1751784
Isocitric acid	23886439	24014820	21332905
Glycerol	1009622	1051240	978341
Fructose2	1437385739	1434732330	1274363358
Galacturonic acid	7381346	7177830	6174248
Trehalose alph alph	468252	532680	483032

Citrus Primary Met. Raw Data	Treatment d-21d-1	Treatment d-21d-2	Treatment d-21d-3
Glyceric acid	287608	284457	255286
Quinic acid	83417593	88655542	81801160
Inositol 6 Phosphate	80052	19295	52686
Glucose 6 Phosphate	203320	254152	270995
Arabino hexaric acid	16856257	18942389	15819441
Ornithine	34579838	36586300	32845517
Arginine	17713081	17445555	16462487
Glutamine	169664	202782	172016
Sucrose	2464582820	2687010169	2468632866
Fumaric acid	193487	358154	181531
Isoleucine	588852	677735	579357
Glycine (3TMS)	5479198	6237764	5175232
Alanine	24071482	27419813	24414898
Lactic acid	2147093	2426735	2261474
Gluconic acid	3884767	4347330	3598581
Glycerol 3 Phosphate (4TMS)	1282795	1306233	1159877
Aspartic acid	56124480	70398854	55639148
Beta lactose	586721	738882	646852
Phosphoric acid	23489872	26718901	22535330
Pyroglutamic acid	24775467	29472142	24542764
Maltose	6761757	6969552	6263660
Ethanolamine	37269282	40719637	34881969
Leucine	627320	740568	675465
Hydroxyproline	545826	593713	560576
Myo inositol	248842459	271863799	226979464
Serine (3TMS)	13391027	15144435	13332471
Methyl proline	142564548	157628488	138512523
Serine_o	9466131	10617632	8939235
Proline (2TMS)	496601893	526614127	492388262
Stearic acid	727239	1195831	813710
Malic acid	20314929	23468248	17563621
Tryptophan	5295890	6647812	5610264
Tartaric acid	11852563	12969427	11274207
Asparagine (4TMS)	1240986	1965143	1619129
Threonine	1139639	1189072	1167445
Malic acid_2_ methyl	43286	54192	41950
Putrescine	129266207	127246334	114484428
Guanidine	35109	24210	31911
Fructose	1912196639	1971488847	1795116451
Phenylalanine	727653	951124	856413
Pantetheine	1872312	2246776	2128263
Lysine	2419676	3105715	2518238
Gaba	5724628	6604407	5691429
Spermidine (6TMS)	282206	348679	381631
Proline (TMS)	987383356	1120461073	944937664
Citric acid	25533402	25180726	22276348
Succinic acid	576216	607717	530520
Alanine beta	205457	252907	248625
Methionine	554265	789473	605682

Citrus Primary Met. Raw Data	Treatment d-21d-1	Treatment d-21d-2	Treatment d-21d-3
Fucose	18563682	20112719	16711328
Fructose 6 phosphate	65806	92510	108605
Tyrosine (3TMS)	400337	471184	376017
Benzoic acid	1043926	1004033	965321
Tyramine (3TMS)	48305	49145	44230
Valine	1350691	1505438	1302407
Glutamic acid	68680661	89097781	71007984
Tyrosine (2TMS)	667154	430647	757226
Ascorbic acid	1716427	1751765	1557494
Asparagine (3TMS)	34700678	59104055	37891339
Nicotinic acid	147896	179201	77302
Pyruvic acid	375655	337653	368480
Beta glucopyranose	5046284	5968143	4793138
Ornithine (3TMS)	751443	1070137	767425
Serine (2TMS)	15580087	18572579	15019860
Erythritol	1061949	1168598	1027930
Glucopyranoside	248141052	346742108	228295237
Adenine	31679	17420	17861
Ribitol	171864453	185910404	163834692
Histidine	1050322	1168374	929026
Glucose	390713226	382883000	360842487
Homoserine	255019	303609	278251
Palmitic acid	1561317	2117113	1617233
Isocitric acid	23077161	24173846	22008324
Glycerol	1688406	1840042	1520162
Fructose2	1350793155	1387362490	1276147772
Galacturonic acid	7725025	9116585	7368791
Trehalose alph alph	683115	685626	549040

Citrus Primary Met. Raw Data	Treatment d-21d-4	Treatment d-21d-5	Treatment d-28d-1
Glyceric acid	207342	206476	202091
Quinic acid	77535321	66252938	74574284
Inositol 6 Phosphate	40773	65950	120137
Glucose 6 Phosphate	245935	238212	181353
Arabino hexaric acid	15493339	12773585	17996559
Ornithine	33493218	30359276	28501084
Arginine	16737951	1205726	13329722
Glutamine	198937	183407	392690
Sucrose	2447924462	2436213378	1897361403
Fumaric acid	233622	175889	240308
Isoleucine	590341	614362	808124
Glycine (3TMS)	4950667	4662805	6809866
Alanine	21965360	22312193	27170895
Lactic acid	3192317	2417459	3789593
Gluconic acid	3657035	3106348	4099798
Glycerol 3 Phosphate (4TMS)	1087425	950748	1067398
Aspartic acid	55363825	60020654	80961411
Beta lactose	648459	567109	755223
Phosphoric acid	19937657	18660984	20412881
Pyroglutamic acid	22347659	22137960	25181513
Maltose	6607047	6515035	6220475
Ethanolamine	33913383	30392878	28762229
Leucine	599408	676980	775816
Hydroxyproline	484405	624235	775394
Myo inositol	246208385	209040697	264980231
Serine (3TMS)	13142804	16207543	17132144
Methyl proline	124543249	120385478	140535875
Serine_o	8973901	7321293	7922021
Proline (2TMS)	444184088	579950711	462780772
Stearic acid	1242955	1016526	1157113
Malic acid	16462056	14856471	22493241
Tryptophan	6487028	4969110	6366655
Tartaric acid	10632061	9028215	9866420
Asparagine (4TMS)	1955909	1989034	3355190
Threonine	1142281	1173476	1436143
Malic acid_2_ methyl	46688	26650	27353
Putrescine	125065924	97868718	86080608
Guanidine	37274	32852	38220
Fructose	1838211813	1626527622	1529272337
Phenylalanine	858623	761837	1234331
Pantetheine	2184232	1802383	2330933
Lysine	2889310	1974598	3920996
Gaba	5487317	4981607	7591005
Spermidine (6TMS)	250427	281673	336844
Proline (TMS)	836917176	660655612	613784787
Citric acid	19752443	18268275	30812520
Succinic acid	527229	460344	291519
Alanine beta	192801	178128	292155
Methionine	650570	614466	1008485

Citrus Primary Met. Raw Data	Treatment d-21d-4	Treatment d-21d-5	Treatment d-28d-1
Fucose	17163451	15011112	15447653
Fructose 6 phosphate	174980	108266	79006
Tyrosine (3TMS)	385661	341386	460024
Benzoic acid	901857	1154103	801555
Tyramine (3TMS)	50329	48990	28035
Valine	1262361	1321182	1278473
Glutamic acid	68788551	63940181	70667449
Tyrosine (2TMS)	722215	617207	759956
Ascorbic acid	1643654	1376353	1176385
Asparagine (3TMS)	42207433	32497119	63104645
Nicotinic acid	70917	107462	102505
Pyruvic acid	327491	279927	254287
Beta glucopyranose	5226065	4849152	5632415
Ornithine (3TMS)	1009743	804733	1190257
Serine (2TMS)	13597191	10149147	12746661
Erythritol	1045981	848996	941741
Glucopyranoside	229010903	219140938	398216693
Adenine	7516	17286	42261
Ribitol	181450195	138757958	161109407
Histidine	830507	777821	1103514
Glucose	370693368	337579946	305158306
Homoserine	247961	274585	265312
Palmitic acid	2253793	1846560	1797357
Isocitric acid	22492707	19945076	18452082
Glycerol	1728041	1434632	1249804
Fructose2	1333217488	1187112454	1096693795
Galacturonic acid	7966174	7175866	9572114
Trehalose alph alph	610613	597792	713606

Citrus Primary Met. Raw Data	Treatment d-28d-2	Treatment d-28d-3	Treatment d-28d-4
Glyceric acid	228760	264847	215988
Quinic acid	73730376	86425359	82375929
Inositol 6 Phosphate	129509	77069	51785
Glucose 6 Phosphate	297736	286575	255788
Arabino hexaric acid	19703834	21449045	18067223
Ornithine	30514062	31465336	28927387
Arginine	14207567	15018219	13557307
Glutamine	482619	455000	441439
Sucrose	1961088618	2008648192	1983701880
Fumaric acid	232856	293313	248327
Isoleucine	900160	843043	857421
Glycine (3TMS)	7504825	7797557	6797746
Alanine	31601570	31663853	28930173
Lactic acid	3738741	4073392	3190035
Gluconic acid	4019779	4513617	4090143
Glycerol 3 Phosphate (4TMS)	1027608	1170374	1200682
Aspartic acid	96637567	106840305	94131688
Beta lactose	886935	854550	754275
Phosphoric acid	23405711	26043294	21555756
Pyroglutamic acid	30203080	31023522	27006359
Maltose	7089267	6884226	6275016
Ethanolamine	33478670	36182191	30410388
Leucine	930995	918597	793021
Hydroxyproline	815440	860858	857255
Myo inositol	299708774	304118875	278128638
Serine (3TMS)	18701664	17951339	19022789
Methyl proline	151518858	154845865	136830633
Serine_o	8334215	9109240	8247777
Proline (2TMS)	535687118	526420956	511015297
Stearic acid	1128107	1489287	943750
Malic acid	23338451	30205911	22646271
Tryptophan	8329268	8516438	7205142
Tartaric acid	9629819	12261151	11819519
Asparagine (4TMS)	4230643	4415788	5070053
Threonine	1649549	1576525	1554410
Malic acid_2_ methyl	34339	43064	42967
Putrescine	97638567	97786753	89282734
Guanidine	34875	53817	52509
Fructose	1629473783	1683477174	1540696794
Phenylalanine	1639861	1623163	1286496
Pantetheine	2282708	2582286	2351499
Lysine	4176777	4007913	3924752
Gaba	8433627	8579636	7839490
Spermidine (6TMS)	358056	416426	324735
Proline (TMS)	690676079	740272076	555470487
Citric acid	33317831	34190820	34092368
Succinic acid	318689	288896	235554
Alanine beta	305124	323472	267452
Methionine	1160689	1118364	1029300

Citrus Primary Met. Raw Data	Treatment d-28d-2	Treatment d-28d-3	Treatment d-28d-4
Fucose	17922634	18747279	15411216
Fructose 6 phosphate	63558	91812	132350
Tyrosine (3TMS)	488285	521137	397862
Benzoic acid	830490	848728	857536
Tyramine (3TMS)	26281	51961	49209
Valine	1411254	1457747	1264659
Glutamic acid	85221546	86344402	74294487
Tyrosine (2TMS)	904000	838691	778515
Ascorbic acid	1349329	1315246	1196503
Asparagine (3TMS)	72948032	84549119	67675584
Nicotinic acid	97461	129267	104329
Pyruvic acid	252232	327497	275541
Beta glucopyranose	5688300	6348210	5556560
Ornithine (3TMS)	1498032	1419944	1516683
Serine (2TMS)	13998628	14833455	11644513
Erythritol	1068055	1090549	970509
Glucopyranoside	458416453	523080207	487045249
Adenine	34161	44665	33496
Ribitol	170780532	179115742	160571482
Histidine	1351448	1336118	1268929
Glucose	324677454	318554655	298407113
Homoserine	302663	324934	274227
Palmitic acid	1714387	2379244	1619509
Isocitric acid	20318958	20690902	18512291
Glycerol	1802417	1898536	1565836
Fructose2	1199720315	1241082039	1089643288
Galacturonic acid	9844632	11432364	10214315
Trehalose alph alph	1480585	730312	669936

Citrus Primary Met. Raw Data	Treatment d-28d-5	Treatment y-7d-1	Treatment y-7d-2	Treatment y-7d-3
Glyceric acid	225790	337259	198485	263463
Quinic acid	73369441	182185938	151747338	162053226
Inositol 6 Phosphate	99415	88918	107376	87952
Glucose 6 Phosphate	266660	111250	353742	317159
Arabino hexaric acid	19188956	16922892	13860937	14167390
Ornithine	31617355	38128435	35643526	35140755
Arginine	15087500	19029419	18069128	18307888
Glutamine	381044	189129	184225	223671
Sucrose	2004830482	2511511186	2297996315	2408406306
Fumaric acid	257674	231328	165196	241487
Isoleucine	960935	825588	668127	610612
Glycine (3TMS)	7701344	6321241	4859984	4921762
Alanine	30882229	35124284	29109684	31797009
Lactic acid	4659100	2687605	4260432	4750569
Gluconic acid	4232520	3406837	2908651	3269328
Glycerol 3 Phosphate (4TMS)	1029896	2425824	2045241	2221361
Aspartic acid	97930701	59080781	46773847	55502331
Beta lactose	733612	880648	800827	774638
Phosphoric acid	25759253	52763181	27472920	30308412
Pyroglutamic acid	31583500	23967912	18304909	21075634
Maltose	6840497	7895513	5548688	6286238
Ethanolamine	35363999	39242828	28023243	29075714
Leucine	921511	1671609	773504	791451
Hydroxyproline	906437	399739	339090	385349
Myo inositol	318719012	238946418	208499504	230578605
Serine (3TMS)	18245529	22815562	19406670	20904084
Methyl proline	153712962	147849244	123514209	129741008
Serine_o	9172158	9166023	10196951	7662940
Proline (2TMS)	524282902	621478180	482039831	596709359
Stearic acid	1342615	891977	1146750	999155
Malic acid	25711291	19063329	14695600	15918110
Tryptophan	6984888	4088806	2762285	3440461
Tartaric acid	10261913	12717162	10106642	11143730
Asparagine (4TMS)	3701026	1499226	1512659	1904184
Threonine	1633086	1465248	1193161	1221176
Malic acid_2_ methyl	48494	52802	40704	45806
Putrescine	95083078	249150934	158548273	143037534
Guanidine	54374	23598	34837	34146
Fructose	1663686291	2022843476	1828156802	1852418729
Phenylalanine	1589753	1607578	1249040	1360598
Pantetheine	2630814	1810658	2524041	2066474
Lysine	4467372	3246198	2298567	2210550
Gaba	8303272	4348765	3720044	3816550
Spermidine (6TMS)	218081	560047	283757	291975
Proline (TMS)	742155533	936557943	769048800	806947815
Citric acid	29554905	12908584	10943604	12210599
Succinic acid	324047	505848	453354	454332
Alanine beta	335895	345788	295664	339764
Methionine	1078205	782760	713839	629595

Citrus Primary Met. Raw Data	Treatment d-28d-5	Treatment y-7d-1	Treatment y-7d-2	Treatment y-7d-3
Fucose	18195528	14475584	11912771	12213105
Fructose 6 phosphate	124670	64086	66326	94623
Tyrosine (3TMS)	496935	447956	388232	348315
Benzoic acid	1013584	1118758	1000987	908481
Tyramine (3TMS)	54449	79944	73164	74606
Valine	1440791	3777044	2889283	2964827
Glutamic acid	82328489	48594911	40967233	47202352
Tyrosine (2TMS)	887151	518228	389875	396633
Ascorbic acid	1244173	1679232	1665871	1612521
Asparagine (3TMS)	69668384	29971845	23698857	29540650
Nicotinic acid	49243	294228	101735	114109
Pyruvic acid	302657	227588	289146	241500
Beta glucopyranose	6327257	7144457	5987383	6426431
Ornithine (3TMS)	1304282	671591	466046	632569
Serine (2TMS)	15323860	21307301	17473972	17874892
Erythritol	1174208	1026886	1039729	961255
Glucopyranoside	500932943	160438984	134006544	156332829
Adenine	15092	11036	18439	25118
Ribitol	181625901	159868577	169625655	156733437
Histidine	1363048	460551	305294	359673
Glucose	330365172	422545898	392769845	404238762
Homoserine	337198	310016	325797	286592
Palmitic acid	2025618	1635939	1783791	1850937
Isocitric acid	20996727	25343639	23251012	23519006
Glycerol	1997485	3152479	1161683	1600135
Fructose2	1179289737	1479814736	1327054886	1366591284
Galacturonic acid	8658355	5837629	4643022	5365157
Trehalose alph alph	701844	599213	361872	486752

Citrus Primary Met. Raw Data	Treatment y-7d-4	Treatment y-7d-5	Treatment y-14d-1	Treatment y-14d-2
Glyceric acid	221388	218200	215142	319931
Quinic acid	145628963	165356552	94674099	123890761
Inositol 6 Phosphate	42775	62108	123228	96535
Glucose 6 Phosphate	278908	352390	330072	380660
Arabino hexaric acid	12378819	14210088	13833361	18203163
Ornithine	32922929	35758301	31571940	38524221
Arginine	16813904	18840047	16681098	20375499
Glutamine	164474	177044	183732	263777
Sucrose	2309085347	2476274719	2286008187	2732873666
Fumaric acid	211509	220414	200927	209509
Isoleucine	610556	650758	558352	657424
Glycine (3TMS)	4193443	4898431	4569707	5920216
Alanine	26974370	32080068	28425535	36291661
Lactic acid	4188442	3667517	4308273	4915761
Gluconic acid	2743081	3197242	2870114	4013214
Glycerol 3 Phosphate (4TMS)	1856508	2246248	1441873	1712271
Aspartic acid	49569396	59930570	55070413	60231622
Beta lactose	795624	830713	750661	915006
Phosphoric acid	24805812	28080073	32234617	40224268
Pyroglutamic acid	12495	22294683	18929538	26839921
Maltose	5896892	6501258	6371179	8052390
Ethanolamine	27016837	29032509	26085230	35174831
Leucine	763473	852842	676425	806980
Hydroxyproline	348415	414392	386964	410312
Myo inositol	193852235	231698954	240929508	302590372
Serine (3TMS)	18891285	22612026	19112870	20530408
Methyl proline	115525415	130294092	106252679	142090614
Serine_o	7544929	7388804	7449328	9592701
Proline (2TMS)	513183359	599417338	474734119	521904505
Stearic acid	854121	1254027	1092243	1186112
Malic acid	14336856	17671036	18559358	27468325
Tryptophan	2629488	3695575	3190458	4933130
Tartaric acid	9944047	12241386	8665020	12133968
Asparagine (4TMS)	1253210	1744657	2099348	2059817
Threonine	1204694	1289470	1240930	1340852
Malic acid_2_ methyl	35535	43879	32906	46382
Putrescine	121753181	141263705	92262291	127993664
Guanidine	37883	35536	39017	37027
Fructose	1709103422	1878566593	1683137858	2037420485
Phenylalanine	1148297	1266971	1036798	1224383
Pantetheine	1881295	1613595	2100352	2136258
Lysine	2368962	2181229	1258637	1948111
Gaba	3356261	3698179	3883896	5409132
Spermidine (6TMS)	287252	203071	144282	266131
Proline (TMS)	673300443	749212908	604240903	955811339
Citric acid	10469250	11955353	12757810	17282800
Succinic acid	462626	473971	492448	725509
Alanine beta	241600	321493	217504	270687
Methionine	577095	654174	480357	544548

Citrus Primary Met. Raw Data	Treatment y-7d-4	Treatment y-7d-5	Treatment y-14d-1	Treatment y-14d-2
Fucose	10831833	12607468	14043442	18347928
Fructose 6 phosphate	168867	188682	110240	245409
Tyrosine (3TMS)	341363	381170	449129	492783
Benzoic acid	992120	1054268	880751	1113755
Tyramine (3TMS)	76114	66515	62895	74456
Valine	2688940	2976751	1606281	1970121
Glutamic acid	36576211	42546768	41715132	52017587
Tyrosine (2TMS)	200403	474654	428569	624755
Ascorbic acid	1360014	1596737	1410363	1659952
Asparagine (3TMS)	19214785	26953934	26542350	38461416
Nicotinic acid	78783	25491	16684	119580
Pyruvic acid	251176	286774	208923	356878
Beta glucopyranose	5835954	7003816	5354107	6672234
Ornithine (3TMS)	445704	625907	446395	631473
Serine (2TMS)	14527037	16757416	13939490	22152983
Erythritol	909660	930064	912144	1173105
Glucopyranoside	143410385	177548431	284215959	335791962
Adenine	33185	19589	22361	45304
Ribitol	129937133	147770724	144067097	182653699
Histidine	499084	378501	545989	696631
Glucose	377526970	411064929	377206975	423441649
Homoserine	272875	272184	273405	340823
Palmitic acid	1534139	2169686	1689844	1999698
Isocitric acid	21247980	23557819	21016890	25590888
Glycerol	1429233	1548181	1598569	2091278
Fructose2	1245105772	1389421090	1232131245	1488527967
Galacturonic acid	4659590	5592366	4389743	6081147
Trehalose alph alph	458904	606214	582767	723086

Citrus Primary Met. Raw Data	Treatment y-14d-3	Treatment y-14d-4	Treatment y-14d-5
Glyceric acid	274817	253473	255743
Quinic acid	95175373	102346797	97998986
Inositol 6 Phosphate	20147	68579	43635
Glucose 6 Phosphate	351268	369323	284192
Arabino hexaric acid	13262278	15516222	14380127
Ornithine	35485805	36412482	33818680
Arginine	1466088	18291279	17347152
Glutamine	212622	227830	175327
Sucrose	2251794003	2531831762	2365491164
Fumaric acid	242109	270556	175091
Isoleucine	654322	632016	632870
Glycine (3TMS)	5110892	5797584	4958794
Alanine	31903202	37563698	33077906
Lactic acid	4248127	4478859	3823696
Gluconic acid	3084482	3369950	2977133
Glycerol 3 Phosphate (4TMS)	1442778	1551555	1429963
Aspartic acid	55127117	61918874	55678949
Beta lactose	704644	790877	766685
Phosphoric acid	33711321	40235810	38072343
Pyroglutamic acid	21534005	23929358	22458837
Maltose	6589247	7368199	6979505
Ethanolamine	29499259	35845165	30709366
Leucine	757901	824479	738790
Hydroxyproline	366665	402998	399793
Myo inositol	253860590	282548491	242649766
Serine (3TMS)	20581126	22594092	20755043
Methyl proline	118378213	135774702	121757422
Serine_o	8084723	9111751	8311201
Proline (2TMS)	508039089	556140590	550716748
Stearic acid	907085	1177636	1167534
Malic acid	19556072	25379647	18949187
Tryptophan	3279148	4340393	3551335
Tartaric acid	9052753	10710566	9364265
Asparagine (4TMS)	2426190	2283572	2104774
Threonine	1285538	1370120	1329921
Malic acid_2_ methyl	47757	42147	35304
Putrescine	102381503	115441443	109543617
Guanidine	28588	26945	57985
Fructose	1773115995	1918350526	1765407834
Phenylalanine	1034320	1149429	1090291
Pantetheine	2012812	2044740	2200204
Lysine	1660182	1570954	1589377
Gaba	4474707	4730789	4362921
Spermidine (6TMS)	267142	178805	173407
Proline (TMS)	695475232	919617357	753457381
Citric acid	12615121	14147371	12228939
Succinic acid	520889	617054	586938
Alanine beta	246914	306066	263630
Methionine	478194	496473	460463

Citrus Primary Met. Raw Data	Treatment y-14d-3	Treatment y-14d-4	Treatment y-14d-5
Fucose	14888889	16478313	14670885
Fructose 6 phosphate	137334	262345	162041
Tyrosine (3TMS)	407356	411925	387866
Benzoic acid	942130	926559	996715
Tyramine (3TMS)	53805	69816	73547
Valine	1761438	2078550	1848040
Glutamic acid	42970513	47350799	42410468
Tyrosine (2TMS)	495081	522204	471357
Ascorbic acid	1423058	1585551	1459104
Asparagine (3TMS)	38742079	37143238	31137081
Nicotinic acid	102542	125652	171674
Pyruvic acid	280232	340870	302232
Beta glucopyranose	5463673	5998242	5434510
Ornithine (3TMS)	537380	508233	513176
Serine (2TMS)	15852806	20644507	16660412
Erythritol	977080	1060505	944473
Glucopyranoside	247749825	263489904	232090166
Adenine	30291	12592	26837
Ribitol	155096913	170822876	160634912
Histidine	594287	979686	887209
Glucose	387245112	389163402	386134722
Homoserine	275311	344454	355911
Palmitic acid	1873804	1938923	1715972
Isocitric acid	22080614	24022119	21746929
Glycerol	1867536	2192841	1884035
Fructose2	1314446193	1401739695	1272050441
Galacturonic acid	4557358	5532558	4540229
Trehalose alph alph	747677	697826	554292

Citrus Primary Met. Raw Data	Treatment y-21d-1	Treatment y-21d-2	Treatment y-21d-3
Glyceric acid	345384	323952	256524
Quinic acid	164764891	151226013	127665764
Inositol 6 Phosphate	69930	97795	122040
Glucose 6 Phosphate	266507	303037	252878
Arabino hexaric acid	18988220	19205167	17148850
Ornithine	38524848	36707615	34668107
Arginine	18104995	17844230	16873494
Glutamine	151871	175588	156838
Sucrose	2733014003	2714195902	2568400058
Fumaric acid	295869	281935	292029
Isoleucine	729124	673636	640289
Glycine (3TMS)	6675160	7080202	5922152
Alanine	31923694	33411483	30161009
Lactic acid	6236171	4426609	5295719
Gluconic acid	4812074	4366819	4045916
Glycerol 3 Phosphate (4TMS)	2227938	2040447	1761955
Aspartic acid	63652067	75929435	67235467
Beta lactose	965821	939579	940477
Phosphoric acid	31911470	31104474	25553235
Pyroglutamic acid	37525483	35487848	32889821
Maltose	8051573	8227155	7301235
Ethanolamine	37365455	36948095	30744819
Leucine	807393	786726	650050
Hydroxyproline	425710	484823	511466
Myo inositol	320889186	305124129	271624607
Serine (3TMS)	15490311	17331180	16396324
Methyl proline	173336798	167034481	147892401
Serine_o	9959973	9746406	9020198
Proline (2TMS)	488148910	570939660	524522006
Stearic acid	1367088	1183736	1031587
Malic acid	31088381	29719322	24383856
Tryptophan	5157966	6310975	4499468
Tartaric acid	20745187	18544023	16425982
Asparagine (4TMS)	1397654	2558112	1940760
Threonine	1251105	1496923	1333199
Malic acid_2_ methyl	60067	59943	46140
Putrescine	98083376	93130269	82493197
Guanidine	32483	34432	53696
Fructose	2011469037	1956314698	1808729532
Phenylalanine	1084025	1023602	975753
Pantetheine	2445332	2398761	2364556
Lysine	2297864	1995481	1866160
Gaba	6513839	6933896	6239111
Spermidine (6TMS)	325887	361143	206071
Proline (TMS)	1009593129	987351824	879530032
Citric acid	24893793	24615074	21560136
Succinic acid	566909	498383	485067
Alanine beta	270064	282306	254422
Methionine	681236	767329	619200

Citrus Primary Met. Raw Data	Treatment y-21d-1	Treatment y-21d-2	Treatment y-21d-3
Fucose	18983003	18441601	16127582
Fructose 6 phosphate	90635	82766	79561
Tyrosine (3TMS)	506713	461846	499553
Benzoic acid	894836	1072319	1045995
Tyramine (3TMS)	71990	46718	48210
Valine	1563060	1658364	1409746
Glutamic acid	65319336	76529540	62773363
Tyrosine (2TMS)	741824	728864	619613
Ascorbic acid	1362253	1426334	1309500
Asparagine (3TMS)	29358340	47903879	32003753
Nicotinic acid	149466	164878	56811
Pyruvic acid	435381	414020	380707
Beta glucopyranose	6555535	6276637	5482585
Ornithine (3TMS)	623628	621172	581428
Serine (2TMS)	18333932	18326563	15519865
Erythritol	1260916	1225911	1116446
Glucopyranoside	254168641	269912016	254862966
Adenine	34875	50076	46214
Ribitol	188717350	193967054	177122311
Histidine	928227	963833	1237169
Glucose	398438155	400213556	366676886
Homoserine	331481	336639	322714
Palmitic acid	2182558	1996470	1740263
Isocitric acid	24870083	24321938	22665856
Glycerol	2052698	2022267	1605816
Fructose2	1478699602	1414281106	1291483263
Galacturonic acid	7440513	7452116	6166665
Trehalose alph alph	699929	710420	577354

Citrus Primary Met. Raw Data	Treatment y-21d-4	Treatment y-21d-5	Treatment y-28d-1
Glyceric acid	221319	270204	260685
Quinic acid	120816016	125595546	182837193
Inositol 6 Phosphate	70803	51302	145387
Glucose 6 Phosphate	237443	306168	282677
Arabino hexaric acid	16233220	16818466	14805901
Ornithine	32671579	33624432	34643412
Arginine	16128199	18286418	17416223
Glutamine	174835	160137	204422
Sucrose	2495552323	2775337299	2277711115
Fumaric acid	275974	244029	287304
Isoleucine	596053	658697	837863
Glycine (3TMS)	5811098	6216367	6429207
Alanine	27613919	29652718	32775867
Lactic acid	4640862	4359345	4444175
Gluconic acid	3729491	4024753	4280101
Glycerol 3 Phosphate (4TMS)	1618629	1780167	2438234
Aspartic acid	68283775	64238449	90442253
Beta lactose	791301	936655	884716
Phosphoric acid	26364547	27440146	27191212
Pyroglutamic acid	31167751	32078539	34638343
Maltose	7433039	8045824	7028911
Ethanolamine	28139184	29809649	31228283
Leucine	724632	765927	825481
Hydroxyproline	461396	447718	474299
Myo inositol	270180232	293983914	310414714
Serine (3TMS)	16696865	16603061	20908573
Methyl proline	130799622	142438888	137627527
Serine_o	8336341	9031757	10196087
Proline (2TMS)	483652582	490897340	598467107
Stearic acid	1030234	1112094	1104283
Malic acid	22496295	21399296	41661260
Tryptophan	4016476	5197022	4317822
Tartaric acid	15025196	14969378	24810954
Asparagine (4TMS)	2035823	2138455	1054255
Threonine	1304704	1284659	1587903
Malic acid_2_ methyl	50154	34497	62816
Putrescine	76146607	77052945	100668820
Guanidine	38165	28793	44523
Fructose	1696819923	1920747508	1916153286
Phenylalanine	991361	1019646	1007733
Pantetheine	2408640	2303720	2806690
Lysine	1858429	2093414	2425609
Gaba	5994237	6340229	6502901
Spermidine (6TMS)	295034	356231	310830
Proline (TMS)	712674557	796609124	807736402
Citric acid	19695953	21238077	26793419
Succinic acid	405531	444767	353424
Alanine beta	257994	236760	294315
Methionine	687912	685510	791184

Citrus Primary Met. Raw Data	Treatment y-21d-4	Treatment y-21d-5	Treatment y-28d-1
Fucose	15073047	16965201	19472609
Fructose 6 phosphate	159384	61467	121843
Tyrosine (3TMS)	473929	490129	503478
Benzoic acid	900863	780632	1077452
Tyramine (3TMS)	48840	52905	50687
Valine	1337905	1502139	1634333
Glutamic acid	58523854	61474357	56772271
Tyrosine (2TMS)	601898	653668	649641
Ascorbic acid	1205290	1330762	1250429
Asparagine (3TMS)	34092705	32401703	25812833
Nicotinic acid	108833	109521	80840
Pyruvic acid	300309	337892	309868
Beta glucopyranose	5308901	5830695	6985093
Ornithine (3TMS)	601871	679599	606551
Serine (2TMS)	13609234	14340006	16552619
Erythritol	979345	1118943	1247067
Glucopyranoside	238070233	266582509	470794759
Adenine	17127	56502	16795
Ribitol	155815632	179281254	183174776
Histidine	833121	795020	892960
Glucose	345249745	376686927	379251405
Homoserine	328001	285547	354438
Palmitic acid	1923977	1840224	1773561
Isocitric acid	21341875	22837240	23598130
Glycerol	1429369	1631007	1807872
Fructose2	1241283347	1376316309	1407038222
Galacturonic acid	6277422	6552808	6442437
Trehalose alph alph	1378165	629052	710413

Citrus Primary Met. Raw Data	Treatment y-28d-2	Treatment y-28d-3	Treatment y-28d-4
Glyceric acid	233210	234495	270821
Quinic acid	161878249	171177149	178304462
Inositol 6 Phosphate	54717	83419	75357
Glucose 6 Phosphate	271677	342138	301781
Arabino hexaric acid	13954781	15748942	15914567
Ornithine	32703387	36736557	35279078
Arginine	1622028	18313150	18301283
Glutamine	283574	231304	273736
Sucrose	2276165965	2394549916	2532515375
Fumaric acid	286879	311000	319341
Isoleucine	761122	766198	800689
Glycine (3TMS)	5743289	6202943	6785432
Alanine	27518147	29304795	32724269
Lactic acid	5512303	5279662	4620545
Gluconic acid	3905139	4515998	4549198
Glycerol 3 Phosphate (4TMS)	2102394	2210040	2482493
Aspartic acid	84626080	87891622	96702706
Beta lactose	830428	964059	947194
Phosphoric acid	25090750	27302556	30667352
Pyroglutamic acid	30137128	38770577	38134154
Maltose	6869085	7692072	8221617
Ethanolamine	28723694	34422173	35704422
Leucine	769860	715756	817066
Hydroxyproline	411419	428718	398450
Myo inositol	282189972	310546393	325443343
Serine (3TMS)	18424064	18409130	20183457
Methyl proline	116430944	131214079	135992162
Serine_o	7313333	8860102	9302297
Proline (2TMS)	489988143	483075597	566038461
Stearic acid	1018985	931254	1066036
Malic acid	32044970	38225430	43807077
Tryptophan	4262283	5063287	5041362
Tartaric acid	20138199	21556273	24968925
Asparagine (4TMS)	2586035	1968217	2034511
Threonine	1312808	1424574	1540107
Malic acid_2_ methyl	73515	59336	65160
Putrescine	87578437	93466239	100746525
Guanidine	26786	42787	45771
Fructose	1831441556	2044702594	2053213834
Phenylalanine	945930	1140762	1174735
Pantetheine	2208459	2350746	2684970
Lysine	2078099	2565787	2236975
Gaba	5891410	6682454	6811272
Spermidine (6TMS)	338663	207097	386175
Proline (TMS)	664739498	797858164	858499365
Citric acid	27439117	27263250	27717320
Succinic acid	298208	390308	352312
Alanine beta	288381	312994	305711
Methionine	612455	732335	765247

Citrus Primary Met. Raw Data	Treatment y-28d-2	Treatment y-28d-3	Treatment y-28d-4
Fucose	17028108	19556755	20015142
Fructose 6 phosphate	165645	86047	150979
Tyrosine (3TMS)	447177	523797	592774
Benzoic acid	918158	797711	1040199
Tyramine (3TMS)	48927	46544	55870
Valine	1434910	1521200	1554882
Glutamic acid	57487520	62537621	64331034
Tyrosine (2TMS)	581662	664568	748984
Ascorbic acid	1325014	1354238	1428864
Asparagine (3TMS)	29196259	36244054	31468725
Nicotinic acid	114589	74191	74936
Pyruvic acid	312961	374241	332303
Beta glucopyranose	6643611	7359294	7098113
Ornithine (3TMS)	671586	822323	745608
Serine (2TMS)	13515309	16548524	17677273
Erythritol	1153482	1207379	1302776
Glucopyranoside	476998360	509304177	554465690
Adenine	15984	60158	37623
Ribitol	180038284	179781481	187182181
Histidine	806876	930646	1429831
Glucose	369510656	381724257	380816610
Homoserine	317782	364394	336735
Palmitic acid	1897295	1756310	1926282
Isocitric acid	22135528	24342035	24652950
Glycerol	1595266	1984978	2108184
Fructose2	1313900667	1438050951	1469056025
Galacturonic acid	5898063	7334555	7006513
Trehalose alph alph	749455	790011	893502

Citrus Primary Met. Raw Data	Treatment y-28d-5
Glyceric acid	257470
Quinic acid	182880355
Inositol 6 Phosphate	83404
Glucose 6 Phosphate	241306
Arabino hexaric acid	13442341
Ornithine	33822606
Arginine	17610907
Glutamine	272978
Sucrose	2488382885
Fumaric acid	295809
Isoleucine	864149
Glycine (3TMS)	5601933
Alanine	28998397
Lactic acid	4441374
Gluconic acid	4373760
Glycerol 3 Phosphate (4TMS)	2440328
Aspartic acid	99262868
Beta lactose	815621
Phosphoric acid	27753104
Pyroglutamic acid	34540987
Maltose	8061243
Ethanolamine	31201687
Leucine	783067
Hydroxyproline	483379
Myo inositol	307025731
Serine (3TMS)	22196719
Methyl proline	119204014
Serine_o	7643259
Proline (2TMS)	631828952
Stearic acid	690130
Malic acid	41205980
Tryptophan	3833571
Tartaric acid	24986231
Asparagine (4TMS)	2264612
Threonine	1806894
Malic acid_2_ methyl	93540
Putrescine	91250762
Guanidine	13135
Fructose	1893679726
Phenylalanine	1135547
Pantetheine	2004808
Lysine	2337612
Gaba	6082592
Spermidine (6TMS)	305353
Proline (TMS)	649157791
Citric acid	24617428
Succinic acid	338609
Alanine beta	315007
Methionine	689700

Citrus Primary Met. Raw Data	Treatment y-28d-5
Fucose	18034114
Fructose 6 phosphate	132047
Tyrosine (3TMS)	511211
Benzoic acid	1130863
Tyramine (3TMS)	47270
Valine	1564904
Glutamic acid	59467834
Tyrosine (2TMS)	611771
Ascorbic acid	1320285
Asparagine (3TMS)	23950396
Nicotinic acid	84912
Pyruvic acid	346309
Beta glucopyranose	7199263
Ornithine (3TMS)	673920
Serine (2TMS)	12814303
Erythritol	983566
Glucopyranoside	447177856
Adenine	51855
Ribitol	143734221
Histidine	914850
Glucose	376324441
Homoserine	261638
Palmitic acid	1452999
Isocitric acid	22992173
Glycerol	1893259
Fructose2	1359456025
Galacturonic acid	6496994
Trehalose alph alph	702338

Pepper 32 Accessions VOCs log2 Mean-cent data	Ethyl acetate	1-Penten-3-ol	1-Penten-3-ol, 3-methyl-	Cyclopropane, butyl-
Accession1	0.599823	0.707532	2.604095	-0.917039
Accession2	-0.191198	0.953298	-0.848926	0.444981
Accession3	-0.326414	0.29729	-0.505212	0.106214
Accession4	-0.284805	0.881476	1.271555	-0.3688
Accession5	0.317696	-0.641435	1.226949	-0.869485
Accession6	0.771692	-1.057389	0.93438	-1.001118
Accession7	-0.13312	0.870288	1.602033	-2.001118
Accession8	0.316324	-0.580883	1.132079	-0.142548
Accession9	0.34874	0.377076	2.226342	0.188344
Accession10	0.511938	-0.667404	0.117187	-0.413053
Accession11	1.137817	-1.553877	1.226516	1.026664
Accession12	0.388588	0.426471	1.019742	0.215049
Accession13	0.701641	-1.045027	1.106789	-0.018106
Accession14	0.674299	-0.973858	0.352267	0.395113
Accession15	-0.999079	0.730546	-1.980392	2.519132
Accession16	-0.136875	-0.322555	-0.558165	1.690094
Accession17	-0.726554	1.550431	-1.788698	-2.08422
Accession18	-0.803954	1.551032	-1.936034	-0.488876
Accession19	-0.456205	0.804305	-0.362963	0.278098
Accession20	0.134027	0.602471	1.163494	-2.04207
Accession21	0.609335	-1.167128	0.940683	0.699202
Accession22	-0.367085	0.307309	-0.716057	-0.025985
Accession23	-0.163795	0.6456	1.706525	-0.020071
Accession24	0.664057	-0.716131	1.151475	-0.12785
Accession25	-0.373899	0.807252	-1.660789	0.040969
Accession26	-0.095465	0.619836	-2.01504	1.720136
Accession27	-0.213053	1.583283	-3.067029	1.967831
Accession28	-0.913189	-5.982499	-1.840271	0.150225
Accession29	-0.392923	-1.425623	-1.895452	0.195308
Accession30	-0.271553	0.951798	0.505764	-0.353106
Accession31	-0.297138	0.775792	-0.350942	-0.661287
Accession32	-0.029654	0.690715	-0.761909	-0.102638

Pepper 32 Accessions VOCs log2 Mean-cent data	2-Pentenal, (E)-	1-Pentanol	2-Penten-1-ol, (Z)-	Methyl 3-methylbutanoate
Accession1	0.906582	-0.172256	0.740763	-1.098471
Accession2	0.294246	0.051984	0.762739	1.770736
Accession3	-0.000176	-0.052803	0.340178	0.243092
Accession4	0.230039	-0.845025	1.057808	-1.125828
Accession5	-0.8136	-0.904685	-0.53395	-1.112084
Accession6	-1.33276	-0.325297	-1.151692	-1.226757
Accession7	0.241684	-0.830281	1.196136	-1.26382
Accession8	-1.24222	-0.694486	-0.51055	-1.102461
Accession9	0.351864	-0.102161	0.460533	-1.162021
Accession10	-0.961189	-0.120092	-0.687481	-1.042193
Accession11	-1.827027	-0.131609	-1.560298	-1.073187
Accession12	-0.396517	0.100103	0.492508	-1.163688
Accession13	-1.410431	-0.167068	-0.790981	-1.246935
Accession14	-1.083184	-0.327224	-0.945876	-1.154544
Accession15	0.8037	1.157734	0.8402	0.809589
Accession16	-0.174532	-0.359335	-0.425642	1.124492
Accession17	1.228876	-0.339749	1.52965	-1.137246
Accession18	1.142417	-0.871122	1.522631	-1.243405
Accession19	0.939406	-0.488522	0.752537	1.560798
Accession20	-0.335087	0.032278	0.635828	-1.14958
Accession21	-0.86191	-0.027725	-1.144423	-1.060709
Accession22	0.091864	-0.926139	0.37104	2.409903
Accession23	0.302395	-0.847788	0.708427	0.398016
Accession24	-0.415053	-0.374035	-0.496829	-1.069667
Accession25	0.371702	-0.514709	0.252623	-1.131526
Accession26	0.389997	3.238279	0.82333	-1.113694
Accession27	0.626965	3.137533	1.544203	-1.031501
Accession28	0.179197	-0.540709	-5.856143	1.15172
Accession29	0.970268	-0.496089	-1.821923	-1.117728
Accession30	0.674693	1.149927	0.768917	7.039545
Accession31	0.631766	0.836064	0.509077	4.64921
Accession32	0.476032	0.755	0.616657	2.669933

Pepper 32 Accessions VOCs log2 Mean-cent data	Propanoic acid, 2,2-dimethyl-	Cycloheptane, bromo-	Hexanal	Butyl acetate
Accession1	0.203343	1.658018	0.620899	0.768945
Accession2	0.416677	0.219694	0.767185	-0.094316
Accession3	-0.046422	-1.359047	-0.415926	-0.576284
Accession4	-0.110314	0.227983	0.267399	-0.47055
Accession5	0.784016	1.243299	-0.364309	0.396903
Accession6	0.413882	0.858178	-1.452812	1.113806
Accession7	0.401277	0.393775	0.13077	-0.123475
Accession8	0.766949	0.814609	-0.622248	0.364203
Accession9	0.522036	1.215099	0.112635	0.280925
Accession10	0.406741	0.375146	-0.232782	0.782537
Accession11	0.679018	0.999775	-2.563482	1.304894
Accession12	0.034195	0.877166	-0.245764	0.376198
Accession13	0.334208	1.540923	-1.631292	1.159118
Accession14	1.292059	0.344929	-0.838562	0.992754
Accession15	-0.527282	-1.704907	1.421959	-1.193644
Accession16	0.432239	-0.814311	-0.603029	0.008067
Accession17	-0.074104	-0.96379	0.856211	-0.865447
Accession18	-0.709531	-1.361168	-0.050215	-0.861239
Accession19	-0.833792	0.269955	1.061613	-1.066632
Accession20	0.244337	0.730695	-0.304623	0.130465
Accession21	0.142717	0.782265	0.230247	0.750412
Accession22	0.295972	-0.894011	0.924999	-0.124159
Accession23	-0.310773	0.575756	0.342722	-0.453598
Accession24	0.539939	0.523863	-0.519413	0.288297
Accession25	0.200618	-1.116933	-1.109539	-0.226005
Accession26	0.666082	-1.631743	0.332659	0.000637
Accession27	0.424472	-3.715142	0.723869	-0.332169
Accession28	-5.641026	-1.962296	-0.083658	-1.666352
Accession29	-1.990825	-1.311536	-1.472925	-0.507617
Accession30	0.172549	0.647562	1.595398	-0.016212
Accession31	-0.104376	3.317019	1.602959	-0.262596
Accession32	0.975121	-0.780813	1.51903	0.122147

Pepper 32 Accessions VOCs log2 Mean-cent data	Butanoic acid, 3-methyl-	2-Butanol, 3-methyl-, acetate	1-Pentanol, 4-methyl-
Accession1	-1.575489	-1.321866	-3.525121
Accession2	1.124901	-1.283306	3.606691
Accession3	2.183578	-1.382559	3.826099
Accession4	-1.359321	-1.327577	-3.929331
Accession5	-1.620411	-1.368196	-3.234664
Accession6	-1.538097	-1.206138	-3.93259
Accession7	-1.64527	2.519854	-3.882077
Accession8	-1.134667	-1.328393	-3.195462
Accession9	0.955307	-1.358976	0.340499
Accession10	-1.221086	-1.234211	-3.586067
Accession11	-1.449438	-1.367354	-3.885233
Accession12	-1.605574	-1.233445	-3.910993
Accession13	-0.809334	-1.281721	-3.356906
Accession14	-1.856805	-1.28648	-1.826243
Accession15	3.353942	-1.303261	4.714922
Accession16	2.231551	-1.233445	1.555249
Accession17	0.370122	-1.186732	-2.311102
Accession18	0.387863	-1.325942	-2.000891
Accession19	1.337815	-1.25816	2.775347
Accession20	-1.411579	-1.277768	-3.944883
Accession21	-1.210433	-1.155201	-3.8509
Accession22	0.408686	-1.228858	3.735359
Accession23	0.560365	-1.351478	2.724804
Accession24	-1.484018	-1.296445	-3.842443
Accession25	3.67018	-1.390222	5.197495
Accession26	4.692822	6.534072	6.711811
Accession27	-4.411099	6.980239	6.802166
Accession28	1.362727	-1.374936	5.479967
Accession29	1.383815	2.443119	6.154171
Accession30	0.445397	6.600924	1.942634
Accession31	0.488012	5.728818	0.723648
Accession32	-0.62447	1.555634	-2.075961

Pepper 32 Accessions VOCs log2 Mean-cent data	Butanoic acid, 2-methyl-	2,4-Dimethyl-1-heptene	2-Hexenal	2-Hexenal, (E)-
Accession1	-0.622434	0.133359	-0.28961	-0.137463
Accession2	-0.618306	-1.074992	0.622065	0.119339
Accession3	-0.481552	0.411813	0.016544	-0.098278
Accession4	-0.552241	-0.633073	0.889801	0.178131
Accession5	-0.689272	-0.512343	-0.299768	0.008986
Accession6	-0.552241	0.135733	-0.231178	0.009689
Accession7	-0.630725	-0.515788	0.786018	0.13508
Accession8	-0.588121	-0.138463	-0.389799	-0.031816
Accession9	-0.536576	1.043653	-0.044905	0.062914
Accession10	-0.674625	-0.445178	0.094667	0.068426
Accession11	-0.597841	1.570491	-1.030396	-0.353161
Accession12	-0.567017	0.087798	0.050316	0.079468
Accession13	-0.588929	0.419999	-0.306753	-0.027225
Accession14	-0.697087	0.839126	-0.042398	-0.101864
Accession15	-0.446733	-0.178585	0.085823	0.098656
Accession16	-0.530358	1.614226	-0.593777	-0.071218
Accession17	-0.601912	-2.598478	1.452473	0.168324
Accession18	1.760365	-0.811145	1.535549	0.175661
Accession19	-0.590546	0.646821	0.404285	0.148895
Accession20	-0.604359	-2.480819	0.337568	0.128405
Accession21	-0.58409	1.117438	0.01371	0.050257
Accession22	-0.585702	0.273199	0.377974	0.124346
Accession23	-0.509566	-0.390127	0.291985	0.143023
Accession24	-0.573662	1.553569	-0.162477	0.01338
Accession25	-0.471092	-0.67988	0.178234	0.087791
Accession26	7.450279	1.29424	-0.875134	-0.163229
Accession27	7.651632	0.500317	-0.454548	-0.047028
Accession28	-0.554605	-1.657823	-1.310898	-0.440807
Accession29	-0.572863	0.441969	-1.425701	-0.587585
Accession30	-0.54674	0.20287	-0.007656	0.054178
Accession31	-0.678059	-0.290903	-0.056297	0.065622
Accession32	-0.615012	0.120965	0.384256	0.139099

Pepper 32 Accessions VOCs log2 Mean-cent data	2-Hexen-1-ol, (Z)-	1-Hexanol	3-Methyl-1-butanol, acetate	2-Heptanone	Styrene
Accession1	-6.438534	-2.322566	1.164692	1.064996	-0.578016
Accession2	-0.123741	0.612932	0.723644	0.107528	-0.473767
Accession3	2.079868	1.2693	-1.446844	-0.109262	-0.34215
Accession4	1.267221	-0.904716	0.232116	-1.453783	-0.716889
Accession5	-0.630814	-1.314943	0.273992	-0.633482	-0.149613
Accession6	-0.387407	-1.763474	-0.625201	2.277923	-0.128917
Accession7	0.01976	-1.333532	0.11887	0.503409	-0.61264
Accession8	-0.459906	-1.1684	0.122638	-0.235239	0.5616
Accession9	0.795073	-0.72963	1.098753	-0.640648	-0.474086
Accession10	0.408598	-0.831627	-0.691618	1.345525	0.944846
Accession11	-1.023312	-2.100616	0.365723	2.226998	0.830807
Accession12	1.103962	-0.702791	-0.090076	0.052445	1.479001
Accession13	-1.180145	-2.207275	-0.659204	0.514188	-0.569829
Accession14	0.079552	-1.555168	-2.124307	1.342517	0.073469
Accession15	1.144037	4.469402	3.669765	-0.692675	-1.232001
Accession16	0.221611	-0.751249	0.518738	0.314257	1.759089
Accession17	1.91544	-0.603968	-2.118635	-1.325563	-1.056345
Accession18	2.051296	-1.839732	-2.147221	-1.622452	-0.825196
Accession19	0.068796	-0.454325	0.29812	-2.531095	-0.084743
Accession20	1.991793	-0.243452	-0.298399	1.461862	1.713767
Accession21	0.203701	-0.672697	0.187846	2.148389	-0.183046
Accession22	1.895161	1.284761	0.881265	-0.352688	-0.847291
Accession23	0.360519	-0.324785	0.600471	-1.224142	0.483435
Accession24	0.589409	-0.957045	0.068973	-1.590392	-0.075054
Accession25	1.811804	1.537189	-1.648655	0.320713	-0.297526
Accession26	2.69273	3.630074	-2.123495	-0.486612	0.008655
Accession27	-0.726448	3.00437	-0.592544	-0.957946	0.202752
Accession28	-7.722497	2.180439	-2.225177	-0.96671	-0.054915
Accession29	-0.36882	1.999693	-1.801242	0.143534	-0.538201
Accession30	-0.367043	1.478121	3.31887	0.764283	1.141949
Accession31	-0.178471	1.369881	3.78595	0.14341	-0.392703
Accession32	-1.093201	-0.054142	1.162199	0.090719	0.433569

Pepper 32 Accessions VOCs log2 Mean-cent data	2-Heptanol	Heptanal	Propanal, 3-(methylthio)-	2,4-Hexadienal, (E,E)-	Tricyclene
Accession1	-1.69252	-0.031636	0.402286	0.649464	0.58424
Accession2	2.589976	0.238609	-0.713735	0.431297	-2.457713
Accession3	1.816161	-0.036907	-0.88463	-0.049049	-3.387612
Accession4	-1.4386	-0.447302	0.670361	0.646049	-0.851274
Accession5	-3.012131	-0.30404	0.686383	-0.496044	1.389875
Accession6	0.774944	0.055896	-0.063043	-0.321163	0.199341
Accession7	-1.639688	-0.434896	0.487225	0.513269	1.02331
Accession8	-0.588615	-0.593434	0.268482	-0.683309	1.181809
Accession9	-1.755334	-0.036028	1.431952	-0.103128	3.241711
Accession10	0.722415	0.258002	-0.177746	-0.017754	-1.444575
Accession11	0.109722	0.093332	0.353409	-1.116786	-0.694037
Accession12	-0.668902	-0.006381	0.437263	-0.098059	1.284048
Accession13	-0.294516	0.160812	0.381266	-0.496404	0.392998
Accession14	0.158887	0.167206	-0.612771	-0.174668	-1.464653
Accession15	-0.522183	-0.554356	-0.221901	0.221042	3.000744
Accession16	1.621873	-0.339861	0.887217	-0.085175	-2.215307
Accession17	0.727668	0.098791	-1.092528	1.439339	-3.401695
Accession18	0.620939	-0.283689	-1.236615	1.465841	-3.376116
Accession19	-3.508133	-0.593434	0.909918	0.395454	2.90217
Accession20	-0.320536	-0.133033	1.330618	0.116173	2.005136
Accession21	0.764462	0.300421	-0.724774	-0.202057	-2.511046
Accession22	0.924744	0.173306	0.124282	0.26348	-0.641852
Accession23	-1.260764	-0.30261	0.21631	0.140418	0.441658
Accession24	-3.151836	-0.15541	1.262163	-0.266447	1.326962
Accession25	3.997408	-0.041757	0.313649	-0.028976	0.601267
Accession26	0.273509	0.820356	0.882964	-0.449601	0.951811
Accession27	-1.359318	0.839086	-0.453378	0.554569	0.784144
Accession28	0.433923	-0.230729	-1.042472	-1.113842	2.153602
Accession29	0.188786	-0.590202	0.103636	-1.33128	-1.305882
Accession30	2.078444	0.732074	-1.520163	-0.079779	2.280393
Accession31	0.937651	0.513086	-0.227642	-0.117064	-0.032838
Accession32	2.471575	0.664734	-2.177989	0.394195	-1.960619

Pepper 32 Accessions VOCs log2 Mean-cent data	4-Methylpentanoic acid	1-Pentyn-3-ol, 4-methyl-	3-Hepten-2-one, (E)-
Accession1	-2.252522	-2.904523	0.693267
Accession2	4.010472	-2.789672	2.072301
Accession3	2.076644	0.517385	1.808068
Accession4	-2.958401	-1.191254	-0.974344
Accession5	-1.07685	-0.445979	-2.025431
Accession6	-0.922423	0.732486	0.819089
Accession7	-1.938414	-2.983927	-2.129116
Accession8	-1.256475	-0.176203	0.332404
Accession9	0.280856	0.729869	-1.047778
Accession10	-1.328003	0.535183	-0.53122
Accession11	-1.373707	1.959502	0.672211
Accession12	-1.498774	0.431702	0.169004
Accession13	-1.362744	0.754735	0.942225
Accession14	-1.327483	1.075311	-0.086147
Accession15	-2.986857	-2.88273	3.359303
Accession16	3.446988	3.13392	2.32853
Accession17	-1.628124	-1.098098	-0.051143
Accession18	-1.570691	0.154045	-0.552954
Accession19	0.060991	-2.905336	-2.820418
Accession20	-0.994266	-2.844004	0.367309
Accession21	-1.952777	1.742616	0.373775
Accession22	2.543668	-2.839333	1.340932
Accession23	0.454169	-0.302449	-0.59743
Accession24	-0.321712	0.346783	-2.245132
Accession25	2.274855	-2.889153	-0.58918
Accession26	4.884904	4.52232	-0.26623
Accession27	3.933696	4.70985	1.558457
Accession28	-2.958401	3.167078	-2.439064
Accession29	2.410164	3.004454	-0.363212
Accession30	2.480316	-2.82772	0.43063
Accession31	1.08692	0.444873	0.789225
Accession32	-0.23602	1.11827	-1.337935

Pepper 32 Accessions VOCs log2 Mean-cent data	1-Hexanol, 4-methyl-, (S)-	3-Heptanone, 5-methyl-	2-Heptenal, (E)-	Camphene
Accession1	0.543836	-0.358416	0.038519	-0.599245
Accession2	0.469612	-0.37743	0.28764	-1.054255
Accession3	-1.145081	-0.315763	1.055593	-1.103651
Accession4	-0.41427	-0.328813	-0.447238	-1.070005
Accession5	-0.331653	-0.352133	-0.375024	1.348245
Accession6	-0.018126	-0.349001	-0.395264	-0.7759
Accession7	-0.28733	-0.482445	-0.690627	0.460905
Accession8	-0.153507	-0.284021	-0.647826	0.178172
Accession9	0.145861	-0.33422	0.138184	2.359313
Accession10	-0.480546	-0.273594	0.194368	-0.948571
Accession11	0.062249	-0.490185	-0.81322	-1.138101
Accession12	-0.285785	-0.427467	0.283543	1.266314
Accession13	0.264259	-0.423619	-0.460658	0.032009
Accession14	-0.632102	-0.44185	-0.178669	-1.214812
Accession15	0.754354	-0.436855	-1.36552	2.189048
Accession16	-1.375172	-0.375039	-0.547461	-1.03558
Accession17	-2.511588	-0.332673	0.827822	-1.088334
Accession18	-2.636373	-0.346658	0.082446	-1.15648
Accession19	-0.750103	-0.296031	-0.83395	2.651896
Accession20	0.384453	-0.399934	0.330337	1.826182
Accession21	0.336699	-0.35527	0.86389	-1.066052
Accession22	-0.202115	-0.445189	-0.495831	-1.076354
Accession23	0.350431	-0.532183	-0.45595	0.291904
Accession24	-0.461477	-0.316527	0.640167	-0.181496
Accession25	3.622905	-0.454413	-0.259484	-0.098392
Accession26	2.560943	-0.326501	1.057899	0.118973
Accession27	2.815522	-0.302831	0.435422	-0.395501
Accession28	0.623723	5.305653	-0.721629	1.178339
Accession29	1.747972	5.818392	-0.003756	-1.030177
Accession30	-0.779262	-0.119589	1.251867	3.322576
Accession31	-0.853311	-0.461159	0.595005	-1.114226
Accession32	-1.365012	-0.384225	0.609415	-1.076752

Pepper 32 Accessions VOCs log2 Mean-cent data	Hexanoic acid	Benzaldehyde	Hexyl acetate
Accession1	0.847462	0.440975	-0.626767
Accession2	1.197855	0.459391	-0.717651
Accession3	0.951651	-0.553185	4.39511
Accession4	0.577152	0.071754	-0.747062
Accession5	1.235468	1.683409	-0.703167
Accession6	1.396189	-0.295467	-0.71442
Accession7	0.76326	0.053337	-0.744588
Accession8	1.30505	0.465813	-0.61166
Accession9	0.690729	1.148052	-0.67463
Accession10	0.24263	-0.593946	-0.635908
Accession11	1.455114	-0.078199	-0.819846
Accession12	0.228035	0.203289	-0.604166
Accession13	1.017864	-0.536582	-0.757
Accession14	0.356123	-0.433688	-0.671494
Accession15	-8.159177	-1.348159	4.285278
Accession16	1.302717	1.224991	-0.729833
Accession17	0.939077	-0.797005	-0.680135
Accession18	0.649035	-1.006606	-0.759495
Accession19	0.167015	-0.293982	0.219119
Accession20	0.932356	0.547308	-0.730648
Accession21	1.392971	-0.055456	-0.668365
Accession22	1.331087	-0.250208	-0.593739
Accession23	0.576845	1.387211	-0.705572
Accession24	0.801495	0.578825	-0.672668
Accession25	1.183933	-0.589472	-0.776241
Accession26	-8.107357	1.47193	5.430398
Accession27	-8.035983	-0.654459	2.807177
Accession28	0.851254	-0.482576	1.131603
Accession29	0.607637	1.07943	-0.740474
Accession30	0.623264	-1.059645	-0.735553
Accession31	0.394455	-0.905937	-0.738832
Accession32	0.284773	-0.881125	-0.708783

Pepper 32 Accessions VOCs log2 Mean-cent data	2H-Pyran, 2-ethenyltetrahydro-2,6,6-trimethyl-	3-Hexenoic acid, (E)-
Accession1	1.049799	3.219995
Accession2	-1.11412	0.817984
Accession3	-0.481846	1.045035
Accession4	1.131086	0.084527
Accession5	1.684315	0.080902
Accession6	0.093685	-0.417973
Accession7	0.912466	-0.075997
Accession8	2.427372	-1.061982
Accession9	-0.594927	-0.873511
Accession10	0.142056	0.110362
Accession11	-0.127726	-0.210783
Accession12	2.020578	-0.593757
Accession13	-0.200029	-1.320408
Accession14	-0.815459	-0.076806
Accession15	-1.378937	1.525489
Accession16	-0.185606	0.014045
Accession17	-0.45481	1.140626
Accession18	-0.766804	0.854367
Accession19	-0.972632	-0.838766
Accession20	1.19446	-0.471261
Accession21	-0.65247	-0.181929
Accession22	1.060385	0.387858
Accession23	-0.000261	-0.29381
Accession24	0.016815	-0.768285
Accession25	0.470078	0.60543
Accession26	-0.590812	1.113417
Accession27	-1.080089	-2.282559
Accession28	-1.216536	-0.931198
Accession29	-0.942168	-0.551133
Accession30	0.58445	0.131403
Accession31	0.081173	-0.040661
Accession32	-1.293494	-0.140631

Pepper 32 Accessions VOCs log2 Mean-cent data	3-Hexenoic acid, (E)-	5-Hepten-2-one, 6-methyl-	Myrcene	.beta.-Myrcene
Accession1	0.808554	0.214181	0.571253	-0.500888
Accession2	-1.982546	0.12531	-2.496254	-0.376371
Accession3	1.519886	-0.205717	-4.915025	-0.833904
Accession4	-0.207428	-0.864653	1.207837	-0.196479
Accession5	-1.993588	-0.181067	2.260192	-0.449082
Accession6	2.5106	0.291995	-0.572279	-0.553473
Accession7	-0.448228	-0.044221	0.934854	-0.332313
Accession8	0.362766	-0.422626	2.833585	-0.984166
Accession9	-1.286222	-0.284795	1.705714	0.123442
Accession10	1.798528	0.409443	-0.191143	-0.425937
Accession11	1.915149	0.521637	-0.643566	-1.116648
Accession12	1.11303	-0.164031	2.074531	0.409656
Accession13	-0.426419	0.393144	-0.899089	-0.991463
Accession14	1.673018	0.293029	-1.282335	-0.401401
Accession15	-1.939199	-0.561605	3.038997	0.851839
Accession16	-1.819271	-0.137789	-2.108204	-1.018245
Accession17	1.335447	0.095859	-0.779221	-0.003483
Accession18	1.612467	-0.055378	-0.663795	-1.060942
Accession19	-1.991216	-1.240047	1.359488	0.676284
Accession20	1.163433	0.263432	1.707095	-0.066926
Accession21	2.022455	0.685234	-1.062001	-0.45498
Accession22	-1.900084	-0.336191	0.934762	0.648384
Accession23	-1.591875	-0.413118	1.304717	0.262521
Accession24	3.225994	-0.391876	-0.204443	-0.934426
Accession25	-2.007913	-0.109969	0.361302	-1.003678
Accession26	-0.423217	0.17117	-1.485877	1.891269
Accession27	6.211527	0.285132	-5.015628	0.833312
Accession28	-1.936913	-0.700196	1.691255	0.049232
Accession29	-1.977056	-0.647521	-0.225522	-0.23732
Accession30	-1.486159	1.900185	1.470183	2.966147
Accession31	-1.907524	0.188321	-0.114868	2.287911
Accession32	-1.947995	0.922741	-0.796503	0.942115

Pepper 32 Accessions VOCs log2 Mean-cent data	Linalool oxide A, dehydroxy-	2-Hexenoic acid, (E)-
Accession1	0.162983	-1.054324
Accession2	2.8069	1.199873
Accession3	-0.948648	1.300322
Accession4	2.692514	0.873276
Accession5	-0.087477	0.460532
Accession6	-0.827249	1.362856
Accession7	0.487434	0.908003
Accession8	1.363117	0.398531
Accession9	-1.064594	0.411871
Accession10	-1.354598	1.327829
Accession11	-0.877545	1.427511
Accession12	0.224729	1.024073
Accession13	-1.908309	0.218559
Accession14	-1.716861	0.270886
Accession15	0.247469	-5.400299
Accession16	0.129307	1.631205
Accession17	-0.225065	0.492152
Accession18	-0.428086	0.80773
Accession19	0.234522	0.92235
Accession20	-0.245884	0.834541
Accession21	-1.6982	0.895144
Accession22	-0.279413	1.498398
Accession23	0.067869	0.52984
Accession24	-0.570724	0.854298
Accession25	0.85701	-5.329099
Accession26	0.797712	-5.469229
Accession27	0.280784	-5.493246
Accession28	-2.005745	1.230606
Accession29	-0.975669	0.96653
Accession30	2.22296	-0.101485
Accession31	2.391609	0.675597
Accession32	0.247165	0.325156

Pepper 32 Accessions VOCs log2 Mean-cent data	Orthoformic acid, triisobutyl ester	2-Hexenoic acid, (E)-
Accession1	-0.872564	-1.9457
Accession2	0.285904	-1.905474
Accession3	0.381514	4.746914
Accession4	-0.241273	-1.788877
Accession5	-0.133341	-1.960763
Accession6	0.274478	-1.818297
Accession7	-0.226793	-1.844445
Accession8	-0.183908	-2.052808
Accession9	0.134839	-0.973012
Accession10	0.019796	4.782755
Accession11	0.727438	-1.965819
Accession12	0.316921	-1.866603
Accession13	0.217459	-1.787384
Accession14	0.635876	4.864054
Accession15	-4.379066	6.61145
Accession16	1.236291	4.815104
Accession17	-0.680951	-1.925036
Accession18	-0.045844	-2.005183
Accession19	0.362487	-1.90224
Accession20	-0.468878	-1.999988
Accession21	0.542353	-1.948199
Accession22	0.409004	4.791622
Accession23	-0.185303	-1.929969
Accession24	0.596308	-1.930381
Accession25	0.268746	6.106628
Accession26	2.609143	6.276274
Accession27	3.313151	-1.867916
Accession28	-4.375202	-1.90224
Accession29	-0.886456	-1.891777
Accession30	0.135584	0.075169
Accession31	0.058958	-1.864765
Accession32	0.153318	-1.993089

Pepper 32 Accessions VOCs log2 Mean-cent data	Propanoic acid, 2-methyl-, 1-methylbutyl ester
Accession1	-2.091868
Accession2	-2.109165
Accession3	-2.275831
Accession4	-2.145205
Accession5	-2.116301
Accession6	-2.210735
Accession7	3.067447
Accession8	-2.132287
Accession9	-0.707537
Accession10	-2.137924
Accession11	-2.090306
Accession12	-2.1347
Accession13	-2.091086
Accession14	-2.179673
Accession15	5.477095
Accession16	2.353391
Accession17	-2.267863
Accession18	-2.142773
Accession19	0.333633
Accession20	-2.245956
Accession21	-2.152521
Accession22	1.328897
Accession23	0.816481
Accession24	-1.914149
Accession25	-2.239017
Accession26	0.036655
Accession27	4.013436
Accession28	2.904366
Accession29	3.734329
Accession30	6.772713
Accession31	6.763391
Accession32	1.783072

Pepper 32 Accessions VOCs log2 Mean-cent data	3-Methyl-1-butanol, 2-methylpropanoate	Linalool oxide A, dehydroxy-
Accession1	-2.848703	0.37523
Accession2	-2.989037	2.533603
Accession3	2.561515	-0.535636
Accession4	-3.07671	2.548411
Accession5	-3.077605	0.273063
Accession6	-2.849467	-0.596735
Accession7	-3.056272	0.605706
Accession8	-1.750493	1.409179
Accession9	3.327448	-0.139408
Accession10	-2.926408	-0.985337
Accession11	-2.825208	-0.686337
Accession12	-2.963161	0.4307
Accession13	-1.644878	-2.400954
Accession14	-0.084338	-1.260401
Accession15	6.542847	-4.964159
Accession16	1.689569	-0.573147
Accession17	-2.923991	0.049918
Accession18	-2.803569	-0.089293
Accession19	4.95248	1.317767
Accession20	-2.881941	0.04799
Accession21	-2.976459	-1.313904
Accession22	3.121696	0.070082
Accession23	3.846369	0.579735
Accession24	-2.915563	-0.20583
Accession25	-0.720993	0.753634
Accession26	1.222213	-0.514881
Accession27	2.265613	-4.941089
Accession28	6.725756	3.204324
Accession29	4.351828	0.653261
Accession30	4.616522	1.774045
Accession31	-2.847176	2.15327
Accession32	2.938113	0.427189

Pepper 32 Accessions VOCs log2 Mean-cent data	.alpha.-Phellandrene	3-Methylbutyl 2-methylpropanoate
Accession1	0.290316	-0.005325
Accession2	0.488146	0.786821
Accession3	0.216551	1.007303
Accession4	0.819829	0.851999
Accession5	1.280703	-0.289172
Accession6	-0.774544	-1.031981
Accession7	0.215126	0.377693
Accession8	1.128973	-0.70577
Accession9	-0.273916	-0.211769
Accession10	-0.570411	-0.823776
Accession11	-1.098544	-1.466232
Accession12	0.89875	0.326077
Accession13	-1.37947	-1.359189
Accession14	-1.059929	-0.879566
Accession15	-0.088352	-0.365257
Accession16	-0.787564	-0.19849
Accession17	1.029072	1.785618
Accession18	0.96338	1.718428
Accession19	-0.16667	0.088299
Accession20	0.634544	0.422632
Accession21	-0.964514	-0.66212
Accession22	0.364503	0.209269
Accession23	0.458794	0.311661
Accession24	0.020967	0.537918
Accession25	-0.195621	-0.275307
Accession26	0.069502	0.792992
Accession27	0.16011	0.897747
Accession28	-0.614968	-0.891022
Accession29	-0.96638	-0.726635
Accession30	0.26091	0.233803
Accession31	0.371757	-0.29107
Accession32	-0.731034	-0.165565

Pepper 32 Accessions VOCs log2 Mean-cent data	Cyclohexane, 1,1,3,5-tetramethyl-, cis-	alpha-Terpinene	2-Ethyl-1-hexanol
Accession1	-1.614936	-1.682329	0.048815
Accession2	0.831429	0.728903	0.167439
Accession3	4.806757	4.746889	-0.085855
Accession4	-3.588036	-3.331915	-0.488102
Accession5	-3.628678	-3.207213	0.381521
Accession6	-3.63446	-3.239532	1.340094
Accession7	2.745506	2.617135	-0.134331
Accession8	-3.427402	-3.23487	0.198339
Accession9	0.433541	0.34556	-0.178749
Accession10	-2.970841	-2.881031	1.246565
Accession11	-3.566557	-3.21255	1.463127
Accession12	-3.63584	-3.290214	0.325554
Accession13	1.314869	1.217705	1.036537
Accession14	-3.647765	-3.305609	1.287172
Accession15	1.36864	1.285653	-1.184693
Accession16	1.13364	0.99022	0.015469
Accession17	3.901121	3.848846	-0.173805
Accession18	3.065495	3.001787	-0.225368
Accession19	-2.171196	-2.357864	-1.232452
Accession20	0.654989	0.583577	0.264299
Accession21	-2.72014	-2.929794	1.141109
Accession22	2.88965	2.760274	0.142483
Accession23	2.41264	2.271441	-0.326332
Accession24	-2.701377	-2.668644	-0.064539
Accession25	1.580997	1.474729	0.786396
Accession26	2.623787	2.470693	0.660307
Accession27	5.160543	5.092318	0.733522
Accession28	0.318053	0.220608	-6.80265
Accession29	-0.918505	-0.996774	-1.432686
Accession30	1.422968	1.270194	0.335588
Accession31	2.820581	2.724983	0.206966
Accession32	-1.259471	-1.313164	0.548262

Pepper 32 Accessions VOCs log2 Mean-cent data	p-Cymene	Limonene	1,8-Cineole	Butyl isovalerate	Pentylisobutyrate	(E)-Ocimene
Accession1	1.046082	0.668371	1.585677	-0.410995	-1.989441	4.72718
Accession2	-1.193351	-2.526751	-2.115013	0.567242	-0.410535	-3.191231
Accession3	-1.896355	-1.68359	-2.074824	-0.156674	5.829342	-2.396749
Accession4	0.323416	1.00136	-2.098804	-1.062818	-1.983148	0.45839
Accession5	1.33119	2.313763	2.686713	-1.584137	-1.974539	1.79232
Accession6	0.17705	-0.749022	0.931108	-1.145345	-1.872145	-0.769772
Accession7	0.6245	0.880821	-2.139675	0.859695	-2.048991	0.379954
Accession8	1.608857	2.744087	3.080916	-1.498191	-2.088976	2.896635
Accession9	0.623498	0.220383	3.280367	-1.524213	3.133205	1.456419
Accession10	-0.016942	-0.522135	-0.214549	-0.544827	-1.891903	-0.221694
Accession11	-0.108447	-0.892918	-0.197618	-1.605223	-2.126628	-1.256237
Accession12	1.279022	2.143064	3.064435	-0.183054	-2.034278	1.738447
Accession13	-0.497523	-1.027086	1.608317	0.813385	-1.278728	0.665937
Accession14	-0.415592	-1.502517	-2.088363	-1.549928	-2.04817	-1.938107
Accession15	1.979276	0.441456	3.989205	4.002317	4.522446	1.547333
Accession16	-0.816978	-1.346804	-2.168144	0.765539	-1.972199	-1.59637
Accession17	-1.204088	-0.941729	-2.013522	0.916847	-2.03184	-1.573357
Accession18	-1.42038	-0.924223	-2.11013	0.932126	-1.974539	-1.587184
Accession19	-0.565341	-0.046755	0.390361	-0.497053	5.385756	0.63625
Accession20	0.904716	1.30209	2.681824	-0.35086	-1.979228	1.488432
Accession21	-0.465289	-1.66662	0.850237	-0.658052	-1.982363	-0.443198
Accession22	0.154426	1.322205	-2.024198	-0.815007	3.602878	0.642762
Accession23	0.111129	0.915371	-2.050458	-1.380265	4.711847	1.926334
Accession24	0.080491	-0.367702	0.574539	-0.517087	-2.026978	-1.149299
Accession25	-0.073941	-0.13599	0.486831	-1.702368	-2.077199	-0.22565
Accession26	-0.443065	-1.236998	-2.069286	0.777494	3.192088	-2.58471
Accession27	-0.978195	-1.940099	-2.020376	1.744537	0.553662	-2.774638
Accession28	0.054564	-0.163952	1.830745	4.01167	6.336271	-0.370396
Accession29	-0.794794	-0.846998	-2.070867	1.731901	4.535133	0.250486
Accession30	1.684961	2.332582	4.418718	2.776475	-1.973759	2.604811
Accession31	0.417624	1.917337	-1.973071	-1.548356	-1.993388	-0.238323
Accession32	-1.510508	0.318995	-2.031102	-1.164779	-2.04366	-0.894788

Pepper 32 Accessions VOCs log2 Mean-cent data	Phenylacetaldehyde	Pentyl 2-methylpropanoate	2-methylbutyl isovalerate
Accession1	-4.404816	-1.075168	-1.329277
Accession2	-0.588118	-2.715152	-0.858288
Accession3	-0.323856	3.37951	-0.548128
Accession4	0.351681	-1.927433	-1.374856
Accession5	0.565187	-2.444757	-1.357397
Accession6	-0.237577	-2.288904	-0.366497
Accession7	0.297296	-2.467574	-1.092917
Accession8	0.449552	-2.721808	-0.995791
Accession9	0.099258	1.754774	-0.717997
Accession10	0.185871	-2.544161	-1.282845
Accession11	0.35049	-2.851254	-1.440185
Accession12	1.14902	-2.658001	-1.429365
Accession13	-1.919274	-2.731479	-1.45277
Accession14	0.040976	-2.472555	-1.422748
Accession15	0.831582	5.206441	4.533724
Accession16	0.052639	1.255024	-0.184058
Accession17	-1.208389	-2.809689	-1.33315
Accession18	-2.139032	-2.904953	-1.351101
Accession19	0.602061	3.952998	-1.324643
Accession20	1.489812	-2.933001	-1.418627
Accession21	-0.277144	-2.318309	-1.389298
Accession22	0.678759	2.28706	-0.951063
Accession23	0.866126	1.332838	-0.92511
Accession24	0.501564	-0.469284	-0.677552
Accession25	-0.368495	0.872514	0.683047
Accession26	1.312432	2.739172	0.909543
Accession27	1.048032	2.857738	-1.355821
Accession28	-1.30106	4.955848	1.286301
Accession29	-0.32991	1.608805	2.966422
Accession30	0.588729	3.7758	6.826387
Accession31	0.985239	3.322553	8.345789
Accession32	0.651375	1.032419	1.028256

Pepper 32 Accessions VOCs log2 Mean-cent data	2-Octenal, (E)-	7-Methyl-1,6-dioxaspiro[4.5]decane 'Conophthorin'
Accession1	-0.207407	3.312047
Accession2	-0.424356	2.788601
Accession3	-0.855822	0.648109
Accession4	-0.512478	-2.34299
Accession5	0.331505	-2.660929
Accession6	1.083424	-2.089704
Accession7	-0.866187	2.291451
Accession8	-0.005695	1.723948
Accession9	-1.01198	1.458308
Accession10	1.383829	-2.495567
Accession11	1.222055	-2.312293
Accession12	0.842209	0.462281
Accession13	0.978966	-1.608001
Accession14	1.631224	-1.979272
Accession15	-0.426516	-0.015714
Accession16	-0.860311	1.647666
Accession17	-0.327114	0.823011
Accession18	-0.242912	0.960201
Accession19	-1.626081	1.459588
Accession20	0.023323	0.818132
Accession21	1.383589	-2.050794
Accession22	0.045364	1.638083
Accession23	-0.721194	3.048913
Accession24	-0.769957	-3.118786
Accession25	0.820066	-1.332919
Accession26	0.223755	0.841796
Accession27	1.091721	-1.561862
Accession28	-2.154255	-2.116776
Accession29	-0.853438	-1.904869
Accession30	0.242785	1.810862
Accession31	0.208454	0.434578
Accession32	0.353464	1.422894

Pepper 32 Accessions VOCs log2 Mean-cent data	gamma-Terpinene	1-Octanol	Linalool oxide B	Butanoic acid, pentyl ester
Accession1	0.910337	-0.577279	2.529671	-1.677546
Accession2	-2.236028	-0.1647	-0.211239	-1.576907
Accession3	-1.784002	0.904489	-2.651379	-0.57768
Accession4	0.888327	-0.828124	2.4543	-1.009019
Accession5	2.446083	-0.311474	1.100616	0.292785
Accession6	-0.090014	0.663322	-0.635786	-1.507621
Accession7	1.115396	-0.63653	2.15984	-0.926585
Accession8	2.960958	-0.33304	2.516794	1.053867
Accession9	0.613335	-0.156186	0.52392	1.700361
Accession10	-0.034318	0.495968	-0.993534	-1.624754
Accession11	-0.353048	0.623082	-0.225311	-1.155135
Accession12	2.274853	-0.197748	1.807169	0.468531
Accession13	-0.642924	0.532954	-2.881272	-0.455626
Accession14	-1.23846	0.640955	-1.895964	-0.580383
Accession15	0.625235	-0.845617	-1.045412	4.434176
Accession16	-1.162975	-0.140926	-1.573002	-0.740962
Accession17	-0.955109	-0.466895	-1.544336	-1.612841
Accession18	-0.950716	-0.565313	-1.541943	-1.778619
Accession19	-0.213558	-0.898397	1.102304	4.703569
Accession20	1.646647	-0.162628	1.036057	-0.263336
Accession21	-0.985749	0.554085	-1.716784	-1.256523
Accession22	1.161611	-0.229507	-0.067774	2.572035
Accession23	0.559422	-0.723611	1.617596	2.537397
Accession24	-0.349129	-0.453459	0.570164	-1.651721
Accession25	0.24348	0.5096	0.372698	-1.587749
Accession26	-1.044878	1.24326	-2.089739	0.326378
Accession27	-1.658731	2.067504	-1.954527	-1.617594
Accession28	0.101214	-0.700084	-1.327843	4.7162
Accession29	-0.661079	-0.662305	-2.00395	2.281817
Accession30	0.875361	0.101806	3.030279	-1.173684
Accession31	0.333496	0.135684	3.179819	-0.939919
Accession32	-2.395024	0.581124	0.358576	-1.372928

Pepper 32 Accessions VOCs log2 Mean-cent data	Benzaldehyde, 4-methyl-	Trans linalool furanoxide	terpinolene
Accession1	-0.485868	2.372471	1.058264
Accession2	0.688897	-0.271177	-2.25723
Accession3	-0.104605	-2.249855	-1.627653
Accession4	-1.201762	2.333364	1.361477
Accession5	-0.371393	0.941723	2.939556
Accession6	-0.146339	-0.810772	-0.155085
Accession7	-1.042661	2.063171	1.564377
Accession8	-0.62923	2.414574	3.484358
Accession9	-0.101254	0.335758	-0.424149
Accession10	-0.553596	-1.099869	0.063196
Accession11	0.978986	-0.403114	-0.35194
Accession12	0.105803	1.812878	2.555372
Accession13	0.333761	-2.830407	-0.704536
Accession14	-0.016516	-1.978241	-1.263102
Accession15	-1.254964	-1.064929	-1.054827
Accession16	1.071785	-1.269968	-1.067776
Accession17	-1.033379	-0.856953	-0.693434
Accession18	-0.422475	-0.774795	-0.69978
Accession19	-0.092908	0.981222	-0.966248
Accession20	-1.150454	1.009819	1.856586
Accession21	0.026806	-1.819321	-1.388481
Accession22	-0.064946	-0.208973	1.670628
Accession23	-0.39264	1.516403	0.838579
Accession24	-0.929443	0.346939	-0.578939
Accession25	-0.179775	0.279823	0.418123
Accession26	3.580129	-2.106086	-1.360453
Accession27	3.081748	-2.005436	-1.631133
Accession28	-1.151648	-1.274779	-0.340906
Accession29	0.657652	-1.972234	-0.386425
Accession30	0.083055	2.934502	1.048513
Accession31	0.521835	3.472948	0.410702
Accession32	0.195404	0.181341	-2.317627

Pepper 32 Accessions VOCs log2 Mean-cent data	Isopentyl 2-methylbutanoate	Linalool
Accession1	-3.604803	0.991138
Accession2	2.93584	-1.784428
Accession3	3.56755	-1.305042
Accession4	-3.591226	1.901278
Accession5	-3.542768	2.827888
Accession6	-3.604803	-0.150661
Accession7	-3.642193	1.887217
Accession8	-3.607212	2.976315
Accession9	3.67867	-0.335308
Accession10	-3.619318	0.550032
Accession11	-3.451196	-0.130363
Accession12	-3.688492	2.551941
Accession13	-3.639725	-0.040031
Accession14	-3.524437	-0.977543
Accession15	7.465961	-0.677107
Accession16	2.717948	-0.969873
Accession17	-3.579352	-0.021187
Accession18	-3.647142	0.041336
Accession19	7.714892	-1.108353
Accession20	-3.680577	2.547789
Accession21	-3.596801	-0.659298
Accession22	5.510388	1.880573
Accession23	5.930081	1.423891
Accession24	-3.55861	-0.068954
Accession25	-3.643841	1.108429
Accession26	1.261069	-1.41193
Accession27	2.083971	-1.232054
Accession28	8.450845	-9.108944
Accession29	6.754287	-0.442514
Accession30	3.907979	1.053604
Accession31	2.270354	0.557251
Accession32	-3.027349	-1.875118

Pepper 32 Accessions VOCs log2 Mean-cent data	Butanoic acid, 3-methyl-, 3-methylbutyl ester	2-Ethylhexanoic acid	Hotrienol
Accession1	-2.065161	-0.121514	0.805878
Accession2	2.607153	-0.229379	0.52248
Accession3	0.440107	-1.076781	-0.446455
Accession4	-2.42829	-0.675802	-2.769974
Accession5	-1.610008	0.32585	3.868004
Accession6	-1.275714	1.407673	-1.477894
Accession7	-2.252503	-0.884509	-2.7012
Accession8	-1.941936	0.036706	2.589573
Accession9	-1.261735	-1.328085	-4.753995
Accession10	-1.554996	1.766518	-0.325274
Accession11	-1.423488	1.681488	-0.32543
Accession12	-1.698846	0.987144	1.601755
Accession13	-1.461196	1.378551	-2.000419
Accession14	-1.223011	1.907001	-1.097792
Accession15	4.384367	-0.658821	0.326694
Accession16	1.29443	-1.523236	-2.007218
Accession17	-1.291636	-0.48989	0.659893
Accession18	-1.653566	-0.424438	0.560402
Accession19	0.928938	-1.686092	0.538702
Accession20	-1.81181	0.600412	0.876322
Accession21	-1.419893	1.50746	-1.982943
Accession22	-0.146914	-0.122883	2.362968
Accession23	0.147533	-0.803918	3.008165
Accession24	-2.059827	-0.814981	-2.425951
Accession25	1.614183	0.50411	1.282646
Accession26	0.560528	-0.312562	-1.656801
Accession27	2.787714	0.554837	0.983725
Accession28	4.86314	-0.762033	1.265516
Accession29	3.639421	-0.921019	-0.03121
Accession30	3.047285	0.189807	0.172731
Accession31	2.347431	-0.41255	3.027124
Accession32	-0.081718	0.400946	-0.449997

Pepper 32 Accessions VOCs log2 Mean-cent data	Hexyl 2-methylpropanoate	isobutyl hexanoate	4,8-Dimethyl-1,3,7-nonatriene, (E)-
Accession1	-5.754145	-0.218382	-2.709197
Accession2	2.343301	-2.575076	1.501735
Accession3	6.201831	2.821329	1.010512
Accession4	-0.421482	-0.309411	2.428762
Accession5	-1.938386	0.873335	0.475029
Accession6	-5.730079	-2.494213	-3.538036
Accession7	-1.093317	0.878893	3.254933
Accession8	-5.672009	1.823246	-0.023092
Accession9	4.099816	-2.531749	2.842025
Accession10	-3.283648	-2.648908	-3.146032
Accession11	-3.985806	-2.512476	-3.418006
Accession12	-5.264897	0.934978	-2.143106
Accession13	-5.089947	-2.653123	-3.547123
Accession14	-3.193799	-2.579081	-3.387269
Accession15	4.236211	6.022312	-2.188702
Accession16	1.044818	0.674199	1.573611
Accession17	0.558728	2.034403	-0.213558
Accession18	0.888011	1.533587	-0.80107
Accession19	5.865306	-2.60988	4.968575
Accession20	-5.793161	1.328399	-0.447864
Accession21	-5.705598	-2.451012	-2.479934
Accession22	5.625167	2.260057	-3.43324
Accession23	5.757066	0.437762	6.930913
Accession24	-5.623046	-2.613982	2.729333
Accession25	3.844111	-2.551282	3.411458
Accession26	5.229739	-0.752267	2.634677
Accession27	2.620502	2.462151	0.090121
Accession28	6.296029	2.338013	1.715622
Accession29	6.246325	-0.627603	-0.103675
Accession30	1.308455	2.341857	-0.235339
Accession31	-1.076283	3.870668	-3.543812
Accession32	-2.539815	-2.506744	-0.208265

Pepper 32 Accessions VOCs log2 Mean-cent data	myrcenol	Phenylethyl Alcohol	Alloocimene	p-Mentha-1,3,8-triene
Accession1	0.994931	0.534473	1.642235	1.381733
Accession2	-1.375143	-0.700926	-2.221436	-0.425967
Accession3	-0.971779	-1.490548	-1.554256	-1.070315
Accession4	1.382723	0.062575	1.270798	-2.473112
Accession5	2.101228	0.720904	2.555705	3.655336
Accession6	-0.065258	-0.027109	-0.528544	0.490447
Accession7	1.090672	0.252702	1.224409	-2.230116
Accession8	3.166742	0.972479	3.090059	1.919964
Accession9	-1.488072	-0.443913	-0.025994	-1.429663
Accession10	0.27532	-0.230303	-0.077988	0.511383
Accession11	-0.377746	-0.255872	-0.627653	-0.051745
Accession12	2.684448	0.629168	2.20919	1.213708
Accession13	-0.609607	-2.043566	-0.510696	-1.917409
Accession14	-1.201516	-0.792408	-1.450155	0.043366
Accession15	-0.981296	3.032237	-0.05477	0.091476
Accession16	-0.757806	-0.900617	-1.330522	-2.373178
Accession17	-0.299735	-2.870944	-0.703438	-0.187862
Accession18	-0.507309	-2.70959	-0.646646	-0.231517
Accession19	-1.099415	1.298276	-0.117961	0.115604
Accession20	1.53032	0.043869	1.748391	0.98885
Accession21	-1.68242	-0.766824	-1.112054	-0.627328
Accession22	1.558486	-0.070851	1.257767	1.711443
Accession23	0.054981	-0.434983	1.291677	2.230718
Accession24	-0.652907	-0.64358	-0.343854	-1.700377
Accession25	1.245108	-0.046426	0.137505	0.442903
Accession26	-1.385275	1.561185	-1.645163	-2.129982
Accession27	-1.030566	-0.189284	-1.953709	-0.141137
Accession28	-0.858153	2.173296	-0.311415	1.066082
Accession29	-0.81352	1.733745	-0.211655	-0.100352
Accession30	0.809799	0.890907	1.001747	0.218678
Accession31	0.832267	0.410182	0.113045	2.130904
Accession32	-1.569492	0.301748	-2.114619	-1.122549

Pepper 32 Accessions VOCs log2 Mean-cent data	Pentyl 2-methylbutanoate	n-Amyl isovalerate	Hexyl 2-methylpropanoate
Accession1	-2.498885	-0.420448	-3.758173
Accession2	1.267718	1.445992	1.584683
Accession3	4.956309	3.079588	6.863838
Accession4	-3.195013	-0.619649	-1.973688
Accession5	-0.05899	-0.493752	-3.859749
Accession6	-2.95118	-1.468472	-3.76037
Accession7	-3.180054	-0.912598	-2.732779
Accession8	-1.960381	-0.703193	-3.947163
Accession9	2.269952	-0.420539	-0.242684
Accession10	-3.074853	-1.945438	-3.79825
Accession11	-3.10436	-1.38786	-3.890708
Accession12	-2.467938	-1.664677	-3.867887
Accession13	-3.105929	-2.921614	-3.944661
Accession14	-3.127292	-2.151605	-1.917024
Accession15	3.73426	2.886362	7.801115
Accession16	0.30788	-0.427739	2.868097
Accession17	-1.921505	-1.442008	-2.942164
Accession18	-1.839234	-1.647576	-3.881908
Accession19	5.772561	2.349997	4.623713
Accession20	-2.957543	-1.58757	-3.924808
Accession21	-3.16443	-1.720454	-3.82944
Accession22	4.014474	0.873579	3.843512
Accession23	4.318978	1.393757	3.711735
Accession24	-3.105536	-1.821543	-3.818714
Accession25	1.786015	2.304567	4.038954
Accession26	2.736135	2.428822	6.752094
Accession27	2.005767	2.454176	3.822699
Accession28	6.996299	3.05341	7.920443
Accession29	5.299937	2.603088	7.21579
Accession30	0.620137	0.066788	2.660643
Accession31	-1.312214	0.393742	-3.919887
Accession32	-3.061083	-1.577145	-3.69726

Pepper 32 Accessions VOCs log2 Mean-cent data	3-Methyl-3-butenyl 3-methylbutanoate	iso-Amyl isovalerate	.alpha.-terpinol
Accession1	-2.243159	-1.821023	1.042145
Accession2	2.681193	0.707083	-1.068372
Accession3	4.606096	-0.698688	-0.914376
Accession4	-2.241429	-1.696344	1.411501
Accession5	-2.185477	-1.764277	2.056257
Accession6	-2.052137	-1.752053	0.055143
Accession7	-2.11489	-1.781564	1.098453
Accession8	-2.143682	-1.737521	3.114847
Accession9	1.036707	1.822526	-1.744325
Accession10	-2.05138	-1.712043	0.346755
Accession11	-2.166478	-1.701035	-0.327601
Accession12	-2.124424	-1.659857	2.670605
Accession13	-2.237976	-1.695563	-0.475503
Accession14	-2.058977	-1.818472	-1.206163
Accession15	3.435464	7.275348	-1.071493
Accession16	1.555266	0.15213	-0.7134
Accession17	-2.095229	-1.711253	-0.420885
Accession18	-2.130013	-1.792371	-0.632408
Accession19	3.952487	4.326312	-1.262774
Accession20	-2.026589	-1.63296	1.527296
Accession21	-2.151781	-1.724726	-1.775781
Accession22	0.546907	3.850751	1.599617
Accession23	1.6839	4.112572	-0.11874
Accession24	-2.169765	-1.852864	-0.675345
Accession25	1.483732	-1.680814	1.391304
Accession26	2.131953	-1.342299	-1.094862
Accession27	3.544669	-0.128659	-0.933295
Accession28	5.968681	6.799573	-0.780437
Accession29	5.276211	1.464881	-0.786831
Accession30	0.47271	1.273881	0.767438
Accession31	-2.039307	1.529307	0.561719
Accession32	-2.143277	-1.609983	-1.640493

Pepper 32 Accessions VOCs log2 Mean-cent data	Hexyl 2-methylpropanoate	Octanoic acid	Nerol oxide	2-Nonenal, (E)-	Camphor
Accession1	-2.037913	-0.391619	0.668562	-0.573646	0.001442
Accession2	-0.310735	-0.432352	0.652432	-0.413223	0.004615
Accession3	2.646667	-0.150208	-0.26818	-0.26648	-0.441076
Accession4	-0.980717	-0.45936	-2.781992	-0.629755	-0.310376
Accession5	-1.568688	-0.20294	4.055964	-0.217173	0.539139
Accession6	-4.044378	0.403984	-1.132816	-0.163577	0.932796
Accession7	-1.567842	-1.22367	-2.794242	-0.891143	-0.073133
Accession8	-0.448593	-0.676199	1.919791	0.070828	1.11081
Accession9	2.83392	-1.625927	-4.309213	0.096877	-0.361371
Accession10	-3.275567	0.660357	-0.430769	0.259176	0.759947
Accession11	-4.062555	0.530901	-0.411461	-0.062288	0.850844
Accession12	-0.917708	0.262646	1.039646	0.056771	0.848269
Accession13	-3.355645	0.535887	-1.624007	0.164237	0.712924
Accession14	-4.143521	1.082113	-0.974276	-0.003818	0.799322
Accession15	5.522552	1.270103	-0.284184	2.191642	-1.128391
Accession16	0.260326	-1.032309	-1.190754	-0.890513	-0.344914
Accession17	-4.127626	-0.782854	0.526804	-0.602319	-0.34102
Accession18	-4.001818	-0.265638	0.49551	-0.732279	-0.397166
Accession19	7.211525	-1.153008	0.817264	-0.361346	-1.919538
Accession20	-1.904164	-0.628182	0.525642	-0.048485	0.291102
Accession21	-3.961218	0.864798	-1.635709	0.235301	0.733943
Accession22	6.26115	0.396772	1.940223	0.537556	0.064193
Accession23	5.665936	-0.389965	2.484115	0.118601	-0.855642
Accession24	-2.860818	-1.167932	-2.295596	-0.22893	-0.401324
Accession25	-0.110207	0.834934	1.464663	-0.380515	0.409052
Accession26	1.651978	0.999105	-0.352471	2.059102	0.081187
Accession27	2.1922	1.630407	1.16326	1.037067	0.408722
Accession28	7.637648	-0.532475	1.326982	1.018664	-1.358837
Accession29	6.802254	-0.297649	0.539866	-0.767605	-0.855345
Accession30	-0.399611	0.914953	-0.364311	-0.214809	0.135252
Accession31	-1.543079	1.073662	2.029759	-0.186469	-0.065768
Accession32	-3.063749	-0.048349	-0.800492	-0.211451	0.170339

Pepper 32 Accessions VOCs log2 Mean-cent data	6-[(Z)-1-Butenyl]-1,4-cycloheptadiene	Ocimenol	1,4-dimethoxybenzene
Accession1	0.690666	0.994449	-0.045554
Accession2	-1.635445	-1.387727	0.111473
Accession3	-1.170621	-0.985554	-0.067173
Accession4	1.002647	1.304744	-0.488076
Accession5	2.003325	2.056708	0.144959
Accession6	-0.279907	0.067301	0.878285
Accession7	0.738354	1.03301	-0.176097
Accession8	2.849596	3.151389	0.076534
Accession9	-1.83967	-1.682498	-0.596675
Accession10	0.048669	0.351529	0.682375
Accession11	-0.61863	-0.285131	0.943147
Accession12	2.409269	2.696542	0.161113
Accession13	-0.77631	-0.446839	0.782564
Accession14	-1.478995	-1.106308	0.901659
Accession15	-1.248025	-0.937128	-1.249529
Accession16	-0.862851	-0.774404	0.006792
Accession17	-0.781317	-0.446752	-0.01381
Accession18	-1.016997	-0.674586	0.048768
Accession19	0.124212	-1.242973	-1.758932
Accession20	1.24618	1.535335	0.078525
Accession21	-1.996288	-1.603452	0.770046
Accession22	1.606026	1.626845	-0.053265
Accession23	-0.218578	-0.195653	-0.637194
Accession24	-1.085831	-0.737323	-0.439572
Accession25	1.747992	1.384677	0.282146
Accession26	-0.788609	-1.296592	0.209032
Accession27	-0.833423	-0.992172	0.657369
Accession28	3.044004	-0.23735	-1.180802
Accession29	0.565027	-0.771078	-0.46658
Accession30	0.417719	0.744349	0.131362
Accession31	0.148309	0.491862	0.027954
Accession32	-2.010485	-1.635221	0.27917

Pepper 32 Accessions VOCs log2 Mean-cent data	cis-3-Hexenyl Butyrate	2-Isobutyl-3-methoxypyrazine	Butanoic acid, hexyl ester
Accession1	-1.339374	0.342798	-2.409914
Accession2	1.1929	-0.360636	-0.820896
Accession3	-1.355805	0.224596	1.206451
Accession4	-1.460306	1.144121	-2.371441
Accession5	-1.298301	1.7188	-2.425432
Accession6	-1.405398	-1.599848	-1.644954
Accession7	-1.396872	1.877563	-2.498698
Accession8	-1.310259	0.635681	-2.289946
Accession9	-1.227041	1.098219	-0.798391
Accession10	-1.338556	0.618965	-2.396976
Accession11	-1.259136	-2.51753	-2.497834
Accession12	-1.403974	-0.241718	-2.382557
Accession13	-1.321512	-2.095196	-2.436146
Accession14	-0.211632	-1.278419	-2.392956
Accession15	8.199406	-0.957373	9.587173
Accession16	-1.374936	0.320137	1.672714
Accession17	-1.327981	0.367586	-2.40424
Accession18	-1.209764	0.105217	-2.448608
Accession19	6.091284	0.098373	5.02492
Accession20	-1.309459	-0.271999	-2.396976
Accession21	-1.416559	-0.303955	-2.522214
Accession22	3.585136	1.294434	3.387002
Accession23	3.609225	0.72175	3.092657
Accession24	-1.318288	-1.580862	-2.377385
Accession25	-1.30866	0.55759	-0.934327
Accession26	-1.38924	-0.647928	1.514791
Accession27	-1.311861	-1.550119	0.252537
Accession28	5.387377	0.340958	9.22226
Accession29	4.394746	0.0471	6.1693
Accession30	-1.425202	0.54541	0.764606
Accession31	-1.40711	0.507353	0.45945
Accession32	-1.332852	0.838961	-1.903978

Pepper 32 Accessions VOCs log2 Mean-cent data	p-Menth-1-en-9-al	3-Hexen-1-ol, 3-methylbutanoate, (Z)-
Accession1	2.738104	0.563126
Accession2	1.013176	-0.950308
Accession3	-1.969663	-1.330708
Accession4	1.790855	0.442817
Accession5	1.95385	1.96805
Accession6	0.806089	-0.210912
Accession7	1.674414	0.635359
Accession8	2.506788	2.701891
Accession9	0.067963	0.506906
Accession10	0.253199	-0.027607
Accession11	1.126219	-0.32869
Accession12	1.651892	1.795448
Accession13	-2.06017	-0.457163
Accession14	-0.388123	-0.818518
Accession15	-1.611751	5.227367
Accession16	-1.27998	-1.344584
Accession17	-1.573502	-1.013147
Accession18	-1.786963	-1.007584
Accession19	-0.510657	0.286707
Accession20	0.335463	1.381785
Accession21	-0.220812	-0.551525
Accession22	0.373056	0.724382
Accession23	0.054028	0.170653
Accession24	0.441446	-0.986879
Accession25	1.361259	0.823572
Accession26	-1.337027	-0.92747
Accession27	-1.321592	-0.926797
Accession28	-1.698132	-4.694592
Accession29	-1.958704	-1.668635
Accession30	0.073879	1.414847
Accession31	1.122252	0.169254
Accession32	-1.626858	-1.567046

Pepper 32 Accessions VOCs log2 Mean-cent data	3-Hexen-1-yl butanoate, (Z)-	Isobutyl 2-methylbutanoate
Accession1	1.430154	-6.097353
Accession2	0.833426	3.821671
Accession3	1.162488	6.026564
Accession4	0.723825	-6.038089
Accession5	1.296955	-1.996068
Accession6	-0.187243	-5.906389
Accession7	0.667504	-1.912844
Accession8	1.930362	-2.93379
Accession9	0.678781	4.072079
Accession10	-0.34269	-3.602683
Accession11	0.059378	-6.066594
Accession12	1.072753	-6.026044
Accession13	-1.915536	-6.015685
Accession14	-1.106171	-2.562256
Accession15	-4.553338	4.504749
Accession16	-1.246845	3.491241
Accession17	-2.080242	0.891617
Accession18	-1.727978	1.924368
Accession19	2.749059	6.031744
Accession20	0.395357	-6.076498
Accession21	-1.512108	-6.104935
Accession22	2.637692	5.899303
Accession23	1.879828	5.767254
Accession24	-0.969245	-5.990888
Accession25	0.716382	4.843409
Accession26	0.157463	5.480001
Accession27	-4.545018	4.752977
Accession28	3.810397	6.120565
Accession29	1.578732	6.106232
Accession30	0.683945	1.712191
Accession31	0.241056	-0.758095
Accession32	-4.519119	-3.357763

Pepper 32 Accessions VOCs log2 Mean-cent data	3,7-Dimethyl-2,3,3a,4,5,6-hexahydro-1-benzofuran #	alpha-Terpineol
Accession1	2.353465	0.683125
Accession2	0.692945	-1.017313
Accession3	-2.427658	-0.432055
Accession4	2.296824	1.142733
Accession5	2.311868	1.840185
Accession6	0.404505	-0.169989
Accession7	1.954707	1.121328
Accession8	2.637631	1.974083
Accession9	0.838934	-1.216681
Accession10	0.166772	0.326229
Accession11	0.858406	-0.204393
Accession12	1.265944	1.77158
Accession13	-2.571415	-0.29184
Accession14	-0.668691	-1.003275
Accession15	-1.148967	-1.16922
Accession16	-1.574402	-1.007915
Accession17	-1.69613	-0.35775
Accession18	-1.670107	-0.288782
Accession19	0.590528	-1.336008
Accession20	0.975231	1.682007
Accession21	-0.258688	-1.017979
Accession22	0.354689	1.121649
Accession23	1.062837	0.491291
Accession24	0.821821	-0.783421
Accession25	0.797203	0.898041
Accession26	-1.514085	-0.494402
Accession27	-1.767319	-0.268744
Accession28	-1.520554	-0.248995
Accession29	-1.981575	-0.116224
Accession30	-0.256286	0.517836
Accession31	0.906295	0.049215
Accession32	-2.234744	-2.194334

Pepper 32 Accessions VOCs log2 Mean-cent data	Heptyl 2-methylpropanoate	Naphthalene	Methyl salicylate
Accession1	-0.1315	-0.121819	-0.045296
Accession2	-0.687429	-0.061369	2.092726
Accession3	1.597059	-0.206192	1.298307
Accession4	-0.013789	-0.558624	-1.772392
Accession5	-4.330969	0.082663	0.602535
Accession6	0.396475	1.083645	-2.509363
Accession7	0.08981	-0.283731	0.705853
Accession8	-4.341277	-0.075747	0.312464
Accession9	-0.053978	-0.755268	1.714592
Accession10	0.210279	0.925325	0.379511
Accession11	0.282128	1.016439	-4.000322
Accession12	-1.202484	0.207434	-1.954077
Accession13	0.441313	0.967819	-3.723962
Accession14	0.692978	1.107523	-4.968692
Accession15	3.167759	-1.0917	0.700989
Accession16	1.310246	-0.003561	1.727812
Accession17	0.021796	-0.131975	1.684158
Accession18	-0.157229	-0.08687	1.698238
Accession19	0.183393	-1.503988	1.414446
Accession20	0.208512	0.245401	-1.967188
Accession21	0.357785	0.907013	-1.513186
Accession22	0.282418	-0.2321	3.207354
Accession23	0.317873	-0.773006	2.782799
Accession24	-0.210993	-0.119745	-2.321503
Accession25	-4.360501	0.063313	1.219538
Accession26	1.25646	0.19194	1.604061
Accession27	0.905164	0.515894	1.344448
Accession28	2.061207	-1.169685	1.183762
Accession29	0.164672	-0.484581	1.43614
Accession30	0.901134	-0.027012	0.917955
Accession31	0.384525	0.081184	2.960104
Accession32	0.257151	0.291382	-6.211813

Pepper 32 Accessions VOCs log2 Mean-cent data	Pentanoic acid, 4-methyl-, pentyl ester	6-Nonen-1-ol, (Z)-	Octanoic Acid
Accession1	-3.996265	-1.214232	1.575761
Accession2	3.806008	0.232369	0.92084
Accession3	0.452336	-1.240166	-3.162798
Accession4	-3.914783	-1.053859	0.657696
Accession5	-3.241933	-1.207396	0.971689
Accession6	-2.245862	-1.137493	0.383575
Accession7	-3.82585	-1.142376	0.476847
Accession8	-3.83529	-0.921381	1.406423
Accession9	0.604202	-1.106155	-0.313856
Accession10	-3.832924	-1.16538	0.175887
Accession11	-3.877736	-1.143191	0.769029
Accession12	-3.829514	-1.165933	0.709245
Accession13	-3.82585	-1.092706	-0.818316
Accession14	-2.121554	-1.172853	0.112937
Accession15	8.271623	-1.098229	1.672911
Accession16	4.588931	6.085911	1.770978
Accession17	-1.003342	-1.120535	-3.155856
Accession18	-0.920528	-1.170359	-3.287065
Accession19	3.14132	-1.110933	-0.74834
Accession20	-3.779556	-1.054626	-3.335044
Accession21	-3.17249	-1.15055	0.003774
Accession22	3.689652	-1.084069	1.939236
Accession23	3.589971	-1.138306	0.239573
Accession24	-3.451567	-1.09902	-0.113446
Accession25	0.679945	6.888521	1.845513
Accession26	-1.510524	8.156713	-3.15048
Accession27	0.67984	9.123119	4.107379
Accession28	8.203259	-1.077041	2.094904
Accession29	5.973598	-1.159595	2.240358
Accession30	4.49087	-1.202289	-3.267811
Accession31	4.358989	-1.080941	0.549192
Accession32	-0.144963	-1.177022	-3.270724

Pepper 32 Accessions VOCs log2 Mean-cent data	1-Methyl-1,4-cyclohexadiene	3-Hexen-1-ol, 2-methylbutanoate, (Z)-
Accession1	2.688556	-6.362837
Accession2	1.093657	3.542963
Accession3	-1.968097	4.635397
Accession4	1.812404	0.72784
Accession5	1.991085	2.066833
Accession6	1.071097	-0.767099
Accession7	1.725824	1.625683
Accession8	2.57198	2.206633
Accession9	0.006532	-0.124643
Accession10	0.587442	-1.222111
Accession11	1.35049	-1.286034
Accession12	1.726337	0.604393
Accession13	-1.813233	-3.857836
Accession14	-0.154867	-3.174283
Accession15	-1.916977	3.175951
Accession16	-1.304241	2.795761
Accession17	-1.520261	-1.60978
Accession18	-1.723391	-1.359302
Accession19	-0.450296	4.238247
Accession20	0.399752	0.490694
Accession21	-0.020531	-6.397454
Accession22	0.446697	1.298063
Accession23	-0.236605	2.670338
Accession24	0.596303	0.296534
Accession25	1.515765	3.429733
Accession26	-1.419286	-6.384278
Accession27	-1.501625	2.542683
Accession28	-2.814013	-6.368931
Accession29	-2.887563	5.392044
Accession30	0.225578	-0.219507
Accession31	1.304474	0.69701
Accession32	-1.38299	-3.302728

Pepper 32 Accessions VOCs log2 Mean-cent data	p-Menth-1-en-9-al	Hexyl 2-methylbutanoate	Hexyl 3-methylbutanoate
Accession1	3.086233	-3.274013	-4.872968
Accession2	1.442026	6.356327	5.76795
Accession3	-2.082569	6.213068	6.031462
Accession4	3.173004	-5.236477	-2.249957
Accession5	3.514557	-3.082937	-5.146991
Accession6	0.915398	-4.809662	-3.233819
Accession7	3.086664	-3.94611	-2.306365
Accession8	3.708887	-2.540652	-3.001287
Accession9	1.795027	-5.202199	-4.277102
Accession10	0.917965	-4.52721	-5.091596
Accession11	1.409058	-5.242005	-5.051401
Accession12	2.271387	-2.940962	-4.890343
Accession13	-1.910051	-3.393526	-4.932562
Accession14	-0.067295	-4.747113	-3.145006
Accession15	-7.022285	6.460077	6.964369
Accession16	-6.914943	5.706205	6.251194
Accession17	-0.268915	0.415226	0.70243
Accession18	-0.223259	1.202656	2.024895
Accession19	2.003014	2.850807	0.781445
Accession20	1.892704	-3.788702	-5.021166
Accession21	0.420565	-5.138203	-4.946316
Accession22	1.516529	1.031467	0.436022
Accession23	2.259005	1.123861	-0.145365
Accession24	1.927942	-4.726206	-4.914424
Accession25	1.766785	6.789284	6.979437
Accession26	-6.930945	6.619728	6.909693
Accession27	-6.990074	6.722767	6.854115
Accession28	-6.997639	5.38632	6.997425
Accession29	-0.122484	6.43586	6.484646
Accession30	1.16357	1.994978	2.268513
Accession31	2.275822	0.107979	1.140571
Accession32	-1.015664	-2.820626	-3.367509

Pepper 32 Accessions VOCs log2 Mean-cent data	Heptyl isobutanoate	1-p-Menthene-8-thiol	Isopentyl hexanoate	Hexyl n-valerate
Accession1	-1.657431	0.189703	-1.296732	-3.875336
Accession2	-1.614314	-0.618493	-0.000857	3.12279
Accession3	6.396876	-0.535554	-1.30239	3.310039
Accession4	-1.69206	1.420592	-1.359396	-3.747684
Accession5	-1.773372	2.36592	-1.372091	-1.53162
Accession6	-1.782021	-0.261364	-1.222812	-3.719036
Accession7	-1.738441	0.969801	-1.318684	-3.891229
Accession8	-1.728376	2.609807	-1.275108	-3.785138
Accession9	-1.732562	-0.280804	-0.724737	3.842301
Accession10	-1.677463	-0.295629	-1.348482	-3.709612
Accession11	-1.54864	-1.040464	-1.335162	-3.664151
Accession12	-1.652927	2.287229	-1.245475	-3.731433
Accession13	-1.706806	-0.579836	-1.247553	-3.701805
Accession14	-1.5717	-0.94875	-1.295119	-2.3401
Accession15	6.344415	-0.037519	8.510605	5.859029
Accession16	5.062587	-1.324851	3.388076	2.622661
Accession17	-1.701054	-0.605026	-1.367001	-3.773636
Accession18	-1.633753	-0.508335	-1.330198	-3.80173
Accession19	-1.730886	0.351657	3.126829	6.742162
Accession20	-1.821597	1.253284	-1.349319	-3.833791
Accession21	-1.625168	-1.019284	-1.310514	-3.771183
Accession22	-1.698595	0.858027	2.544176	7.265523
Accession23	-1.617407	1.973557	1.962195	6.940476
Accession24	-1.610457	0.633188	-1.325253	-3.829106
Accession25	-1.645543	-0.336366	-1.225113	2.493289
Accession26	7.096311	-0.578602	-1.371242	1.826741
Accession27	4.998013	-2.115601	-1.267182	0.336844
Accession28	6.556321	0.125115	7.135418	8.311152
Accession29	5.510653	-0.606144	-1.425788	8.162522
Accession30	-1.647122	-0.066112	1.224443	-0.748087
Accession31	-1.665409	-0.008625	1.727274	-0.581425
Accession32	-1.69206	-3.270525	-1.302795	-2.799438

Pepper 32 Accessions VOCs log2 Mean-cent data	Nonanoic acid	Geraniol	Heptyl isobutanoate	1,3-Ditertbutylbenzene
Accession1	0.172045	-0.059149	-1.135009	-0.886629
Accession2	0.149683	-0.300877	-0.510472	-0.475257
Accession3	-0.038942	-0.310968	-1.033754	0.6555
Accession4	-0.125057	0.283068	-1.046637	-1.306939
Accession5	-0.323637	0.904451	-0.974861	-0.904249
Accession6	0.330103	-0.004971	-1.065357	-0.895267
Accession7	-0.554935	-0.131483	-1.095992	-1.41791
Accession8	-0.857285	1.284142	-1.068638	-0.880612
Accession9	-1.623108	-1.447056	0.431204	-0.106894
Accession10	0.570658	0.242708	-1.001263	-1.291653
Accession11	0.481087	0.074751	-0.996568	0.176428
Accession12	0.113037	0.708448	-1.129859	-0.289248
Accession13	0.614218	0.228384	-1.009909	0.11294
Accession14	1.162666	0.540819	-0.970252	0.2463
Accession15	-0.015778	-0.263342	4.675812	-0.545365
Accession16	-0.736059	-0.94578	-1.052308	1.457521
Accession17	-0.204069	-0.41684	-1.078525	-0.689433
Accession18	0.197428	-0.088196	-1.014647	-0.148974
Accession19	-0.803446	-0.645361	4.711722	-1.316577
Accession20	-0.82473	0.284178	-0.998913	-1.882901
Accession21	0.883339	0.344818	-1.116217	-0.149664
Accession22	0.308407	0.411484	3.704893	0.584579
Accession23	-0.261917	0.061939	3.082046	-0.576984
Accession24	-0.392235	-0.481236	-1.080179	0.168573
Accession25	0.743139	0.361591	-0.94667	0.44782
Accession26	0.102985	-0.196831	-1.044212	4.369269
Accession27	0.861317	0.319937	-1.117066	3.818816
Accession28	-1.412325	-0.928713	5.072851	-1.076283
Accession29	0.399601	0.118593	4.083501	1.540257
Accession30	0.660147	0.371485	-1.132432	0.609728
Accession31	0.49902	0.137377	-1.14104	0.623602
Accession32	-0.075352	-0.457359	-1.001263	0.029515

Pepper 32 Accessions VOCs log2 Mean-cent data	2-Decenal, (E)-	3-Hexen-1-ol valerate, (Z)-	Cyclopentanol, 1-ethyl-	Hexyl n-valerate
Accession1	-0.560701	-0.948057	-0.334236	-2.09983
Accession2	-0.009086	-1.022605	5.157539	1.038751
Accession3	1.209365	-0.967347	0.727127	0.531758
Accession4	-0.690011	-0.91647	-1.502793	-2.11952
Accession5	-0.258012	-1.10477	-1.162913	-2.111916
Accession6	-0.076389	-0.84783	-0.618321	-0.906527
Accession7	-1.491361	-0.961695	-1.764215	-2.067107
Accession8	-0.630617	-0.981986	-1.734563	-2.146459
Accession9	-0.335724	2.117306	-1.342496	-2.299584
Accession10	-0.007566	-0.937716	-1.637866	-2.101335
Accession11	-0.175285	-1.059216	-0.894785	-2.332791
Accession12	-0.207707	-0.892969	-0.991522	-2.183443
Accession13	-0.171452	-0.955261	0.63403	-2.158943
Accession14	0.12961	-0.956866	-1.362636	-0.714622
Accession15	1.12182	-0.974648	3.41947	8.145864
Accession16	-0.569083	-1.045485	1.907727	3.049621
Accession17	0.520932	-0.97872	1.040555	-2.165226
Accession18	0.760948	-0.944867	0.561892	-2.258702
Accession19	-0.242289	-0.914908	1.294304	2.966506
Accession20	-0.364857	-0.955261	-1.262732	-2.252836
Accession21	0.179325	-1.028502	-0.844898	-2.194645
Accession22	-0.971382	5.48433	0.412684	2.785056
Accession23	-1.097047	5.109607	0.836904	2.374839
Accession24	-0.032364	-0.946062	-2.296378	-2.230018
Accession25	-0.147615	-0.929811	2.491053	0.978133
Accession26	0.167603	-0.859797	0.043841	1.90064
Accession27	0.046468	-0.890154	-0.640265	0.919782
Accession28	-1.803762	6.870376	0.438156	8.506941
Accession29	-1.331678	6.271058	-4.106257	5.199503
Accession30	2.289351	-0.964922	0.676314	-2.139483
Accession31	2.148774	-0.938508	1.628381	0.311913
Accession32	2.599783	-0.928234	1.2269	-2.226318

Pepper 32 Accessions VOCs log2 Mean-cent data	2,4-Decadienal, (E,Z)-	4-Methyl-1-hexanol 2-methylbutanoate	Nonanoic acid
Accession1	-0.985009	-3.409522	-1.118892
Accession2	0.466373	5.50906	-0.896112
Accession3	1.961925	3.306072	2.145583
Accession4	-0.995083	-3.296311	-2.072286
Accession5	-1.114779	-3.42633	-1.338993
Accession6	-0.621305	-3.4175	-0.342545
Accession7	0.636661	-3.396057	-1.28738
Accession8	-0.953035	-3.42472	-1.072067
Accession9	0.117391	-0.478798	-0.403333
Accession10	-1.891731	-3.429554	-0.898047
Accession11	-0.645091	-3.377259	-0.107434
Accession12	-0.903287	-3.39974	-1.314246
Accession13	-0.723767	-3.36101	-0.884753
Accession14	-0.587248	-3.395268	-0.379222
Accession15	3.239554	3.853127	3.667568
Accession16	4.730374	3.257574	-0.101739
Accession17	-0.84106	-0.984127	-3.022066
Accession18	-0.836702	-0.242783	-2.677038
Accession19	1.616758	1.792645	0.303823
Accession20	-1.000186	-3.40793	-0.802026
Accession21	-0.545614	-3.467984	-0.025022
Accession22	0.448808	2.146472	1.685107
Accession23	0.156613	1.11224	0.059828
Accession24	-1.088637	-3.447415	-2.438229
Accession25	0.649219	8.430267	1.332808
Accession26	1.399871	5.915337	3.32206
Accession27	1.739161	6.084412	4.472958
Accession28	-4.288948	6.823124	1.987996
Accession29	0.833785	7.13188	2.2391
Accession30	0.751277	-1.49961	0.665072
Accession31	-0.041019	-1.317804	0.291655
Accession32	-0.685273	-3.182476	-0.992112

Pepper 32 Accessions VOCs log2 Mean-cent data	2,4-Decadienal, (E,E)-
Accession1	-0.89048
Accession2	0.158647
Accession3	-0.742814
Accession4	-1.26619
Accession5	-0.239678
Accession6	-0.671863
Accession7	-1.294106
Accession8	-0.99657
Accession9	-1.192983
Accession10	-0.400015
Accession11	-1.080026
Accession12	-0.062314
Accession13	-0.728244
Accession14	-0.424888
Accession15	-0.390067
Accession16	-1.77837
Accession17	-0.084344
Accession18	-0.986545
Accession19	-0.01601
Accession20	-0.056851
Accession21	0.093622
Accession22	0.497182
Accession23	0.051022
Accession24	-2.108525
Accession25	0.159245
Accession26	5.715412
Accession27	5.432138
Accession28	0.450296
Accession29	0.253956
Accession30	1.60896
Accession31	0.505147
Accession32	0.485258

Pepper 32 Accessions VOCs log2 Mean-cent data	2,6-Octadienoic acid, 3,7-dimethyl-, (E)-, methyl ester 'Methyl geranate'
Accession1	-1.921821
Accession2	2.991863
Accession3	-1.81953
Accession4	-1.927001
Accession5	-1.755155
Accession6	-1.774479
Accession7	-0.000637
Accession8	-1.950545
Accession9	-1.717267
Accession10	-1.74979
Accession11	-1.793277
Accession12	-1.861067
Accession13	-1.765944
Accession14	-1.857765
Accession15	-1.809131
Accession16	2.311932
Accession17	-1.78934
Accession18	-1.761311
Accession19	1.9088
Accession20	-1.713532
Accession21	-1.843818
Accession22	-1.803562
Accession23	-1.912372
Accession24	-1.823549
Accession25	3.218282
Accession26	5.490584
Accession27	5.833222
Accession28	4.039227
Accession29	1.370152
Accession30	3.729069
Accession31	2.15419
Accession32	3.30358

Pepper 32 Accessions VOCs log2 Mean-cent data	1-Octadecyne	4-Methyl-1-hexanol 2-methylbutanoate
Accession1	-1.911001	-3.054181
Accession2	3.094287	5.325964
Accession3	0.635304	5.735472
Accession4	-1.864297	-2.995288
Accession5	-1.759083	-2.971765
Accession6	-1.870053	-2.944798
Accession7	-1.704437	-3.051713
Accession8	-1.711802	-3.17165
Accession9	-1.867583	-3.110435
Accession10	-1.911849	-3.085816
Accession11	-1.861018	-2.917576
Accession12	-1.969825	-2.955523
Accession13	-1.714018	-2.949385
Accession14	-1.770572	-2.982695
Accession15	-0.472839	5.415123
Accession16	1.141947	8.462532
Accession17	-1.011021	1.415619
Accession18	-1.883296	2.565596
Accession19	2.006418	-0.837092
Accession20	-1.874179	-3.079937
Accession21	-1.778283	-2.984262
Accession22	-1.801666	-2.994497
Accession23	-1.90255	-3.036178
Accession24	-1.809546	-3.000832
Accession25	3.787465	8.745441
Accession26	5.321768	7.763407
Accession27	5.293238	8.465921
Accession28	3.717567	-3.064926
Accession29	2.774593	3.674057
Accession30	3.171166	0.886993
Accession31	0.737798	-0.311667
Accession32	2.767379	-2.955909

Pepper 32 Accessions VOCs log2 Mean-cent data	Hexanoic acid, 3-hexenyl ester, (Z)-	Hexanoic acid, hexyl ester	Tridecane, 2-methyl-
Accession1	-1.519813	-3.375788	-0.634979
Accession2	-1.612247	3.56008	-0.131151
Accession3	-1.502015	2.400696	3.522741
Accession4	-1.627267	-3.324067	-2.750112
Accession5	-1.53941	-2.845977	-0.999614
Accession6	-1.639057	-1.215714	-3.33559
Accession7	-1.560877	-3.278605	1.131964
Accession8	-1.512048	-2.690121	-0.998975
Accession9	1.861751	-0.935674	3.569298
Accession10	-1.540989	-4.401696	-3.095343
Accession11	-1.676755	-4.249605	-2.313986
Accession12	-1.651514	-3.781715	-1.812159
Accession13	-1.630627	-4.355477	0.272964
Accession14	-1.475348	-2.046827	-2.38553
Accession15	-1.602321	7.908749	4.010054
Accession16	-1.571329	5.791925	0.324018
Accession17	-1.601497	-4.103355	-1.231195
Accession18	-1.620572	-2.789811	-1.931748
Accession19	4.502927	3.737757	5.061197
Accession20	-1.692465	-4.151718	-1.464043
Accession21	-1.520591	-4.381457	-1.168695
Accession22	6.081141	4.118258	3.502842
Accession23	5.138845	3.293356	2.561172
Accession24	-1.506251	-4.273325	1.192314
Accession25	-1.564085	3.410082	0.321962
Accession26	-1.581856	3.239313	0.018812
Accession27	3.530326	2.35615	2.196779
Accession28	8.77832	7.911718	-7.018907
Accession29	9.3941	6.997719	2.803654
Accession30	-1.572944	1.084711	-0.34008
Accession31	-1.471578	2.239489	3.175499
Accession32	-1.493963	-1.849071	-2.053171

Pepper 32 Accessions VOCs log2 Mean-cent data	alpha-Copaene	Isoitalicene	Cyclohexanol, 2,3-dimethyl-	alpha-Longipinene
Accession1	-1.623832	-2.22482	-2.954286	-2.23266
Accession2	3.091004	0.882924	2.091919	0.752561
Accession3	5.663462	3.398582	6.645011	3.983493
Accession4	-1.736546	0.937864	-2.829252	-2.27653
Accession5	-1.69566	-2.379468	-2.837102	-2.219914
Accession6	-1.639404	-0.4923	-2.869738	-2.290621
Accession7	-1.725423	-2.25607	-2.826124	-2.223886
Accession8	-1.606966	1.128395	-2.86251	-2.170794
Accession9	-1.859686	-2.258503	-1.805573	-1.164292
Accession10	-1.767174	-2.152167	-2.869738	-2.182338
Accession11	-1.742939	1.098772	-2.792922	-2.337177
Accession12	-1.834715	2.132268	-2.854787	-2.230795
Accession13	-1.678704	0.267245	-2.830035	-2.372888
Accession14	-1.840702	-2.283053	-2.935626	-2.285632
Accession15	5.040537	3.247972	2.528433	7.497779
Accession16	3.386802	1.628014	8.354888	5.623965
Accession17	-1.761482	-2.197339	1.443591	-2.288124
Accession18	-1.686386	-2.378586	2.747107	-2.226274
Accession19	-1.068678	0.184758	-0.311181	3.211837
Accession20	-1.771253	1.438313	-2.850544	-2.231061
Accession21	-1.745345	-2.342015	-2.88919	-2.314135
Accession22	-1.759049	-2.196562	-2.314601	1.840564
Accession23	-1.689471	-0.314551	-2.368753	1.73533
Accession24	-1.527545	-2.203184	-2.875384	-2.184658
Accession25	5.875607	3.636042	5.395228	3.039156
Accession26	6.061882	3.888281	7.453404	4.684972
Accession27	3.891515	1.534348	8.135448	5.153792
Accession28	-1.80347	-2.162	2.977375	4.66344
Accession29	1.072404	-2.321527	1.584085	0.814568
Accession30	-0.317029	1.33972	0.652774	-2.310752
Accession31	2.970718	1.766534	-0.237002	-1.227868
Accession32	-1.172468	1.652116	-2.894914	-2.231061

Pepper 32 Accessions VOCs log2 Mean-cent data	Hexanoic acid, hexyl ester	10-Undecen-1-ol	Cyclohexanol, 2,3-dimethyl-
Accession1	-4.357856	-2.40255	-3.352149
Accession2	1.737608	2.302775	2.008716
Accession3	4.366364	5.083056	4.782037
Accession4	-4.455823	-1.919068	-2.539192
Accession5	-4.496951	-2.816455	-4.245234
Accession6	-1.93625	-0.671012	-1.916573
Accession7	-2.184063	-1.015043	-1.682172
Accession8	-2.60724	-1.698993	-2.609352
Accession9	-0.43704	-5.208773	-1.392356
Accession10	-2.038354	-0.489403	-2.393113
Accession11	-4.326377	-0.861854	-2.233879
Accession12	-2.501687	-0.780077	-2.014204
Accession13	-4.518811	-2.259802	-4.99395
Accession14	-4.493617	-1.023472	-2.352886
Accession15	7.132094	1.783378	6.541562
Accession16	7.198846	6.919242	6.970523
Accession17	1.277261	1.677794	1.333255
Accession18	2.151845	2.720101	2.371457
Accession19	1.291507	-1.658575	0.419967
Accession20	-2.365071	-1.314034	-2.564285
Accession21	-3.29412	-2.57446	-4.943509
Accession22	-1.636929	-2.121123	-1.337311
Accession23	-0.617521	-1.381289	-1.412951
Accession24	-4.196712	-3.133485	-4.218131
Accession25	6.369411	6.782578	6.716968
Accession26	6.284286	6.766826	6.679177
Accession27	7.331721	6.943089	7.005174
Accession28	5.489882	0.049091	4.836808
Accession29	0.746666	-0.735	0.217448
Accession30	-0.526881	-0.57296	-1.042796
Accession31	0.399387	-1.231593	-0.595299
Accession32	-0.785577	-5.158912	-2.043738

Pepper 32 Accessions VOCs log2 Mean-cent data	Hexenyl (3Z)-hexenoate, (3Z)-	alpha-Ylangene	Isoitalicene	alpha-Copaene
Accession1	-1.279721	-0.130207	-0.720523	-1.930877
Accession2	2.15786	-0.250967	0.997993	1.132919
Accession3	2.424972	2.975088	1.402613	1.97422
Accession4	-1.302699	-0.126429	-1.263305	-2.340334
Accession5	-1.26756	-1.044682	-0.099652	-1.242414
Accession6	-1.261116	-2.09285	-2.225809	-2.498106
Accession7	-1.271602	0.028238	-0.760768	-1.814054
Accession8	-1.303527	-0.771331	-0.497865	-1.311192
Accession9	-1.326891	1.375607	-2.498032	-2.117381
Accession10	-1.1791	-2.164963	-1.50673	-1.227002
Accession11	-1.31934	-2.387096	-2.616905	-2.488939
Accession12	-1.300495	-1.46979	0.113685	0.717853
Accession13	-1.287067	-0.883266	-1.631162	-2.657437
Accession14	-1.205151	-1.828801	-1.778515	-1.941183
Accession15	6.944062	3.350719	3.755375	4.37113
Accession16	1.997727	3.424112	1.559006	2.147282
Accession17	-1.406436	-0.227713	1.044422	1.594481
Accession18	-1.258707	-0.412224	1.076904	1.540276
Accession19	0.358523	2.654602	1.198797	1.819536
Accession20	-1.280536	-1.898944	0.420996	0.913696
Accession21	-1.269176	-2.086556	0.241585	0.799992
Accession22	0.490403	1.756868	0.072668	-1.01253
Accession23	0.396466	2.138844	-1.135561	-1.967768
Accession24	-1.261919	-0.99112	1.343267	2.020735
Accession25	0.453658	0.75251	2.208891	2.501764
Accession26	1.212783	1.679173	2.29685	2.88813
Accession27	1.583081	2.71715	2.150774	2.454777
Accession28	2.078069	-6.198083	-1.561368	-0.931875
Accession29	1.395575	0.434446	0.868689	1.385107
Accession30	-0.244335	-1.025187	-2.05851	-2.959454
Accession31	1.72272	2.640486	2.075535	2.7246
Accession32	-1.190535	0.062336	-2.473346	-2.545962

Pepper 32 Accessions VOCs log2 Mean-cent data	beta-Damascenone	Benzyl 3-methylbutanoate	Jasmone, (Z)-
Accession1	0.934177	-2.297525	0.762475
Accession2	1.681215	4.016665	0.981575
Accession3	0.332619	3.605534	2.313909
Accession4	0.583841	-2.341968	0.307644
Accession5	1.622755	-2.40509	-1.150181
Accession6	-0.696425	-2.396842	-1.038527
Accession7	0.839375	-2.467643	-1.146819
Accession8	1.24585	-2.438565	0.575976
Accession9	-1.746622	0.590872	-1.099757
Accession10	-0.879609	-2.319186	-1.066832
Accession11	-0.921804	-2.316072	-1.109538
Accession12	0.414967	-2.338804	-1.139843
Accession13	0.13106	-2.335648	-1.006953
Accession14	-0.429951	-2.387823	-1.10464
Accession15	1.305168	4.031878	2.565899
Accession16	-6.771173	3.79856	0.719155
Accession17	0.593945	-2.371567	-1.147659
Accession18	0.706593	-2.327785	-1.185952
Accession19	-0.287855	-2.462469	-1.039305
Accession20	0.561943	-2.326218	-0.39682
Accession21	-0.500602	-2.343553	-1.04555
Accession22	1.728176	3.081939	0.674021
Accession23	0.603979	2.750493	-1.07639
Accession24	-0.72724	-2.419641	-0.874235
Accession25	2.375801	3.286908	2.508438
Accession26	0.786303	3.151047	2.094955
Accession27	2.412374	4.349283	0.797134
Accession28	-4.079978	5.695505	-1.047116
Accession29	0.267082	5.482668	0.475424
Accession30	-0.54861	1.161278	4.172966
Accession31	0.109436	-2.318406	-1.163704
Accession32	-1.646788	-2.387823	-0.109743

Pepper 32 Accessions VOCs log2 Mean-cent data	Octyl 3-methylbutanoate	.alpha.-Ionone	Sesquisabinene A
Accession1	-1.260665	-2.877892	-0.913676
Accession2	-1.32806	0.106229	2.172128
Accession3	-1.32541	5.521917	-0.894163
Accession4	-1.212515	-6.084819	-0.90856
Accession5	-1.286215	-4.829453	-0.778426
Accession6	-1.223168	-6.005715	-0.788572
Accession7	-1.127696	1.039694	-0.776094
Accession8	-1.096473	-3.130727	-0.936057
Accession9	-1.27083	3.150408	-0.615344
Accession10	-1.171465	-4.957377	-0.810671
Accession11	-1.175439	-4.834182	-0.811467
Accession12	-1.230314	-2.559531	-0.79695
Accession13	-1.131551	-0.178842	-0.804322
Accession14	-1.120784	-4.229506	-0.778426
Accession15	1.301323	3.374603	8.391224
Accession16	7.296495	-0.949339	7.244665
Accession17	-1.264892	-0.308415	-0.874079
Accession18	-1.257292	-0.601904	-0.863316
Accession19	-1.138515	4.738449	0.238968
Accession20	-1.206811	-2.192819	-0.805115
Accession21	-1.227287	-0.782527	-0.863316
Accession22	-1.296563	4.379374	-0.769897
Accession23	-1.181019	2.177019	1.710468
Accession24	-1.251827	-0.00036	-0.870758
Accession25	8.066345	3.158689	-0.864141
Accession26	7.465784	2.670359	-0.957029
Accession27	8.40991	3.840548	-0.84936
Accession28	-1.051234	5.535059	-0.714533
Accession29	-1.105541	5.107611	-0.968518
Accession30	-1.206811	-1.570774	0.162843
Accession31	-1.181019	3.553928	0.884989
Accession32	-1.210476	-2.259719	-0.792494

Pepper 32 Accessions VOCs log2 Mean-cent data	beta-Caryophyllene, (E)-	(E)-Geranylacetone	Tetradecane, 2-methyl-
Accession1	-2.179693	2.600398	-1.583547
Accession2	1.297747	2.451205	0.744568
Accession3	1.953969	-2.665696	4.896276
Accession4	-2.15021	-0.012338	-4.674747
Accession5	-2.280102	0.688203	-3.298543
Accession6	0.864493	1.71382	-4.369779
Accession7	-2.326697	0.521666	1.348032
Accession8	-2.157713	0.638837	-2.654224
Accession9	2.873446	-2.808622	2.979847
Accession10	-0.936718	1.906082	-2.846723
Accession11	-2.299888	1.87725	-2.904729
Accession12	-2.222846	1.189198	-2.19691
Accession13	-2.405782	3.804596	0.730698
Accession14	0.417313	1.781486	-2.653955
Accession15	6.902732	-2.661192	4.439205
Accession16	-2.216826	2.057977	-1.575276
Accession17	-2.291611	1.679611	-0.919846
Accession18	-2.173596	1.648166	-1.515663
Accession19	-2.181986	-2.801997	4.33816
Accession20	-2.241326	2.31379	-1.558982
Accession21	1.120303	1.2953	-0.193779
Accession22	0.274243	-2.790475	3.910116
Accession23	1.690013	-2.748467	2.351957
Accession24	-2.199301	-1.779858	1.531242
Accession25	3.204309	-2.79952	2.973167
Accession26	-2.239733	-2.839667	2.001303
Accession27	0.303222	-2.850736	3.308073
Accession28	4.635922	-2.713077	-6.757764
Accession29	2.644366	-2.675502	3.085415
Accession30	2.359457	4.991581	-0.177662
Accession31	1.339113	-2.832898	2.518099
Accession32	2.623374	1.820886	-1.27406

Pepper 32 Accessions VOCs log2 Mean-cent data	1-Pentadecene	n-Heptyl hexanoate	alpha-Himachalene	Pentadecane
Accession1	-2.779179	-2.540943	-0.590304	-0.804833
Accession2	-1.905171	-2.607172	0.72765	1.139359
Accession3	2.385184	2.047387	2.471886	3.769927
Accession4	-2.775796	-2.507354	-0.744081	-3.258729
Accession5	-2.700107	-2.51926	-0.111423	-3.142391
Accession6	-2.632774	-2.540134	2.004251	-2.518517
Accession7	0.82763	0.263983	-0.444667	1.093266
Accession8	-2.729253	-2.560494	-0.121987	-2.724512
Accession9	2.709812	2.518453	2.417255	1.830815
Accession10	-2.769896	-2.652783	1.966571	-2.423313
Accession11	-2.604746	-2.46375	1.973501	-1.370776
Accession12	-2.702781	-2.4589	0.838322	-2.515653
Accession13	-2.68893	-2.575334	1.501542	-0.522451
Accession14	-2.820401	-2.454576	1.537184	-2.020894
Accession15	5.184415	5.960073	0.973099	5.860301
Accession16	3.485782	4.973368	-3.774976	-1.700319
Accession17	-2.745704	-2.432642	0.121389	-2.158545
Accession18	-2.661359	-2.597041	0.192911	-2.530027
Accession19	5.948077	5.590973	3.914293	5.543904
Accession20	-2.741574	-2.646676	0.467951	-1.851857
Accession21	-2.532321	-2.569545	0.204445	-1.22563
Accession22	4.02452	3.707495	2.810701	4.455604
Accession23	3.324121	3.030165	1.287761	3.853236
Accession24	-1.125736	-2.610564	-0.76762	-1.152635
Accession25	2.981124	3.05806	-0.628196	2.163928
Accession26	1.959311	2.313071	-3.826786	1.169932
Accession27	2.501637	1.91381	-3.716051	2.482156
Accession28	5.633212	5.657915	1.568327	-5.605241
Accession29	3.836255	3.676884	-3.727943	2.708701
Accession30	-2.766534	-2.520058	-0.795946	-0.786337
Accession31	1.593779	1.084903	-3.893863	4.454562
Accession32	-2.712584	-2.539326	-3.835203	-2.213029

Pepper 32 Accessions VOCs log2 Mean-cent data	Cadina-1(6),4-diene	Eremophila-1(10),7-diene	.beta.-Ionone	gamma-Humulene
Accession1	-2.03616	-1.629679	-1.916192	-2.987049
Accession2	2.665099	1.58138	3.656981	2.456398
Accession3	4.099249	2.257545	3.001147	4.328276
Accession4	-2.003792	-1.664765	-2.836307	-3.745933
Accession5	-2.009404	-1.539306	-2.344597	-2.472617
Accession6	-2.011816	-1.587386	-2.408356	-2.684631
Accession7	-1.951925	-1.652975	-0.823962	-1.802478
Accession8	-1.979985	-1.283525	-2.938075	-2.200056
Accession9	-1.9244	-1.535435	1.860057	6.110672
Accession10	-1.884074	-1.466002	-1.318066	-4.38943
Accession11	-2.050138	-1.630504	-2.977028	-2.655379
Accession12	0.030471	-0.071932	-1.534973	-2.506568
Accession13	-2.106589	-1.676654	-0.185781	-2.652464
Accession14	-1.934279	-1.61245	-1.829551	-2.854098
Accession15	5.209105	4.535688	-0.895593	2.551342
Accession16	2.490673	0.749214	3.402965	2.166929
Accession17	-1.078088	-1.584984	0.498967	-1.138832
Accession18	-1.282758	-1.489027	0.821532	-0.855903
Accession19	-1.965107	-1.520819	3.443379	7.269655
Accession20	0.341471	0.078865	-0.995497	-2.475785
Accession21	0.464704	-0.382273	-2.273088	-2.523951
Accession22	-2.064254	-1.648787	3.584512	6.261168
Accession23	-2.146667	-1.608377	3.21086	4.357555
Accession24	0.944118	0.496961	-3.616935	-1.844982
Accession25	5.40684	4.514408	1.856181	1.171072
Accession26	3.378737	2.781304	1.060816	4.707542
Accession27	3.177359	2.508022	2.006577	3.581234
Accession28	-1.971353	2.528322	2.691651	3.637621
Accession29	3.382817	3.605333	0.476986	0.302858
Accession30	-1.219133	-1.485289	0.631449	-4.447329
Accession31	2.786025	2.081704	-0.971911	-0.583836
Accession32	-0.756749	-0.648578	-2.338162	-4.081006

Pepper 32 Accessions VOCs log2 Mean-cent data	Isorotundene	alpha-Amorphene	beta-Himachalene	gamma-Macrocarpene, (E)-
Accession1	-0.392549	-1.302352	-0.967134	-2.107903
Accession2	0.291453	1.99178	-1.089027	-2.168581
Accession3	-1.174181	3.120085	-0.946035	1.77915
Accession4	-1.060372	-1.39461	-0.90788	-2.112664
Accession5	-0.491946	-1.353519	-0.971226	-2.112664
Accession6	-0.221654	-1.430787	-0.981921	-2.265109
Accession7	-0.555698	-1.319207	-0.875301	-2.208797
Accession8	-0.350479	-1.257571	-0.971226	-2.097641
Accession9	2.260013	-1.360149	6.763398	0.060525
Accession10	-0.755188	-1.447456	-0.960608	-2.145628
Accession11	-0.724334	-1.290432	-1.000205	-2.072685
Accession12	-0.612572	-0.540075	-0.989926	-2.091884
Accession13	-1.05422	-1.372662	-0.937201	-2.196952
Accession14	-0.757685	-1.337079	-0.892275	-2.237112
Accession15	3.190351	3.399254	-1.009434	2.355806
Accession16	-1.116956	1.932752	-0.905528	2.715855
Accession17	-1.001479	-0.623183	-0.990204	-1.459649
Accession18	-1.123383	-0.981062	-0.914169	-2.206251
Accession19	3.259897	-1.272345	8.160401	1.631438
Accession20	-0.177521	-0.848735	-0.970407	-2.178531
Accession21	0.970318	-0.279002	-0.996863	-2.134288
Accession22	3.09967	-1.309552	7.153865	0.738971
Accession23	1.512854	-1.328927	5.146547	-0.900871
Accession24	-1.153071	-0.245822	-0.938404	-2.212626
Accession25	-1.078208	4.202001	-1.037481	4.964923
Accession26	0.362735	2.402377	-1.090807	4.836131
Accession27	-1.191801	2.64405	-0.941211	8.062776
Accession28	-1.276997	-1.306347	-1.004393	5.319665
Accession29	-1.001479	2.99965	-1.057357	6.058427
Accession30	-0.70553	-1.194013	-0.963052	-2.186874
Accession31	1.760461	1.599422	-0.918905	2.483218
Accession32	1.269548	0.50352	-0.996029	-1.910167

Pepper 32 Accessions VOCs log2 Mean-cent data	1-Tridecanol	delta-Cadinene	delta-Amorphene	2-Methylpentadecane
Accession1	-2.140322	-1.929147	-2.288101	1.046782
Accession2	-0.218873	3.439338	3.971253	1.723194
Accession3	0.818344	4.739868	5.272931	2.455791
Accession4	-2.111563	-2.14516	-2.372945	-4.418489
Accession5	-2.161454	-2.087227	-2.444115	-1.56969
Accession6	-2.159	-2.085582	-2.306611	-4.439491
Accession7	-2.231925	-2.092999	-2.451511	-0.625757
Accession8	-2.133881	-1.932838	-2.493307	-3.059666
Accession9	0.756963	-2.079021	-2.496703	3.650517
Accession10	-2.254455	-2.03947	-2.35203	-2.872817
Accession11	-2.198778	-2.035495	-2.428624	-4.358793
Accession12	-2.169665	-2.125308	-2.207274	-1.766837
Accession13	-2.038314	-2.201949	-2.530246	1.533804
Accession14	-2.057994	-1.947704	-2.443295	-2.840493
Accession15	4.79162	6.656569	7.163905	4.938984
Accession16	5.778929	3.20827	3.72295	-2.725904
Accession17	-2.106036	-1.994786	-1.975176	-1.910104
Accession18	-2.064103	-2.091348	-1.975769	-2.840225
Accession19	2.711666	-2.063555	-2.430246	5.238358
Accession20	-2.140322	-1.9492	-2.30289	-1.011392
Accession21	-2.234508	-2.178088	-1.90411	0.770183
Accession22	2.865618	-2.040266	-2.539849	6.272667
Accession23	0.576902	-1.977903	-2.502667	3.840805
Accession24	-2.093484	-1.830102	-1.523086	-1.195896
Accession25	2.643706	6.205723	6.767295	1.364548
Accession26	1.818398	3.988412	4.562575	-1.157076
Accession27	1.009198	4.167011	4.737512	1.768333
Accession28	6.50367	-1.995558	-2.513807	-4.455858
Accession29	5.177465	4.736742	5.252532	3.757782
Accession30	-1.518712	-0.065175	0.432068	-0.231248
Accession31	2.717215	5.025812	5.594459	4.592344
Accession32	-2.136292	0.720128	1.004884	-1.474339

Pepper 32 Accessions VOCs log2 Mean-cent data	Cadina-1,4-diene	Pentadecane, 3-methyl-	Longipinanol. epi-	hexyl octanoate
Accession1	-1.567952	1.613457	-1.125722	-1.085915
Accession2	2.866135	-1.031019	4.572501	-0.947124
Accession3	4.905321	-1.033468	2.663993	-0.978464
Accession4	-1.530863	0.603378	-1.09925	-1.050554
Accession5	-1.568788	-1.073223	1.546702	-1.129867
Accession6	-1.494703	-0.96409	-1.052473	-1.09259
Accession7	-1.579688	-0.091392	-1.082137	-1.055437
Accession8	-1.456333	-0.20733	-1.059633	-1.004193
Accession9	-1.003167	3.984695	-1.060431	0.528709
Accession10	-1.557139	-1.007561	-1.082948	-0.973065
Accession11	-1.44709	-0.866268	-0.974471	-1.039227
Accession12	-1.51817	-0.976864	-1.063093	-1.03708
Accession13	-1.452475	0.621132	-0.671156	-0.96999
Accession14	-1.487579	-1.110654	-1.10912	0.241829
Accession15	4.259155	-1.026134	-0.994913	6.649502
Accession16	2.744972	-1.029389	4.62042	5.971569
Accession17	-1.584747	-0.915103	-1.014876	-0.977692
Accession18	-1.445556	-0.962534	-0.961746	-1.062792
Accession19	0.302413	5.076324	-1.109945	2.334861
Accession20	-1.379593	-0.927954	-1.1383	-1.052994
Accession21	-1.446322	-0.938623	-1.134935	-1.018422
Accession22	-1.498677	5.69617	-0.994151	0.886136
Accession23	-1.463305	3.560013	5.246468	-0.993222
Accession24	-1.586437	-1.021265	0.330975	-0.99713
Accession25	5.568796	-0.969551	6.408928	2.496548
Accession26	4.284838	-1.085028	-1.07245	2.825188
Accession27	3.581866	-0.9571	-1.193234	-0.995565
Accession28	-1.628482	-1.066521	-1.011016	-1.0105
Accession29	1.729474	-0.975817	-1.021074	0.577094
Accession30	-1.134869	-1.095223	-0.217941	-1.032794
Accession31	1.76396	-0.910595	-1.062826	-0.003013
Accession32	-1.174998	1.087528	-1.082137	-1.003799

Pepper 32 Accessions VOCs log2 Mean-cent data	4,8,12-Trimethyltrideca-1,3,7,11-tetraene, (E,E)-	Hexadecane, 2-methyl-
Accession1	-3.554748	-0.628346
Accession2	-0.225498	0.728401
Accession3	0.334761	4.144622
Accession4	2.427742	-3.12937
Accession5	-4.598172	-3.094786
Accession6	1.80899	-3.167927
Accession7	0.900083	-1.485026
Accession8	-2.913847	-3.291895
Accession9	-4.436434	3.278705
Accession10	1.689378	-3.210758
Accession11	1.955681	-3.268244
Accession12	0.470559	-1.441786
Accession13	0.185905	2.814183
Accession14	1.029848	-3.16949
Accession15	-4.470051	3.605769
Accession16	0.834651	-2.304297
Accession17	-3.837884	-1.607396
Accession18	-2.985245	-3.17184
Accession19	2.100489	3.483762
Accession20	0.674004	-0.056302
Accession21	-3.611633	1.877604
Accession22	2.135031	4.805778
Accession23	4.499275	2.075201
Accession24	1.409452	-2.025529
Accession25	-0.9649	1.552217
Accession26	3.416569	-1.396291
Accession27	2.341211	-1.024467
Accession28	3.175301	5.781892
Accession29	3.660919	5.885787
Accession30	-0.927562	-1.873774
Accession31	-0.538484	0.769127
Accession32	-1.985386	-1.455513

Pepper 32 Accessions VOCs log2 Mean-cent data	9-Tetradecenal, (Z)-	Oxacyclotetradecan-2-one	Heptadecane	13-Tetradecanolide
Accession1	-0.776954	-1.706529	0.037409	-0.319149
Accession2	-0.739035	-1.748728	0.524738	0.147927
Accession3	0.912608	-1.767535	2.788368	2.485098
Accession4	-0.819772	-1.784196	-2.53856	-3.320619
Accession5	-1.017414	-1.763597	-1.550451	-3.815249
Accession6	-0.875952	-1.79702	-1.817448	-2.638435
Accession7	-0.963263	-1.89443	-1.618377	-2.819399
Accession8	-0.998844	-1.766747	-1.859939	-3.632583
Accession9	-0.083893	0.290631	2.626619	2.291533
Accession10	-0.857512	-1.910017	-0.725032	-1.276171
Accession11	-0.795912	-1.725557	-2.595496	-3.902349
Accession12	-0.902005	-1.769904	-1.69581	-2.591556
Accession13	-0.787539	-1.860382	2.076536	1.682227
Accession14	-0.882421	-1.813212	-1.467269	-2.385577
Accession15	-0.851152	4.873904	6.229633	5.647427
Accession16	1.331494	1.903296	-0.637637	-1.731153
Accession17	-0.883232	-1.803475	-1.693235	-2.944325
Accession18	-0.932728	-1.698988	-2.202625	-2.538264
Accession19	3.144528	3.666997	6.376492	5.730734
Accession20	-0.892996	-1.751065	-0.581049	-1.218595
Accession21	-0.870315	-1.784196	1.298929	0.862221
Accession22	1.47252	4.184267	5.078865	4.622288
Accession23	1.300592	3.269814	4.475948	3.971157
Accession24	-0.918947	-1.829588	-2.936556	-3.564141
Accession25	-0.780725	-1.767535	0.964318	0.657866
Accession26	-0.786781	3.609735	-3.780368	1.560957
Accession27	1.176344	2.997685	-3.640176	1.340217
Accession28	4.97391	6.174947	-3.76921	5.554333
Accession29	4.166583	4.858798	4.731068	5.348469
Accession30	-0.728069	-1.669209	-1.731205	-2.798771
Accession31	0.524795	1.518939	1.506552	2.199346
Accession32	-0.857909	-1.737096	-1.875025	-2.60546