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Note

Regulation of xylanase elicitor-induced expression of defense-related genes involved in phytoalexin biosynthesis by a cation channel OsTPC1 in suspension-cultured rice cells

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Abstract Signal molecules derived from pathogens/microbes or plants (pathogen/microbe/damage-associated molecular patterns; PAMPs/MAMPs/DAMPs), elicitors, trigger changes in cytosolic free Ca^{2+} concentrations ($[Ca^{2+}]_{cyt}$) to activate plant immune responses. A rice two-pore channel 1 (OsTPC1) has been suggested to be involved in fungal xylanase elicitor (TvX)-induced defense responses including $[Ca^{2+}]_{cyt}$ increase, phytoalexin production and hypersensitive cell death in suspension-cultured rice cells. However, little is known on the molecular links between $[Ca^{2+}]_{cyt}$ rise and elicitor-induced gene expression. To gain insights on the possible roles of OsTPC1 in TvX-induced gene expression, we performed DNA microarray analysis using a rice 44K oligo-microarray system, and revealed that TvX induce expression of thousands of genes including WRKY-type transcription factors, a serine hydrolase involved in hypersensitive cell death, and diterpene cyclases required for phytoalexin biosynthesis, which are suppressed in the *Ostpc1* knockout mutant. TvX-induced expression of genes involved in the methylerythritol phosphate (MEP) pathway, which is located upstream of the phytoalexin biosynthesis pathway, was also suppressed in *Ostpc1* cells. Possible involvement of OsTPC1 in the regulation of gene expression and metabolism in cultured-rice cells is discussed.

Key words: DNA microarray, phytoalexin, rice suspension-cultured cells, two-pore channel 1 (TPC1), xylanase elicitor.

Ethylene-inducing xylanase (EIX) is a potent elicitor to induce immune responses including ethylene biosynthesis, electrolyte leakage, alkalinization of extracellular media, expression of pathogenesis-related (PR) proteins and hypersensitive cell death in a variety of plant species such as tobacco (*Nicotiana tabacum*), tomato (*Solanum lycopersicum*), Arabidopsis as well as rice (Avni et al. 1994; Bailey et al. 1990; Bar et al. 2010; Benschop et al. 2007; Kurusu et al. 2005; Suzuki et al. 1999). Along with the induction of the defense responses, it also induces retardation in root growth (Kawaguchi et al. 2012).

A fungal EIX from *Trichoderma viride* (TvX) induces increase in cytosolic Ca^{2+} concentration ($[Ca^{2+}]_{cyt}$), leading to the activation of phytoalexin biosynthesis and synchronous hypersensitive cell death in suspension-cultured rice cells (Hamada et al. 2012). Xylanase activity itself does not appear to be required for the induction of the immune responses (Kurusu et al. 2005). Pharmacological analyses with Ca^{2+} channel inhibitors suggest importance of channel-mediated changes in $[Ca^{2+}]_{cyt}$ in the induction of TvX-induced responses (Hamada et al. 2012; Kurusu et al. 2005). Thus TvX-triggered immune responses in rice cultured cells provide a model system for understanding the roles of Ca^{2+} signals/channels in defense responses including hypersensitive cell death.

Activated Ca^{2+}-permeable channels localized at the plasma membrane (PM) and endomembranes such as the tonoplast induce cytosolic Ca^{2+} rise, and

Abbreviations: $[Ca^{2+}]_{cyt}$, cytosolic free Ca^{2+} concentration; CPS, *ent*-copalyl diphosphate synthase; Cy3, cyanin-3; Cy5, cyanin-5; DXR, DXP reductoisomerase; DXS, DXP synthase; EIX, ethylene-inducing xylanase; GGDP, geranylgeranyl diphosphate; GGPS, GGDP synthase; HDR, HMBDP reductase; HDS, HMBDP synthase; KSL, *ent*-kaurene synthase-like; MCS, MECDP synthase; MEP, methylerythritol phosphate; PAMPs/MAMPs/DAMPs, pathogen/microbe/damage-associated molecular patterns; PM, plasma membrane; TPC, two pore channel; TvX, EIX from *Trichoderma viride*.

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consequently form the spatiotemporal patterns of $[Ca^{2+}]_{cyt}$ (Jammes et al. 2011). While homologs of many major animal Ca^{2+}-permeable channels have not been found in plants, the two-pore channel (TPC) family, which are homologous to the α1 subunit of vertebrate voltage-dependent Ca^{2+} channels, are found in most plant species as well as in animals (Jammes et al. 2011; Kuchitsu et al. 2005). AtTPC1 from Arabidopsis shows a slow-activating vacuolar cation channel activity (Dadacz-Narloch et al. 2011; Hedrich and Marten 2011; Peiter et al. 2005), and has been shown to be involved in sucrose-induced Ca^{2+} rise (Furuichi et al. 2001), abscisic acid-induced repression of germination (Islam et al. 2010) and stomatal response to extracellular Ca^{2+} changes (Islam et al. 2010; Peiter et al. 2005). Tobacco NtTPC1s have roles in $[Ca^{2+}]_{cyt}$ rise and regulation of defense-related gene expression as well as hypersensitive cell death triggered by cryptogein, an elicitor from an oomycete, in tobacco BY-2 cells (Kadota et al. 2004; Kadota et al. 2005). Monocot TPC1s from rice and wheat appear to function in responses to abiotic stresses (Kurusu et al. 2004; Wang et al. 2005). They exhibit slow-activating vacuolar cation channel activity and are localized at least in part to the tonoplast (Dadacz-Narloch et al. 2013; Kurusu et al. 2012). In contrast, membrane fractionation by two-phase partitioning and immunoblot analyses revealed that OsTPC1 is localized predominantly at the PM in rice cultured cells (Hamada et al. 2012; Hashimoto et al. 2005). OsTPC1 expressed in HEK293T cells shows Ca^{2+}-permeable channel activity (Hamada et al. 2012). Unknown components that interact with TPC channels may affect their intracellular localization and properties.

OsTPC1 plays a role in the regulation of TvX-induced $[Ca^{2+}]_{cyt}$ rise leading to the activation of phytoalexin biosynthesis and hypersensitive cell death in cultured cells (Hamada et al. 2012; Kurusu et al. 2005). On the other hand, $[Ca^{2+}]_{cyt}$ rise induced by chitin fragments (*N*-acetylchitooligosaccharides) shows distinct kinetics from that induced by TvX, and was not affected in the *Ostpc1*-knockout mutant cells (Hamada et al. 2012). Similarly, flg22-induced $[Ca^{2+}]_{cyt}$ rise was not affected in the *attpc1*-knockout mutant in Arabidopsis (Ranf et al. 2008). These imply that the TPC family may not be important in the signal transduction of general pathogen/microbe-associated molecular patterns (PAMPs/MAMPs) such as chitin fragments and flg22, but may be one of multiple Ca^{2+}-permeable channels activated by some specific elicitors. Little is known, however, on the molecular links between OsTPC1 and Ca^{2+}-mediated signaling and TvX-induced gene expression. A series of microarray analyses have been performed in rice and revealed some key regulators to activate immune responses (Kaneda et al. 2009; Shimono et al. 2007). To investigate the involvement of OsTPC1 in the TvX-induced gene expression at various stages, we performed comprehensive DNA microarray analysis using the rice 44K oligo-microarrays (Agilent Technologies, Palo Alto, CA, USA), and identified a number of TvX-induced genes controlled by OsTPC1.

Total RNA was isolated from the wild-type and *Ostpc1* mutant (Kurusu et al. 2004) rice cultured cells treated with TvX (30 μg ml^{-1}; Sigma, St. Louis, MO, USA) for 0, 0.5, 2, 6, and 12 h using the RNeasy Plant Mini Kit (QIAGEN, Maryland, USA) according to the manufacturer's protocol. Cyanin-3 (Cy3) or cyanin-5 (Cy5)-labeled cRNAs were prepared using the Quick Amp Labeling Kit, Two-Color (Agilent Technologies) according to the manufacturer's protocol, and purified by the RNeasy Plant Mini Kit (QIAGEN). A total of 825 ng Cy3 or Cy5-labeled cRNA was fragmented and hybridized on a slide of rice 4×44K microarray (Agilent Technologies) at 65°C for 17 h. After hybridization, glass slides were washed in 6×SSC/0.005% Triton X-102 for 10 min at 24°C in the dark, followed by washing in 0.5×SSC/0.005% Triton X-102 for 5 min at 4°C. Slides were scanned on an Agilent G2505B DNA microarray scanner, and background correction of Cy3 and Cy5 raw signals was performed using the FEATURE EXTRACTION 10.5.1.1 (Agilent Technologies). To confirm that the mutant phenotype was due to the functional knockout of OsTPC1, we performed a comparative transcriptomic analysis as a complementation test using total RNA isolated from rice cultured cells of TvX-treated *Ostpc1*/*OsTPC1* and *Ostpc1*/*GUS* control lines (Kurusu et al. 2005) for 0, 2, 6, and 12 h. Each value represents the ratio of TvX-treated wild-type cells or complementation cell line (*Ostpc1*/*OsTPC1*) at 0 h.

For real-time RT-PCR analysis, total RNA was isolated from rice cultured cells using Trizol (Invitrogen, Carlsbad, CA, USA) according to the manufacturer's protocol. First-strand cDNA was synthesized from 3 μg RNA with an oligo-dT primer and reverse transcriptase (Invitrogen). Real-time PCR was performed using an ABI PRISM 7300 sequence detection system (Applied Biosystems Instruments, Foster City, CA, USA) with SYBR Green real-time PCR Master Mix (Toyobo, Osaka, Japan) and gene specific primers; *OsActin1*-F, 5′-TGC ACA GGA AAT GCT TCT AAT TCT T-3′ and *OsActin1*-R, 5′-ACG GCG ATA ACA GCT CCT CTT-3′; *OsDXS3*-F, 5′-GCT TCC AAA TGC AAA ATG ATA ATG-3′ and *OsDXS3*-R, 5′-GCA TGC CCC ATC TTC ATG TC-3′; *OsDXR*-F, 5′-TTG CAA GCT GGG TTC ACT GA-3′ and *OsDXR*-R, 5′-GAT CCA TCG ACG GGT ATT TCA-3′; *OsMCS*-F, 5′-GCT GAT TTC GGA TAC GTT GGA-3′ and *OsMCS*-R, 5′-GAC GGT CTT GCC AAC ATA AAG G-3′; *OsHDS*-F, 5′-TCA TCT GCC AGG CGT CTC TA-3′ and *OsHDS*-R, 5′-TCC CCT GGC CCA TTG AC-3′; *OsHDR*-F, 5′-CTG ATG GCT TGG TGA AGG TT-3′ and *OsHDR*-R, 5′-CAG CAC ATG CCG

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Table 1. Representative data of differentially expressed transcripts between the wild-type and *Ostpc1* knockout cells after TvX treatment.

Accession	Description	Symbol	Wild-type					*Ostpc1*					*Ostpc1/OsTPC1*				*Ostpc1/GUS*			
			0	0.5	2	6	12	0	0.5	2	6	12 (h)	0	2	6	12	0	2	6	12 (h)
MEP pathway																				
AK100909	1-deoxy-D-xylulose 5-phosphate synthase 2 precursor	*OsDXS3*	1.00	1.12	2.01	29.10	33.87	1.41	0.93	2.02	16.13	11.64	1.00	2.35	53.67	55.51	0.82	2.93	34.17	31.98
AK105762	Isoprenoid biosynthesis-like protein	*OsHDS*	1.00	1.18	2.33	14.22	12.49	1.33	1.19	2.15	10.01	5.23	1.00	3.93	18.21	12.12	0.61	3.76	10.37	6.68
AK059692	1-deoxy-D-xylulose 5-phosphate reductoisomerase	*OsDXR*	1.00	0.96	3.37	23.95	21.65	1.43	1.96	3.37	15.26	14.16	1.00	4.54	23.31	13.77	1.52	4.65	18.69	12.83
AK060238	2-*C*-methyl-D-erythritol 2,4-cyclodiphosphate synthase	*OsMCS*	1.00	1.05	4.11	9.73	10.58	1.13	1.33	3.15	5.35	6.18	1.00	4.54	8.91	7.87	0.61	3.21	6.83	6.16
AK062113	Isopentenyl/dimethylallyl diphosphate synthase	*OsHDR*	1.00	0.85	2.38	9.26	9.17	1.30	1.25	2.45	6.30	5.68	1.00	3.07	11.34	7.33	0.85	3.19	8.34	6.35
Phytoalexin biosynthesis																				
AK120768	GGDP synthase	*GGPS*	1.00	0.79	4.71	14.88	11.15	1.38	0.93	3.36	8.11	4.67	1.00	6.37	27.00	16.15	0.61	5.04	12.65	9.04
AY347880	Terpene synthase	*OsKSL4*	1.00	1.43	15.80	79.94	57.71	2.43	1.92	21.94	51.48	19.32	1.00	21.30	79.16	44.53	0.26	11.10	43.97	22.51
AK071546	Cytochrome P450	*CYP99A2*	1.00	1.02	6.99	49.70	28.72	2.59	1.59	6.31	24.94	12.45	1.00	14.34	162.30	74.31	0.86	15.79	97.07	47.58
AK120852	Momilactone A synthase	*OsMAS*	1.00	1.26	7.83	52.26	36.07	2.03	2.69	8.78	25.49	17.54	1.00	8.18	36.16	19.26	0.31	6.24	20.85	13.21
AK100631	Copalyl diphosphate synthetase	*OsCPS4*	1.00	1.15	3.80	12.72	12.03	1.28	1.12	3.33	11.19	8.84	1.00	5.99	16.86	15.18	0.69	4.69	9.76	9.24
AK068310	Terpene synthase, metal-binding domain containing protein	*OsKSL7*	1.00	0.97	4.17	50.57	63.77	0.96	1.30	3.06	29.22	26.10	1.00	2.79	60.75	47.26	0.81	3.13	39.12	44.65
Defense-related																				
AK063697	WRKY transcription factor 45	*OsWRKY45*	1.00	4.12	2.43	3.28	1.60	0.51	2.01	1.14	1.83	2.35	1.00	1.38	2.71	0.92	0.41	0.90	0.83	1.04
AK121190	WRKY transcription factor 53 (Transcription factor WRKY12)	*OsWRKY53*	1.00	6.47	5.41	2.79	1.87	0.77	1.47	2.52	2.15	0.84	1.00	5.76	3.53	2.95	0.82	3.40	2.09	1.51
AY676927	WRKY transcription factor 71 (Transcription factor WRKY09)	*OsWRKY71*	1.00	4.69	2.92	1.80	1.30	0.84	1.88	1.92	1.39	1.20	1.00	2.43	2.00	1.39	0.85	1.50	1.46	1.16
AK100934	Hydrolase	*hsr203J-like*	1.00	3.11	5.91	1.46	1.19	0.88	1.21	1.94	1.24	0.78	1.00	7.31	2.70	1.76	0.57	3.04	0.79	0.75

The relative expression level of each gene in the wild-type or the complementation line (*Ostpc1/OsTPC1*) at time 0 was standardized as 1.

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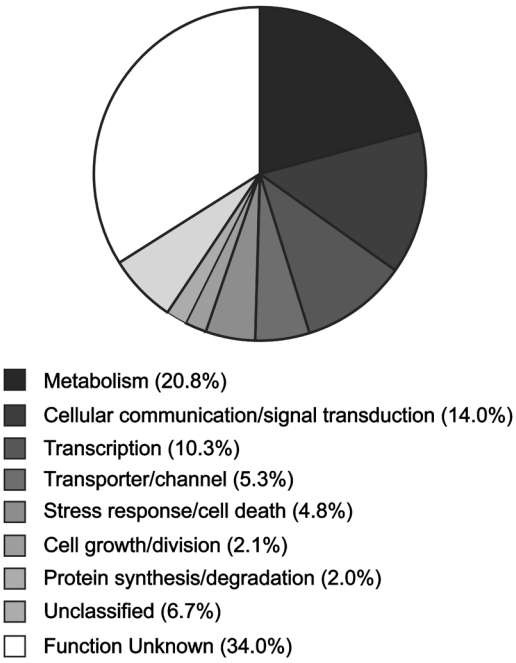

Figure 1. Gene ontology analysis of TvX-induced genes controlled by OsTPC1. Classification of genes whose expression differed by more than two-fold in wild-type and *Ostpc1* after TvX (30 μg ml^{-1}) treatment.

TAG TAT GC-3′. Relative mRNA abundances were calculated using the standard curve method and normalized to corresponding *OsActin1* mRNA levels.

We identified a total of 4,480 up-regulated probes (p-value log ratio <0.01; fold change >2) at each time point after elicitation by TvX in the wild type cells. Among them, 1,472 probes were suppressed less than twice at any time point in *Ostpc1* cells. Moreover, the expression of 1,140 out of 1,472 probes (77%) was restored more than 1.5-fold by introducing the wild type *OsTPC1* gene (Supplemental Table 1), suggesting possible involvement of OsTPC1 in the expression of these genes. Gene ontology analysis showed that OsTPC1 affects a variety of TvX-induced gene expression (Figure 1 and Supplemental Tables 1–3), such as a number of WRKY-type transcription factors including OsWRKY45, 53, and 71 that have been shown to be involved in defense responses against pathogens (Chujo et al. 2007; Liu et al. 2007; Shimono et al. 2007), was affected by the disruption of OsTPC1 (Table 1). This suggests that OsTPC1-mediated $[Ca^{2+}]_{cyt}$ rise may take part in the regulation of expression of transcription factors leading to the activation of various immune responses.

Hypersensitivity-related (*hsr*) gene, *Hsr203J*, that encodes a serine hydrolase with esterase activity, is postulated to regulate either the establishment or limitation of cell death in tobacco (Pontier et al. 1998). The expression of a rice *hsr203J* gene (Accession No. AK100934) was induced 0.5 h after the application of TvX in the wild-type cells, and the induced expression was severely suppressed in *Ostpc1* cells (Table 1). This result

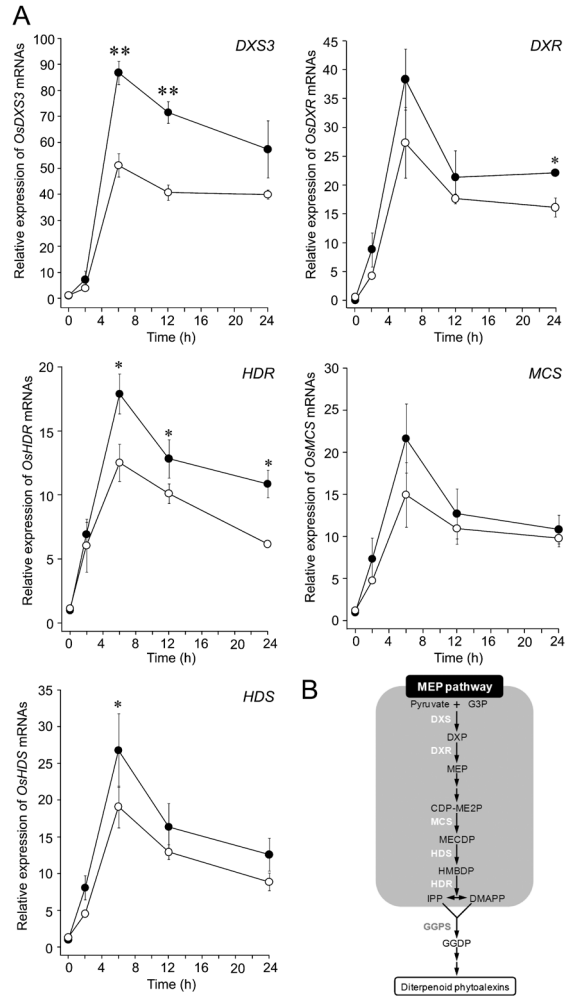

Figure 2. Expression levels of MEP pathway genes after TvX treatment in wild-type and *Ostpc1* cells. (A) Relative mRNA levels of *OsDXS3*, *OsDXR*, *OsMCS*, *OsHDS*, and *OsHDR* in the wild-type (solid circle) and *Ostpc1* (open circle) cells 0, 2, 6, 12, and 24 h after TvX treatment (30 μg ml^{-1}). mRNA levels were determined using real-time quantitative PCR. Average values and standard errors of three experiments for each line are shown. * $p<0.05$; ** $p<0.005$, significantly different from wild-type. (B) The MEP pathway genes induced by TvX-induced and affected by OsTPC1. G3P, glyceraldehydes-3-phosphate; DXP, 1-deoxy-D-xylulose 5-phosphate; MEP, 2-*C*-methyl-D-erythritol 4-phosphate; CDP-ME2P, 2-phospho-4-(cytidine 5′-diphospho)-2-*C*-methyl-D-erythritol; MECDP, 2-*C*-methyl-D-erythritol 2,4-cyclodiphosphate; HMBDP, 1-hydroxy-2-methyl-2-(*E*)-butenyl 4-diphosphate; IPP, isopentenyl diphosphate; DMAPP, dimethylallyl diphosphate; GGDP, geranylgeranyl diphosphate; DXS, DXP synthase; DXR, DXP reductoisomerase; MCS, MECDP synthase; HDS, HMBDP synthase; HDR, HMBDP reductase; GGPS, GGDP synthase.

is consistent with a previous report and confirms that OsTPC1 plays a role in the regulation of TvX-induced hypersensitive cell death (Kurusu et al. 2005).

Plant defense reactions against pathogen infection include the synthesis and accumulation of low-molecular antimicrobial substances, known as phytoalexins (Ahuja et al. 2012; Okada et al. 2009; Umemura et al. 2002). In rice, *ent*-copalyl diphosphate synthase 4 (OsCPS4)

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and *ent*-kaurene synthase like-4 (OsKSL4); and *ent*-copalyl diphosphate synthase 2 (OsCPS2) and *ent*-kaurene synthase-like 7 (OsKSL7) are responsible for the biosynthesis of major phytoalexins, momilactones and phytocassanes (Okada et al. 2009). Induced expression of momilactone biosynthetic genes (*OsKSL4*, *CYP99A2* and *OsMAS*) and some phytocassane biosynthetic genes (*OsCPS4* and *OsKSL7*) were partially suppressed in *Ostpc1* cells (Table 1). These results are consistent with the previous report and confirm that OsTPC1 plays a role in the regulation of TvX-induced phytoalexin biosynthesis (Hamada et al. 2012).

The methylerythritol phosphate (MEP) pathway is required for the biosynthesis of geranylgeranyl diphosphate (GGDP), which is an early precursor of diterpenoid phytoalexins such as momilactones and phytocassanes in rice (Okada et al. 2007; Okada 2011). TvX-induced expression of genes for a GGDP synthase (*GGPS*) as well as for the MEP pathway, such as *OsDXS3* (*DXP synthase3*) was significantly suppressed in *Ostpc1* in comparison with the wild type (Table 1). The induction of other MEP pathway genes such as *OsHDS* (*HMBDP synthase*), *OsDXR* (*DXP reductoisomerase*), *OsMCS* (*MECDP synthase*) and *OsHDR* (*HMBDP reductase*) was also partially reduced in *Ostpc1* relative to that in the wild type. In particular, OsDXS3 and OsDXR have been suggested to be functional enzymes that catalyze the first two steps of the MEP pathway, and the application of ketoclomazone and fosmidomycin, inhibitors of DXS and DXR, respectively, represses the accumulation of diterpene-type phytoalexins induced by elicitors in rice cells (Okada et al. 2007). Real-time RT-PCR analysis revealed that the expression of these genes was induced by TvX, which was significantly suppressed in *Ostpc1* cells (Figure 2A). Moreover, partial reduction of other TvX-induced MEP pathway genes was also confirmed by real-time RT-PCR analysis (Figure 2A). These results suggest that OsTPC1 may be involved in signaling to activate the MEP pathway (Figure 2B) by supplying the precursor of diterpenoid phytoalexins in defense responses.

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Supplemental Table 1. Gene ontology analysis of TvX-induced genes affected by OsTPC1.

Accession	Classification
	Metabolism
AK121948	Ethylene-induced esterase.
AK069482	CTP synthase (EC 6.3.4.2) (UTP--ammonia ligase) (CTP synthetase).
AK101149	Acyl-CoA synthetase (EC 6.2.1.3).
AK109619	Long-chain-fatty-acid-CoA ligase-like protein.
AK070177	Mannose-6-phosphate isomerase, type I family protein.
AK069494	Cytochrome P450 family protein.
CI002312	Cytochrome P450.
AK109735	Phosphoribosyl pyrophosphate synthase isozyme 3 precursor (EC 2.7.6.1).
AK108802	Gibberellin 2-beta-dioxygenase (EC 1.14.11.13) (Gibberellin 2-beta- hydroxylase) (Gibberellin 2-oxidase) (GA 2-oxidase).
AK060802	Beta-1,3-glucanase (Fragment).
AK103072	Glycoside hydrolase, family 17 protein.
AK104862	Beta-1,3-glucanase (Fragment).
AK105791	Glycoside hydrolase, family 3, C-terminal domain containing protein.
AK111415	Acidic endochitinase precursor (EC 3.2.1.14).
Os01g0268500	Conserved hypothetical protein.
AK066635	Phosphoenolpyruvate-carboxylase (Fragment).
AK102671	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
AK107156	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
AK119562	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
CI239264	Tropinone reductase homolog (EC 1.1.1.-) (P29X).
AK061237	HAD-superfamily subfamily IB hydrolase, hypothetical 1 protein.
CI246005	Aminotransferase, class I and II domain containing protein.
AB022603	Anthranilate synthase alpha 2 subunit.
AK073501	Anthranilate synthase alpha 2 subunit.
AY166599	ERD1 protein, chloroplast precursor.
CI422532	92 kDa type IV collagenase precursor (EC 3.4.24.35) (92 kDa gelatinase) (Matrix metalloproteinase-9) (MMP-9) (Gelatinase B) (GELB).
Os03g0351300	Glycoside hydrolase, family 14 protein.
CI411567	Beta-amylase PCT-BMYI (EC 3.2.1.2).
D10413	Pyruvate decarboxylase isozyme 1 (EC 4.1.1.1) (PDC).
U07339	Pyruvate decarboxylase isozyme 1 (EC 4.1.1.1) (PDC).
AK100278	Phospholipase D.
AK121264	Phospholipase D.
AK064950	Lipase, class 3 family protein.
AK098925	Lipase, class 3 family protein.
AK104793	Lipase, class 3 family protein.
AK106154	Lipase, class 3 family protein.
AK069596	Nucleotide sugar epimerase-like protein (UDP-D-glucuronate 4- epimerase) (EC 5.1.3.6).
AK071654	Nucleotide sugar epimerase-like protein (UDP-D-glucuronate 4- epimerase) (EC 5.1.3.6).
AK072132	Glycosyl transferase, family 20 domain containing protein.
AK106316	Trehalose-6-phosphate phosphatase.
AK058573	Arginine decarboxylase (EC 4.1.1.19) (ARGDC) (ADC).
AK060331	Alpha/beta hydrolase family protein.
AK110268	Phospholipase D (EC 3.1.4.4).
AK070083	4-coumarate--CoA ligase 1 (EC 6.2.1.12) (4CL 1) (4-coumaroyl-CoA synthase 1).
AK120964	4-coumarate--CoA ligase 1 (EC 6.2.1.12) (4CL 1) (4-coumaroyl-CoA synthase 1) (Clone 4CL14) (Fragment).
CI218546	AMP-dependent synthetase and ligase domain containing protein.
AK058936	Isocitrate lyase and phosphorylmutase family protein.
AK068710	Isocitrate lyase and phosphorylmutase family protein.
AK060559	Beta-ring hydroxylase (Fragment).
AK061528	Haloacid dehalogenase-like hydrolase domain containing protein.
AK061982	Haloacid dehalogenase-like hydrolase domain containing protein.
AK099563	Haloacid dehalogenase-like hydrolase domain containing protein.
AK073547	GDP-mannose 4,6 dehydratase 1 (EC 4.2.1.47) (GDP-D-mannose dehydratase 1) (GMD 1).
AK064250	ACC synthase (EC 4.4.1.14).
AK064229	Purine and other phosphorylases, family 1 protein.
AK101642	Purine and other phosphorylases, family 1 protein.
AK064401	Cinnamoyl CoA reductase (EC 1.2.1.44).
AK070746	Cinnamoyl-CoA reductase (EC 1.2.1.44).
AK072872	Cinnamoyl-CoA reductase.
AK102061	Cinnamoyl-CoA reductase.
AK105802	Cinnamoyl-CoA reductase.
AK105870	Cinnamoyl-CoA reductase.
AK100234	Conserved hypothetical protein.
AK070781	NADPH HC toxin reductase (Fragment).
AK106439	Cinnamoyl-CoA reductase (EC 1.2.1.44).
AK109013	Alpha/beta hydrolase fold domain containing protein.
AK108175	Soluble epoxide hydrolase.
AK060082	Esterase/lipase/thioesterase domain containing protein.
AK060706	Esterase/lipase/thioesterase domain containing protein.
AK100934	Esterase/lipase/thioesterase domain containing protein.
CI429568	Esterase/lipase/thioesterase domain containing protein.
CI171783	Esterase/lipase/thioesterase domain containing protein.
AB122057	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (Phospho-2-keto-3-deoxyheptonate aldolase 1) (DAHP synthetase 1)
AK059247	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (Phospho-2-keto-3-deoxyheptonate aldolase 1) (DAHP synthetase 1)
AK061085	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (Phospho-2-keto-3-deoxyheptonate aldolase 1) (DAHP synthetase 1)
AK106058	Non-cell-autonomous protein pathway2.
AK069887	Aldolase C-1.
AK104952	Aldolase C-1.
AK071556	Glutamate decarboxylase isozyme 3 (EC 4.1.1.15).
AY187941	Glutamate decarboxylase isozyme 3 (EC 4.1.1.15).
AK119220	GADPH (383 AA) (Fragment).
AK071383	Indole-3-glycerol phosphate synthase, chloroplast precursor (EC 4.1.1.48) (IGPS).
AK103257	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).
AK105416	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).
D13817	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).
AK071155	NADP-malic enzyme.
AK099249	NADP-malic enzyme.
AY435404	NADP-malic enzyme.
AK119569	Cytochrome P450 79A1 (EC 1.14.13.41) (Tyrosine N-monooxygenase) (Cytochrome P450Tyr).
CI553928	Cytochrome P450 family protein.
AB116527	Allene oxide synthase (EC 4.2.1.92).
AK068620	Allene oxide synthase (EC 4.2.1.92).
AK107161	Allene oxide synthase (EC 4.2.1.92).
AK071546	Cytochrome P450 CYP99A1 (EC 1.14.-.-) (Fragment).
AK059010	Cytochrome P450 family protein.
AK066760	Cytochrome P450 family protein.
AK104825	Cytochrome P450 family protein.
AK070167	Cytochrome P450 family protein.
AK072588	Cinnamate 4-hydroxylase CYP73.
AK100598	Trans-cinnamate 4-monooxygenase (EC 1.14.13.11) (Cinnamic acid 4- hydroxylase) (CA4H) (C4H) (P450C4H) (Cytochrome P450 73).
AK104994	Trans-cinnamate 4-monooxygenase (EC 1.14.13.11) (Cinnamic acid 4- hydroxylase) (CA4H) (C4H) (P450C4H) (Cytochrome P450 73).
AK101003	Cytochrome P450 family protein.
AK105131	Cytochrome P450 family protein.
AK111441	Cytochrome P450 family protein.
AF088221	Cytochrome P450 71A1 (EC 1.14.-.-) (CYPLXXIA1) (ARP-2).
AK071599	Cytochrome P450 71A1 (EC 1.14.-.-) (CYPLXXIA1) (ARP-2).
AK064287	Cytochrome P450 family protein.
AK072220	Cytochrome P450.
AK119557	Cytochrome P450.
AK105678	Cytochrome P450 family protein.
AK106424	E-class P450, group I family protein.

CI553248	Cytochrome P450 family protein.
AK061758	Allene oxide synthase (EC 4.2.1.92).
AK066138	Allene oxide synthase (EC 4.2.1.92).
AY055775	Allene oxide synthase (EC 4.2.1.92).
AY310358	Allene oxide synthase (EC 4.2.1.92).
AK107816	Cytochrome P450 family protein.
AK106056	Flavin-containing monooxygenase FMO family protein.
AK061389	Protein of unknown function DUF568 domain containing protein.
AK070149	Protein of unknown function DUF568 domain containing protein.
AK104041	Protein of unknown function DUF568 domain containing protein.
AK104413	Protein of unknown function DUF568 domain containing protein.
AK071271	Glycoside hydrolase, family 28 protein.
AK105858	Glycoside hydrolase, family 28 protein.
AK106049	Glycoside hydrolase, family 28 protein.
Os05g0279900	Polygalacturonase A (Fragment).
AB011416	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).
AK062231	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).
AK099393	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).
AU173072	Lipase, class 3 family protein.
AK105762	Isoprenoid biosynthesis-like protein (Fragment).
AK120769	Isoprenoid biosynthesis-like protein (Fragment).
AY224457	Isoprenoid biosynthesis-like protein (Fragment).
AK065099	Xanthine dehydrogenase 1 (EC 1.1.1.204).
AK067814	Xanthine dehydrogenase 1 (EC 1.1.1.204).
AU100738	PAPS-reductase-like protein precursor.
AK071121	Lipoxygenase (EC 1.13.11.12).
AK072689	Lipoxygenase (EC 1.13.11.12).
AK072869	Lipoxygenase (EC 1.13.11.12).
AK105792	Lipoxygenase (EC 1.13.11.12).
AF095896	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).
AK066825	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).
AJ270938	Lipoxygenase (EC 1.13.11.12).
AF095895	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).
D14000	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).
AK068517	Leucoanthocyanidin dioxygenase-like protein.
AK060599	Isopenicillin N synthase family protein.
AK069008	Isopenicillin N synthase family protein.
AK100853	Isopenicillin N synthase family protein.
AK063973	Gibberellin 2-beta-dioxygenase (EC 1.14.11.13) (Gibberellin 2-beta- hydroxylase) (Gibberellin 2-oxidase) (GA 2-oxidase).
CI236301	(No Hit)
AK101915	Glycoside hydrolase, family 16 domain containing protein.
AK072394	L-aspartate oxidase family protein.
AB004864	Alternative oxidase 1c, mitochondrial precursor (EC 1.-.-.-).
AK064040	Alternative oxidase 1c, mitochondrial precursor (EC 1.-.-.-).
CI447574	Peroxisomal biogenesis factor 11 family protein.
Os02g0798100	N-acetylglucosaminyltransferase II family protein.
AF330230	Class III chitinase RCB4 (EC 3.2.1.14).
AF350426	Class III chitinase RCB4 (EC 3.2.1.14).
AK061215	Class III chitinase RCB4 (EC 3.2.1.14).
AK071453	Class III chitinase RCB4 (EC 3.2.1.14).
CI545234	Seed imbibition protein (Fragment).
AK119913	Cellulase (Fragment).
AK065325	Endo-beta-1,4-glucanase precursor (EC 3.2.1.4).
AK065130	Beta-fructofuranosidase 1 precursor (EC 3.2.1.26) (Sucrose-6-phosphate hydrolase 1) (Invertase 1).
AK099312	Beta-fructofuranosidase 1 precursor (EC 3.2.1.26) (Sucrose-6-phosphate hydrolase 1) (Invertase 1).
AK072276	Cell wall invertase 2.
AY340072	Cell wall invertase 2.
AK072635	Glycoside hydrolase, family 17 protein.
AK073663	Glycoside hydrolase, family 17 protein.
AK073843	Glycoside hydrolase, family 18 protein.
AK120536	Endo-1,4-beta-glucanase (EC 3.2.1.4) (Fragment).
AK121014	Glycoside hydrolase, family 31 protein.
AK100931	Glycoside hydrolase, family 17 protein.
AK102883	Glycoside hydrolase, family 17 protein.
AB027415	Class III chitinase homologue (OsChib3H-a).
AB027419	Class III chitinase homologue (OsChib3H-a).
AK064281	Glycoside hydrolase, family 18 protein.
AK102505	Class III chitinase homologue (OsChib3H-h) (Fragment).
AK106319	Chitinase (EC 3.2.1.14).
D55710	Chitinase (EC 3.2.1.14).
AK065000	Glycoside hydrolase, family 5 protein.
AK069080	Cell wall invertase (EC 3.2.1.26).
AK072074	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).
AK098923	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).
AK100546	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).
AK119193	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).
D29732	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).
Z15028	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).
AK061713	Sucrose synthase 2 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 2).
CI191108	Tryptophan decarboxylase (EC 4.1.1.28).
AK065301	Glutamate dehydrogenase 2 (EC 1.4.1.3) (GDH 2).
AB040741	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.
AK100465	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.
AK105942	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.
AK066113	Lipolytic enzyme, G-D-S-L family protein.
AK110292	Lipolytic enzyme, G-D-S-L family protein.
AK058531	Patatin-like protein 1.
AK106375	Patatin-like protein 3.
AK058242	Fatty acid desaturase domain containing protein.
AK110034	Copper/Zinc superoxide dismutase family protein.
CI447081	Phospholipid/glycerol acyltransferase family protein.
CI027926	Glucose/ribitol dehydrogenase family protein.
AK063434	Glucose/ribitol dehydrogenase family protein.
AK071972	Short-chain dehydrogenase Tic32.
AK106087	Stem secoisolariciresinol dehydrogenase (Fragment).
AK120852	Stem secoisolariciresinol dehydrogenase (Fragment).
AK067296	Amino acid-binding ACT domain containing protein.
AK072197	Amino acid-binding ACT domain containing protein.
CI555308	F5O11.14 (ACR8).
AK119327	Terpene synthase.
AY347880	Terpene synthase.
AB089272	Terpene synthase, metal-binding domain containing protein.
AK068310	Terpene synthase, metal-binding domain containing protein.
AK072928	Terpene synthase, metal-binding domain containing protein.
AK069996	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
AK100744	Hypothetical protein.
AK106302	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
AK108674	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
AK110892	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
CI004090	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
CI544971	(No Hit)
CI563293	(No Hit)
Os04g0204000	Conserved hypothetical protein.
Os04g0204100	Conserved hypothetical protein.
CI396619	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
AU183565	UDP-glucuronosyl/UDP-glucosyltransferase family protein.
AY224588	Pleckstrin-like domain containing protein.

AK120768	GGDP synthase.
AK067907	Naringenin-chalcone synthase family protein.
AK109558	Chalcone synthase.
AK110924	Chalcone synthase (EC 2.3.1.74) (Naregenin-chalcone synthase).
CI426731	Chalcone synthase (EC 2.3.1.74) (Naringenin-chalcone synthase).
Os07g0525900	Chalcone synthase.
AK100909	1-deoxy-D-xylulose 5-phosphate synthase 2 precursor.
AK063433	Sucrose-phosphate synthase 9 (EC 2.4.1.14).
AK071812	WSI76 protein induced by water stress.

	Cellular communication/signal transduction
AF216315	MAP kinase 1 (MAP kinase MAPK5a).
AF332873	MAP kinase 1 (MAP kinase MAPK5a).
AF479883	MAP kinase 1 (MAP kinase MAPK5a).
AF479884	MAP kinase 1 (MAP kinase MAPK5a).
AJ250311	MAP kinase 1 (MAP kinase MAPK5a).
AJ486975	MAP kinase 1 (MAP kinase MAPK5a).
AK067339	MAP kinase 1 (MAP kinase MAPK5a).
AK104834	MAP kinase 1 (MAP kinase MAPK5a).
AK064844	Flagellar calcium-binding protein (calflagin) family protein.
CI128990	Calcium-binding EF-hand domain containing protein.
Os04g0368800	EGF-like calcium-binding domain containing protein.
CI447876	(No Hit)
AK107166	Protein kinase domain containing protein.
AK066500	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).
AY158077	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).
X81393	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).
AK072204	Calcium-dependent protein kinase 2.
AK102702	EGF-like calcium-binding domain containing protein.
CI399063	EGF-like calcium-binding domain containing protein.
AK106614	EGF-like calcium-binding domain containing protein.
AK104119	Annexin-like protein.
AK120739	Respiratory burst oxidase protein E.
AK060834	Calreticulin 3 precursor.
CI013597	Calmodulin (CaM).
CI036576	(No Hit)
AK107501	Calcium-binding EF-hand domain containing protein.
CI312306	C2 domain containing protein.
AK072366	C2 domain containing protein.
AK064915	Phosphoribosylanthranilate transferase-like protein.
AK067097	Phosphoribosylanthranilate transferase-like protein.
AK104956	Phosphatidylinositol-specific phospholipase C, X region domain containing protein.
AK108970	TIR domain containing protein.
AK071332	Glutaredoxin domain containing protein.
AK106603	PDR-like ABC transporter (PDR4 ABC transporter).
AY332479	PDR-like ABC transporter (PDR4 ABC transporter).
AK061902	P-glycoprotein homologue.
AK067006	P-glycoprotein homologue.
AK058981	PDR-like ABC transporter (PDR3 ABC transporter).
AK065988	PDR-like ABC transporter (PDR4 ABC transporter).
AK067556	ABC transporter related domain containing protein.
AK100135	PDR-like ABC transporter (PDR3 ABC transporter).
AK108373	Multidrug resistance protein 1 homolog.
AK121722	PDR-like ABC transporter (PDR4 ABC transporter).
AY271618	PDR-like ABC transporter (PDR3 ABC transporter).
Os01g0609200	ABC transporter related domain containing protein.
AK066142	AAA ATPase, central region domain containing protein.
AK109883	AAA ATPase, central region domain containing protein.
AK099840	Resistance protein candidate (Fragment).
AK102467	Protein kinase domain containing protein.
AK101461	Protein kinase domain containing protein.
AK058518	Protein kinase domain containing protein.
AK066430	Protein kinase domain containing protein.
AK071585	Protein kinase domain containing protein.
AK105196	Protein kinase domain containing protein.
AK120741	Protein kinase domain containing protein.
AK103465	Pyruvate kinase, cytosolic isozyme (EC 2.7.1.40) (PK).
AK120390	ABC transporter.
Os09g0472200	ABC transporter.
CI246966	ABC transporter domain containing protein.
AK100858	PDR-like ABC transporter (PDR3 ABC transporter).
AK072537	AAA ATPase, central region domain containing protein.
AK108730	AAA ATPase, central region domain containing protein.
AK109791	AAA ATPase, central region domain containing protein.
AK110532	AAA ATPase, central region domain containing protein.
CI255159	AAA ATPase, central region domain containing protein.
AK099720	DNA-binding protein phosphatase 2C.
AK069274	Protein phosphatase type 2C.
AK065160	Glycosyl transferase, family 20 domain containing protein.
AK066691	Glycosyl transferase, family 20 domain containing protein.
AK070129	Protein phosphatase type 2C.
AJ575237	Protein phosphatase 2C-like domain containing protein.
AK072292	Protein phosphatase 2C-like domain containing protein.
AK099959	Protein phosphatase 2C-like domain containing protein.
AK102668	Protein phosphatase 2C-like.
AK066083	Protein phosphatase 2C-like protein.
AK071798	Pyrophosphate-fructose-6-phosphate 1-phosphotransferase-like protein (Pyrophosphate-dependent phosphofructo-1-kinase-like protein).
CI424076	(No Hit)
CI424076	(No Hit)
AK110116	Receptor-like protein kinase 5.
CI068054	(No Hit)
AK102340	Resistance protein candidate (Fragment).
AK121819	Resistance protein candidate (Fragment).
CI113585	Protein kinase domain containing protein.
AK110897	Protein kinase domain containing protein.
AK120876	Protein kinase domain containing protein.
AK120965	Protein kinase domain containing protein.
Os10g0467900	Protein kinase domain containing protein.
AK121858	N/apple PAN domain containing protein.
AK101616	Receptor-like protein kinase 6.
AK103089	Protein kinase domain containing protein.
AF403127	S-locus receptor-like kinase RLK13.
AK065352	S-locus receptor-like kinase RLK13.
AK119282	Receptor-like protein kinase 4.
Os04g0633200	S-locus glycoprotein family protein.
AK066616	Curculin-like (mannose-binding) lectin domain containing protein.
AK119863	Curculin-like (mannose-binding) lectin domain containing protein.
AK119881	Curculin-like (mannose-binding) lectin domain containing protein.
AK111510	Protein kinase domain containing protein.
AK111746	OsPK4.
AK068504	Receptor-like protein kinase.
AK069558	Probable serine/threonine-protein kinase NAK (EC 2.7.1.37).
AK109607	Avr9/Cf-9 rapidly elicited protein 264.
AY663848	Legume lectin, beta domain containing protein.
AK066000	Protein kinase domain containing protein.
AK066978	Protein kinase domain containing protein.

AK106773	Protein kinase domain containing protein.
CB621804	Protein kinase domain containing protein.
AK063293	Resistance protein candidate (Fragment).
AK067378	Resistance protein candidate (Fragment).
Os07g0129800	Protein kinase family protein.
Os07g0550500	S-locus glycoprotein family protein.
AK106955	Protein kinase APK1B (EC 2.7.1.-).
AK111977	Avr9/Cf-9 rapidly elicited protein 264.
CI427025	Serine/threonine kinase receptor-like protein.
CI408875	Receptor-like protein kinase.
AK100258	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor (EC 2.7.1.37) (BRI1-associated receptor kinase 1).
AK111546	Protein kinase domain containing protein.
AK119897	Protein kinase domain containing protein.
CI425616	(No Hit)
AK106429	Cytokinin-regulated kinase 1.
AK121766	Cytokinin-regulated kinase 1.
CI446054	Protein kinase domain containing protein.
AK105946	Protein kinase domain containing protein.
AK109702	Protein kinase domain containing protein.
AK067266	Protein kinases-like protein.
AK111580	Wall-associated kinase-like protein.
AK110011	Protein kinase domain containing protein.
CI447050	(No Hit)
AK070170	Protein kinase domain containing protein.
AK104423	Protein kinase domain containing protein.
AK060877	Lectin-like receptor kinase 7;2.
AK102219	Protein kinase domain containing protein.
AK072425	Protein kinase domain containing protein.
AK099661	Protein kinase domain containing protein.
AK101874	Protein kinase domain containing protein.
AK121185	Protein kinase domain containing protein.
AK072505	Receptor kinase-like protein.
AY224427	Receptor kinase-like protein.
CI517285	(No Hit)
CI517285	(No Hit)
AK119341	Serine threonine kinase.
AK060565	Protein kinase family protein.
AK102941	KI domain interacting kinase 1.
Os07g0540800	Serine/threonine protein kinase family protein.
AK107367	Protein kinase domain containing protein.
AK111650	Receptor protein kinase.
AK120949	Protein kinase family protein.
AK111731	Protein kinase family protein.
AK101553	ABC-1 domain containing protein.
AK066397	Protein kinase domain containing protein.
AK111063	Atypical receptor-like kinase MARK.
AK111267	Protein kinase domain containing protein.
AY224423	Protein kinase domain containing protein.
AK120979	Pyruvate kinase isozyme G, chloroplast (EC 2.7.1.40) (Fragment).
AK109730	Shikimate kinase domain containing protein.
AK106896	Glycosyl transferase, family 31 protein.
AK071209	Inositol phosphate kinase.
AK120924	Protein kinase-like domain containing protein.
CI137128	Protein kinase family protein.
CI394492	Protein kinase domain containing protein.

	Transcription
AK065008	AP2 domain containing protein RAP2.8 (Fragment).
AK062109	I-box binding factor (Fragment).
AK107424	Myb, DNA-binding domain containing protein.
CI441351	MYB9.
AB028183	NAC-domain containing protein 2 (ANAC002).
AK067450	No apical meristem (NAM) protein domain containing protein.
AK068446	No apical meristem (NAM) protein domain containing protein.
AK073848	NAC-domain containing protein 2 (ANAC002).
AK105493	No apical meristem (NAM) protein domain containing protein.
AK105509	WRKY transcription factor 1.
AK107199	WRKY transcription factor 24.
AK108522	WRKY transcription factor 67.
AK108555	WRKY transcription factor 26.
AK108657	DNA-binding WRKY domain containing protein.
AK111013	WRKY transcription factor 34.
AY341849	WRKY transcription factor 24.
AY676926	WRKY transcription factor 15.
CI177257	(No Hit)
AK064946	Transcription factor ICE1 (Inducer of CBF expression 1) (Basic helix- loop-helix protein 116) (bHLH116) (AtbHLH116).
AK102701	Isoflavone reductase-like protein.
AK109339	Isoflavone reductase-like protein.
AY071920	Isoflavone reductase-like protein.
AF093633	Histone H3.3.
AK102658	Zn-finger, C2H2 type domain containing protein.
AK059839	Zn-finger, C2H2 type domain containing protein.
AK108997	Zn-finger, C2H2 type domain containing protein.
AY219847	Zn-finger, C2H2 type domain containing protein.
AF264731	Leucine zipper, homeobox-associated domain containing protein.
AK119592	Leucine zipper, homeobox-associated domain containing protein.
AY554029	Leucine zipper, homeobox-associated domain containing protein.
AY559045	Leucine zipper, homeobox-associated domain containing protein.
AK060316	Homeodomain transcription factor KNAT7.
AY344483	Heat stress transcription factor Spl7 (Heat shock transcription factor) (Heat shock factor RHSF10).
AK107483	Typical P-type R2R3 Myb protein (Fragment).
CI436385	Conserved hypothetical protein.
C98212	Basic-leucine zipper (bZIP) transcription factor domain containing protein.
AK111960	MYB8.
CI523687	Myb, DNA-binding domain containing protein.
AK111798	Myb protein.
AY323484	Myb protein.
Y11414	Myb protein.
AK107134	Transcription factor MYBS3.
AK066834	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).
AK104053	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).
D88617	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).
CI562776	Typical P-type R2R3 Myb protein (Fragment).
AY026332	Myb, DNA-binding domain containing protein.
Os07g0497500	MYB transcription factor.
Y11415	Myb protein.
AK108211	Transfactor-like protein.
AK070338	Myb, DNA-binding domain containing protein.
CI138873	Zn-finger, Dof type domain containing protein.
AB182278	CUC2.
Os12g0123800	CUC2.
AK062955	NAM / CUC2-like protein.
AK065989	NAM / CUC2-like protein.
AK067922	No apical meristem (NAM) protein domain containing protein.
AK068776	No apical meristem (NAM) protein domain containing protein.
AK069257	No apical meristem (NAM) protein domain containing protein.

AB028182	OsNAC3 protein.
AK073876	GRAB2 protein.
AK105645	GRAB2 protein.
AK107090	No apical meristem (NAM) protein domain containing protein.
CI549926	No apical meristem (NAM) protein domain containing protein.
AK106282	WRKY transcription factor 28.
AK119644	WRKY transcription factor 28.
AK063697	WRKY transcription factor 45.
AK066255	WRKY transcription factor 45.
AK103959	WRKY transcription factor 45.
AK105939	WRKY transcription factor 45.
AK119593	WRKY transcription factor 39.
AK067834	DNA-binding WRKY domain containing protein.
AF467736	DNA-binding WRKY domain containing protein.
AK059966	DNA-binding WRKY domain containing protein.
AK068337	DNA-binding WRKY domain containing protein.
AY323479	DNA-binding WRKY domain containing protein.
AK119867	WRKY transcription factor 70.
AK121190	WRKY transcription factor 53 (Transcription factor WRKY12).
AY676929	WRKY transcription factor 53 (Transcription factor WRKY12).
AY676927	WRKY transcription factor 71 (Transcription factor WRKY09).
AY676932	WRKY transcription factor 63.
CI182903	WRKY transcription factor 64.
CI430861	WRKY transcription factor 10.
CI429638	(No Hit)
CI061950	(No Hit)
AK072867	MADS box protein.
U32109	MADS box protein.
U78892	MADS box protein.
AK072749	Pathogenesis-related transcriptional factor and ERF domain containing protein.
AK062882	AP2 domain containing protein RAP2.6 (Fragment).
AK067195	AP2 domain containing protein RAP2.6 (Fragment).
AK109360	Ethylene responsive element binding factor 5 (AtERF5).
AK111414	AP2 domain containing protein RAP2.2 (Fragment).
AY339378	Ethylene responsive element binding factor3 (OsERF3).
AK107989	Pathogenesis-related transcriptional factor and ERF domain containing protein.
AU183275	Pathogenesis-related transcriptional factor and ERF domain containing protein.
AK064143	TAZ finger domain containing protein.
AK058934	Conserved hypothetical protein.
AK102303	Conserved hypothetical protein.
AB040744	Basic helix-loop-helix dimerisation region bHLH domain containing protein.
AK068017	Basic helix-loop-helix dimerisation region bHLH domain containing protein.
AK071734	Basic helix-loop-helix dimerisation region bHLH domain containing protein.
AK110619	Basic helix-loop-helix dimerisation region bHLH domain containing protein.
CI556798	Basic helix-loop-helix dimerisation region bHLH domain containing protein.
AB074972	Ethylene insensitive 3 family protein.
AK060806	Ethylene insensitive 3 family protein.
AK065440	G-box binding factor 1.
AK065180	Basic/leucine zipper protein.
Os11g0539500	O-methyltransferase, family 2 domain containing protein.
AY062209	Chitin-inducible gibberellin-responsive protein.
AK061928	Chitin-inducible gibberellin-responsive protein.
AK073470	Chitin-inducible gibberellin-responsive protein.
AK098890	Chitin-inducible gibberellin-responsive protein.
AK122131	Chitin-inducible gibberellin-responsive protein.
AY062210	Chitin-inducible gibberellin-responsive protein.
AK109568	WRKY transcription factor 34.
CI551338	DNA-binding WRKY domain containing protein.

	Transporter/Channel
AK121195	Sulfate transporter 3.1 (AST12) (AtST1).
AK120308	Potassium channel.
AY065970	Potassium channel.
AK059325	Amino acid carrier.
AK064301	Amino acid/polyamine transporter II family protein.
AK065286	Amino acid/polyamine transporter II family protein.
AK103684	Amino acid/polyamine transporter II family protein.
AK119529	Amino acid/polyamine transporter II family protein.
AK121636	Amino acid/polyamine transporter II family protein.
AU056136	Amino acid/polyamine transporter II family protein.
AK073580	Exo70 exocyst complex subunit family protein.
AK059362	Exo70 exocyst complex subunit family protein.
AK101630	Exo70 exocyst complex subunit family protein.
AK120466	Exo70 exocyst complex subunit family protein.
AK108808	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.
CI279040	Multi antimicrobial extrusion protein MatE family protein.
AK067908	Monosaccharide transporter 3.
AF493792	High affinity sulphate transporter.
AK103007	High affinity sulphate transporter.
AK072531	Tonoplast membrane integral protein ZmTIP4-2.
AK120548	General substrate transporter family protein.
CI403847	Major facilitator superfamily protein.
AK070216	Proton-dependent high affinity oligopeptide transporter PepT2.
AK101480	Oligopeptide transporter, kidney isoform (Peptide transporter 2) (Kidney H+/peptide cotransporter).
AY305030	Oligopeptide transporter, kidney isoform (Peptide transporter 2) (Kidney H+/peptide cotransporter).
CI144524	TGF-beta receptor, type I/II extracellular region family protein.
AK109931	TGF-beta receptor, type I/II extracellular region family protein.
AK064598	Amino acid/polyamine transporter I family protein.
AK058888	Amino acid transporter protein-like.
AK071118	Amino acid transporter protein-like.
AK105902	Amino acid transporter protein-like.
AK061470	Amino acid/polyamine transporter II family protein.
AK099986	Amino acid/polyamine transporter I family protein.
AK107064	Amino acid/polyamine transporter I family protein.
AK104407	Mitochondrial substrate carrier family protein.
AK099837	Phospholipid-transporting ATPase 1 (EC 3.6.3.1) (Aminophospholipid flippase 1).
AK064514	Potential phospholipid-transporting ATPase 10 (EC 3.6.3.1) (Aminophospholipid flippase 10).
AK100999	Potential phospholipid-transporting ATPase 10 (EC 3.6.3.1) (Aminophospholipid flippase 10).
AK107078	Potential calcium-transporting ATPase 9, plasma membrane-type (EC 3.6.3.8) (Ca(2+)-ATPase isoform 9).
AK105311	PDR6 ABC transporter.
AF001505	Ammonium transporter 1, member 1 (LeAMT1;1).
AK073718	Ammonium transporter 1, member 1 (LeAMT1;1).
AK105667	Ammonium transporter 1, member 1 (LeAMT1;1).
AK106353	Potassium transporter 5 (AtPOT5) (AtHAK1) (AtHAK5).
AK065950	Syntaxin.
CI125180	MscS Mechanosensitive ion channel family protein.
AK105309	Conserved hypothetical protein.
AK061520	Heavy metal transport/detoxification protein domain containing protein.
AK071491	Barley stem rust resistance protein.
AK069437	Oligopeptide transporter OPT superfamily protein.
AK071421	Cystinosin homolog.
CI444593	PDR5-like ABC transporter.
AK060274	UDP-galactose/UDP-glucose transporter.
AK071175	UDP-galactose/UDP-glucose transporter.
AK065253	Nitrate transporter NRT1-5 (Fragment).
AK099244	Nitrate transporter NRT1-5 (Fragment).

AK099321	Nitrate transporter NRT1-5 (Fragment).
AK099910	Nitrate transporter NRT1-5 (Fragment).
AK104378	Nitrate transporter NRT1-5 (Fragment).
AK106799	PDR13 ABC transporter.
AK070618	Oligopeptide transporter OPT superfamily protein.

Stress response/Cell death	
AK104277	Peroxidase BP 1 precursor.
AK066954	Haem peroxidase, plant/fungal/bacterial family protein.
AK061144	Haem peroxidase, plant/fungal/bacterial family protein.
AK072761	Haem peroxidase, plant/fungal/bacterial family protein.
AF019743	Anionic peroxidase precursor.
AK060789	Anionic peroxidase precursor.
AK102307	Anionic peroxidase precursor.
AK104833	Anionic peroxidase precursor.
C20494	Haem peroxidase, plant/fungal/bacterial family protein.
AK061809	Haem peroxidase, plant/fungal/bacterial family protein.
AK119205	Haem peroxidase, plant/fungal/bacterial family protein.
AK122031	Haem peroxidase, plant/fungal/bacterial family protein.
AK060485	Apoptosis regulator Bcl-2 protein, BAG domain containing protein.
AK100778	Disease resistance protein family protein.
AK119460	Disease resistance protein family protein.
AK066559	Disease resistance protein family protein.
AK068380	NBS-LRR disease resistance protein homologue.
Os02g0281900	Disease resistance protein family protein.
AF006825	Endosperm lumenal binding protein.
AK065743	Endosperm lumenal binding protein.
AK066006	Endosperm lumenal binding protein.
AK119653	Endosperm lumenal binding protein.
AK106696	HSP70 precursor.
AK072830	Heat shock protein 70.
AK099275	Heat shock protein 70.
AK109474	Heat shock protein 70.
AK104140	Pathogenesis-related protein PR-1 precursor.
AK062949	PR-1a pathogenesis related protein (Hv-1a) precursor.
CI551987	Phenylalanine ammonia-lyase (EC 4.3.1.5).
AK068993	Phenylalanine ammonia-lyase (EC 4.3.1.5).
AK058306	Phenylalanine ammonia-lyase (EC 4.3.1.5).
AK060724	Phenylalanine ammonia-lyase (EC 4.3.1.5).
AK067923	Phenylalanine ammonia-lyase (EC 4.3.1.5).
AK102817	Phenylalanine ammonia-lyase (EC 4.3.1.5).
CI198223	Phenylalanine ammonia-lyase.
AK062718	Apobec-1 binding protein 2.
AK064638	Universal stress protein (Usp) family protein.
AB110169	Universal stress protein (Usp) family protein.
AK063881	Universal stress protein (Usp) family protein.
AK072661	Pathogen induced protein 2-4.
Os06g0486300	Mlo.
AK070652	Avr9/Cf-9 rapidly elicited protein 231 precursor.
AK071716	Avr9/Cf-9 rapidly elicited protein 231.
AF039532	Harpin-induced 1 domain containing protein.
AK070446	Harpin-induced 1 domain containing protein.
AK104363	Harpin-induced 1 domain containing protein.
AK061257	Harpin-induced 1 domain containing protein.
AK069353	Harpin-induced 1 domain containing protein.
AK103610	Harpin-induced 1 domain containing protein.
AK107952	Harpin-induced 1 domain containing protein.
AK108457	Harpin-induced 1 domain containing protein.
AK061959	Phenylalanine ammonia-lyase (EC 4.3.1.5).
AK065208	Phenylalanine ammonia-lyase (EC 4.3.1.5).
AK120127	Phenylalanine ammonia-lyase (EC 4.3.1.5).
Os04g0514600	Disease resistance protein family protein.

Cell cycle/Cellular organization	
AK109763	Pectinesterase (EC 3.1.1.11) (Pectin methylesterase) (PE).
AK120977	Pectinesterase (EC 3.1.1.11) (Pectin methylesterase) (PE).
AK059015	Kinesin-like protein (Fragment).
AK067738	Kinesin-like protein (Fragment).
AK100974	Kinesin-like protein (Fragment).
AK072070	Actin-binding FH2 domain containing protein.
AK072158	D-alanine-D-alanine ligase B (Fragment).
AB096140	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).
AK071013	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).
AK104242	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).
AK104426	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).
AK072779	Pectinmethylesterase precursor (EC 3.1.1.11) (Fragment).
CI550250	Alpha-expansin OsEXPA18.
AK063238	Pectinesterase family protein.
AK060517	Xyloglucan fucosyltransferase family protein.
CI369772	Xyloglucan fucosyltransferase family protein.
AK110534	Cellulose synthase-9.
AK063244	Peptidoglycan-binding LysM domain containing protein.
AK066213	Ndr family protein.
CI137713	Viral coat and capsid protein family protein.
CI125814	Cyclin-like F-box
AK071689	Cyclin-like F-box domain containing protein.
AK108413	Cyclin-like F-box domain containing protein.
AK073913	Cyclin-like F-box domain containing protein.

Protein synsesis/degradation	
AB059238	Bowman-Birk type wound induced proteinase inhibitor WIP1 precursor.
AK063833	CI2E.
AK107208	IAA-amino acid conjugate hydrolase-like protein (Fragment).
AK068924	Peptidase A1, pepsin family protein.
AK107183	Peptidase aspartic family protein.
AK071156	Peptidase S10, serine carboxypeptidase family protein.
AB051108	rRNA N-glycosylase
AK102768	Proteinase inhibitor I25, cystatin family protein.
AK107401	Serine carboxypeptidase I precursor (EC 3.4.16.5) (Carboxypeptidase C).
AY224473	Serine carboxypeptidase II chains A and B (EC 3.4.16.6) (Carboxypeptidase D) (CPDW-II) (CP-WII).
AJ601438	Substilin /chymotrypsin-like inhibitor (Proteinase inhibitor).
Os02g0269600	Subtilase.
AK120287	Subtilisin-like protease.
AK099529	U box domain containing protein.
AK066133	U box domain containing protein.
AK120547	U box domain containing protein.
CI367353	U box domain containing protein.
AK070506	U box domain containing protein.
AK108418	U box domain containing protein.
AK108494	U box domain containing protein.
AK109161	U box domain containing protein.
Os06g0248500	U box domain containing protein.
AK105806	Xylanase inhibitor precursor.

Unclassified	
AK105335	Glutaredoxin domain containing protein.
AK105526	Multicopper oxidase, type 1 domain containing protein.
AK106990	Calycin family protein.
AK068075	Zn-finger, RING domain containing protein.
AK073728	Zn-finger, RING domain containing protein.
AK106014	Zn-finger, RING domain containing protein.
AK109822	ANTH domain containing protein.
AK069755	FAD-dependent pyridine nucleotide-disulphide oxidoreductase domain containing protein.
AK109736	Glycosyl transferase, family 14 protein.
AK071710	Selenium binding protein.
AY187678	Selenium binding protein.
AK105555	Poly(A)-binding protein.
AK100101	Paraneoplastic encephalomyelitis antigen family protein.
AK103816	Conserved hypothetical protein.
CI411149	HNH endonuclease domain containing protein.
AF332876	Conserved hypothetical protein.
AK099898	Transposable element Mu1 sequence.
AK105767	Transposable element Mu1 sequence.
AJ575241	ZF protein (Fragment).
AK067784	ZF protein (Fragment).
AK067895	ZF protein (Fragment).
AK105882	Zn-finger, RING domain containing protein.
AF229813	Animal haem peroxidase family protein.
AK100592	Animal haem peroxidase family protein.
AK119916	Major sperm protein domain containing protein.
AK120943	ARM repeat fold domain containing protein.
CI481622	Arm repeat-containing protein.
AK062101	BLE2 protein.
AK067278	BLE2 protein.
Os09g0556200	TPR repeat containing protein.
AK062012	MS5-like protein (Fragment).
AK098900	MS5-like protein (Fragment).
AK122090	MS5-like protein (Fragment).
AK099847	Protein prenyltransferase domain containing protein.
AK100454	TPR-like domain containing protein.
Os08g0138200	Plastocyanin-like domain containing protein.
CI277163	Glutaredoxin domain containing protein.
AK103094	Multicopper oxidase, type 1 domain containing protein.
AK110474	Multicopper oxidase, type 1 domain containing protein.
CI522488	Multicopper oxidase, type 1 domain containing protein.
CI424604	Laccase (EC 1.10.3.2).
AB045120	Zn-finger, RING domain containing protein.
AK120853	Zn-finger-like, PHD finger domain containing protein.
AK072178	von Willebrand factor, type A domain containing protein.
AK100238	Zn-finger, RING domain containing protein.
AK120260	Zn-finger, RING domain containing protein.
CI561982	(No Hit)
CI435373	(No Hit)
AK120863	Zn-finger, cysteine-rich C6HC domain containing protein.
AK101223	BTB/POZ domain containing protein.
AK119302	BTB/POZ domain containing protein.
AK063248	Allergen V5/Tpx-1 related family protein.
AK121213	
CI480228	Respiratory burst oxidase homolog.
CI258636	Cytochrome b561 family protein.
AK106044	Flavin-containing amine oxidase family protein.
Os03g0193400	Polyamine oxidase precursor (EC 1.5.3.11).
AK105616	Rieske iron-sulfur protein Tic55 precursor.
AK120704	Rieske iron-sulfur protein Tic55 precursor.
AK109673	FAD linked oxidase, N-terminal domain containing protein.
CI138675	FAD linked oxidase, N-terminal domain containing protein.
CI526548	Glycosyl transferase, family 31 protein.
AK065136	Glycosyl transferase, family 17 protein.
AK065744	Caffeoyl-CoA O-methyltransferase 5 (EC 2.1.1.104) (Trans-caffeoyl-CoA 3-O-methyltransferase 5) (CCoAMT-5) (CCoAOMT-5).
AK071482	Caffeoyl-CoA O-methyltransferase 2 (EC 2.1.1.104) (Trans-caffeoyl-CoA 3-O-methyltransferase 2) (CCoAMT-2) (CCoAOMT-2).
AK062814	GroES-like domain containing protein.
AK107962	Pyridoxamine 5'-phosphate oxidase-related domain containing protein.
AK071638	22 kDa protein of photosystem II.
D84392	22 kDa protein of photosystem II.
AK108529	Senescence-associated protein 5.
AK120845	Glycosyl transferase, family 8 protein.
CI402652	Adenosine diphosphate glucose pyrophosphatase precursor.
AF072694	Germin-like protein subfamily T member 1 precursor.
AK062698	Germin-like protein subfamily T member 1 precursor.
Os02g0491600	Germin family protein.
Os03g0804600	RmlC-like cupin family protein.

Unknown/No significant hit	
AK059229	Auxin Efflux Carrier family protein.
CI437057	(No Hit)
AK067181	Zn-finger, RING domain containing protein.
CI136777	(No Hit)
CI139544	Protein of unknown function DUF231 domain containing protein.
CI257278	Protein of unknown function DUF231 domain containing protein.
Os06g0727900	Conserved hypothetical protein.
AK100094	Conserved hypothetical protein.
AK070844	Protein of unknown function DUF6 domain containing protein.
CI352345	Protein of unknown function DUF6 domain containing protein.
AK107007	Protein of unknown function DUF604 family protein.
AK061488	Uncharacterized plant-specific domain 01627 containing protein.
AK059730	Protein of unknown function DUF125 family protein.
AK108230	Nodulin 21 (N-21).
AK062396	Concanavalin A-like lectin/glucanase domain containing protein.
AK121225	Chitinase (Fragment).
AK062083	Phosphatidylinositol phosphatidylcholine transfer protein sec14 cytosolic-like protein.
AK111117	Conserved hypothetical protein.
AK069802	Arabidopsis protein of unknown function DUF266 family protein.
AK099608	Lipin, N-terminal conserved region domain containing protein.
CI389099	(No Hit)
AK121313	Glyoxal oxidase, N-terminal domain containing protein.
AK060392	Remorin, C-terminal region domain containing protein.
AK101668	Conserved hypothetical protein.
AK106445	Conserved hypothetical protein.
AK064136	Conserved hypothetical protein.
AK072846	Conserved hypothetical protein.
AK101596	CBS domain containing protein.
AY600992	SKP1 component family protein.
AK107505	Leucine-rich repeat, plant specific containing protein.
AK070283	Leucine-rich repeat, typical subtype containing protein.
AK106224	Leucine-rich repeat, plant specific containing protein.
AK072881	Leucine-rich repeat, plant specific containing protein.
AK100082	Leucine-rich repeat, plant specific containing protein.
AK067464	Leucine-rich repeat, plant specific containing protein.
AK101696	Leucine-rich repeat, plant specific containing protein.
Os05g0104300	Leucine-rich repeat, plant specific containing protein.

CI466826	(No Hit)
CI486497	(No Hit)
AK108676	Leucine-rich repeat, plant specific containing protein.
Os05g0104600	Leucine-rich repeat, plant specific containing protein.
AK066165	Leucine-rich repeat, cysteine-containing type containing protein.
AK103606	Leucine-rich repeat, plant specific containing protein.
AK108581	Leucine-rich repeat, plant specific containing protein.
AK111715	GAMYB-binding protein (Fragment).
AK111806	Hypothetical protein.
AK072737	Membrane attack complex component/perforin/complement C9 family protein.
AK105639	Membrane attack complex component/perforin/complement C9 family protein.
CI249573	Membrane attack complex component/perforin/complement C9 family protein.
AK064389	Low molecular weight heat shock protein precursor.
AK119780	Viviparous-14.
AK073765	Ankyrin repeat containing protein.
AK061038	Rhomboid-like protein family protein.
AK061443	Membrane protein.
AK102725	Membrane protein.
AK061148	Protein of unknown function DUF26 domain containing protein.
AK110725	Protein of unknown function DUF26 domain containing protein.
AY576676	Protein of unknown function DUF26 domain containing protein.
AK111969	Protein of unknown function DUF26 domain containing protein.
AY303697	Protein of unknown function DUF26 domain containing protein.
CI215988	Protein of unknown function DUF26 domain containing protein.
AJ698084	Membrane related protein-like.
AK061898	Membrane related protein-like.
AK063189	Membrane related protein-like.
AK065035	Membrane related protein-like.
AB059239	Eggshell protein family protein.
AK121664	Eggshell protein family protein.
AK103350	Glycine-rich cell wall structural protein 2 precursor.
AK109396	Eggshell protein family protein.
AK107054	MORN motif repeat containing protein.
AK060705	Hydroxycinnamoyl transferase.
AK104319	Hydroxycinnamoyl transferase.
AK064755	Transferase family protein.
AK106249	Transferase family protein.
AK109553	Transferase family protein.
AK109723	Transferase family protein.
AK109743	Agmatine coumaroyltransferase.
Os06g0710700	Benzoyl coenzyme A: benzyl alcohol benzoyl transferase.
CI434548	(No Hit)
CI434548	(No Hit)
Os04g0664600	Agmatine coumaroyltransferase.
C97337	Transferase family protein.
Os09g0544000	Transferase family protein.
AK062295	Root-specific protein (RCc2 protein).
AK108652	Auxin responsive SAUR protein family protein.
CI556117	Auxin responsive SAUR protein family protein.
AK107649	Viviparous-14.
AK071721	GH3 auxin-responsive promoter family protein.
CI548947	Bet v I allergen family protein.
AK061064	1-aminocyclopropane-1-carboxylate oxidase.
AF049889	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1) (Ethylene-forming enzyme) (EFE).
AK066805	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1) (Ethylene-forming enzyme) (EFE).
AK071557	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1) (Ethylene-forming enzyme) (EFE).
AK103969	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1) (Ethylene-forming enzyme) (EFE).
CI439818	2OG-Fe(II) oxygenase domain containing protein.
AK120747	Protein of unknown function DUF299 family protein.
Os03g0697200	Lysine decarboxylase-like protein.
AK067321	Floral nectary-specific protein.
AK070415	SAM dependent carboxyl methyltransferase family protein.
Os11g0257200	SAM dependent carboxyl methyltransferase family protein.
AK069194	Protein of unknown function DUF341 family protein.
AK100647	Protein of unknown function DUF341 family protein.
AK063715	ZF-HD homeobox protein (Fragment).
AK058609	Hypothetical protein.
AK059364	Uncharacterized Cys-rich domain containing protein.
AK065601	Uncharacterized Cys-rich domain containing protein.
AK072035	Uncharacterized Cys-rich domain containing protein.
AK120107	Uncharacterized Cys-rich domain containing protein.
AK071173	PGPS/D12.
CI029916	Protein of unknown function DUF597 family protein.
AK108985	Protein of unknown function DUF599 family protein.
CI234504	Protein of unknown function DUF630 domain containing protein.
AK065552	COBRA-like protein 7 precursor.
AK069563	Conserved hypothetical protein.
AK108923	MAP65/ASE1 family protein.
CI158665	Protein of unknown function DUF580 family protein.
AK102726	Protein of unknown function DUF584 family protein.
AK120442	Conserved hypothetical protein.
AK063042	Protein of unknown function DUF581 family protein.
AK070920	Protein of unknown function DUF581 family protein.
AF264730	Protein of unknown function DUF563 family protein.
AK065605	Protein of unknown function DUF563 family protein.
AK070014	Protein of unknown function DUF563 family protein.
AK110377	Protein of unknown function DUF563 family protein.
AK106428	Protein of unknown function DUF668 family protein.
AK108185	Protein of unknown function DUF668 family protein.
AK108815	Hypothetical protein.
AK067590	T-complex 11 family protein.
AK120173	T-complex 11 family protein.
CI028715	VQ domain containing protein.
AK063156	Hypothetical protein.
AK108527	VQ domain containing protein.
AK109286	VQ domain containing protein.
CI557591	(No Hit)
CI175427	(No Hit)
AK120403	Leucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.4) (Leucine--tRNA ligase) (LeuRS).
AK104945	Protein of unknown function DUF1118 family protein.
AK060227	Protein of unknown function DUF1218 family protein.
AK071752	Protein of unknown function DUF1218 family protein.
AK105992	Protein of unknown function DUF1218 family protein.
AK107572	Protein of unknown function DUF1336 domain containing protein.
AK068151	Wound-induced WI12 family protein.
AK061842	ZIM domain containing protein.
AK099557	ZIM domain containing protein.
AK065604	ZIM domain containing protein.
AK068566	ZIM domain containing protein.
AK073589	ZIM domain containing protein.
AK060047	ZIM domain containing protein.
AK107750	ZIM domain containing protein.
AK107854	ZIM domain containing protein.
AK067971	ZIM domain containing protein.
AK120087	ZIM domain containing protein.
AK072031	Conserved hypothetical protein.
AK107576	Conserved hypothetical protein.

AK108331	Conserved hypothetical protein.
CI142785	(No Hit)
CI190887	Lipoxygenase.
AF251065	4-hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27) (4HPPD) (HPD) (HPPDase).
AK058890	4-hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27) (4HPPD) (HPD) (HPPDase).
AK060177	Conserved hypothetical protein.
AB110172	Poly(A)-binding protein C-terminal interacting protein 243.
AK062364	Non-protein coding transcript, unclassifiable transcript.
AK062379	Non-protein coding transcript, unclassifiable transcript.
AK062443	Hypothetical protein.
AK062765	Hypothetical protein.
AK062771	Hypothetical protein.
AK062808	MFP1 attachment factor 1.
AK063067	Hypothetical protein.
AK063113	Non-protein coding transcript, unclassifiable transcript.
AK063123	Hypothetical protein.
AK063473	Conserved hypothetical protein.
AK063655	Conserved hypothetical protein.
AK064256	Conserved hypothetical protein.
AK066137	Conserved hypothetical protein.
AK066473	Hypothetical protein.
AK066877	Conserved hypothetical protein.
AK067141	Wali7 protein (Fragment).
AK104102	Wali7 protein (Fragment).
AK104347	Wali7 protein (Fragment).
AK067174	Conserved hypothetical protein.
AK067245	Hypothetical protein.
AK067415	Hypothetical protein.
AK120354	Hypothetical protein.
AK068049	Hypothetical protein.
AK068106	Conserved hypothetical protein.
AK068970	Conserved hypothetical protein.
AK061176	Conserved hypothetical protein.
AK069719	Conserved hypothetical protein.
AK069826	Conserved hypothetical protein.
AK070315	Conserved hypothetical protein.
AK061298	Glycine-rich cell wall structural protein 2 precursor.
AK070851	Glycine-rich cell wall structural protein 2 precursor.
AK071530	Non-protein coding transcript, putative npRNA.
AK071661	Calmodulin-related protein 2, touch-induced.
AK071841	Conserved hypothetical protein.
AK072303	PWWP domain containing protein.
AK062821	Conserved hypothetical protein.
AK072734	Conserved hypothetical protein.
AK104136	Conserved hypothetical protein.
AK072757	Conserved hypothetical protein.
AK064329	Conserved hypothetical protein.
AK100100	Conserved hypothetical protein.
AK101244	Conserved hypothetical protein.
AK098944	Hypothetical protein.
AK102550	Hypothetical protein.
AK064070	Hypothetical protein.
AK102661	Hypothetical protein.
AK102686	Conserved hypothetical protein.
AK103818	Conserved hypothetical protein.
AK105119	Conserved hypothetical protein.
AK105197	Conserved hypothetical protein.
AK105481	Conserved hypothetical protein.
AK105511	Conserved hypothetical protein.
AK105554	Conserved hypothetical protein.
AK105571	Conserved hypothetical protein.
AK105763	Conserved hypothetical protein.
AK106237	Conserved hypothetical protein.
AK106263	Conserved hypothetical protein.
AK106310	Hypothetical protein.
AK106562	Non-protein coding transcript, uncharacterized transcript.
AK106631	Conserved hypothetical protein.
AK106678	Conserved hypothetical protein.
AK106712	Hypothetical protein.
AK106901	Hypothetical protein.
AK106950	Conserved hypothetical protein.
AK107076	Conserved hypothetical protein.
AK107442	Conserved hypothetical protein.
AK107601	Conserved hypothetical protein.
AK107826	Conserved hypothetical protein.
AK107964	Conserved hypothetical protein.
AK108001	Conserved hypothetical protein.
AK108046	Conserved hypothetical protein.
AK108113	Conserved hypothetical protein.
AK108124	Hypothetical protein.
AK108161	Conserved hypothetical protein.
AK108234	Non-protein coding transcript, unclassifiable transcript.
AK108297	Conserved hypothetical protein.
AK108536	Conserved hypothetical protein.
AK108575	Conserved hypothetical protein.
AK108714	Conserved hypothetical protein.
AK108794	Glycoside hydrolase, family 32 protein.
AK109888	Hypothetical protein.
AK110646	Hypothetical protein.
AK111011	Non-protein coding transcript, putative npRNA.
AK111076	Conserved hypothetical protein.
AK111250	Hypothetical protein.
AK111370	Conserved hypothetical protein.
AK120025	Conserved hypothetical protein.
AK120026	Conserved hypothetical protein.
AK120114	Non-protein coding transcript, uncharacterized transcript.
AK066472	Hypothetical protein.
AK120329	Hypothetical protein.
AK121240	Conserved hypothetical protein.
AK058733	L-asparaginase (L-asparagine amidohydrolase).
AK061502	L-asparaginase (L-asparagine amidohydrolase).
AK121820	L-asparaginase (L-asparagine amidohydrolase).
CI397599	(No Hit)
CI339638	Hypothetical protein.
CI413897	Conserved hypothetical protein.
CI419915	(No Hit)
CI424131	(No Hit)
CI550567	Conserved hypothetical protein.
CI441424	(No Hit)
CI441424	(No Hit)
CI442602	Leucine-rich repeat, typical subtype containing protein.
CB669700	SAM dependent carboxyl methyltransferase family protein.
CI470608	(No Hit)
CI476318	(No Hit)
CI535167	(No Hit)
CI555238	Conserved hypothetical protein.
CI562241	Phage head-tail adaptor, putative family protein.

CI136677	RNA-binding region RNP-1 (RNA recognition motif) domain containing protein.
CI138288	(No Hit)
Os05g0368000	Conserved hypothetical protein.
CI544010	Conserved hypothetical protein.
CI242777	Conserved hypothetical protein.
CI142216	(No Hit)
AU174459	Hypothetical protein.
Os10g0513400	Cytochrome P450 family protein.
Os11g0264500	Hypothetical protein.
Os12g0418600	Hypothetical protein.
AK058353	Conserved hypothetical protein.
AK059622	Protein of unknown function DUF588 family protein.
AK061128	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.
AK061224	Raffinose synthase family protein.
AK062152	GmCK1p (EC 2.7.1.32).
AK063898	Hypothetical protein.
AK064257	Protein of unknown function DUF594 family protein.
AK066261	Uncharacterized plant-specific protein DUF506 domain containing protein.
AK066489	Conserved hypothetical protein.
AK066636	Pectate lyase/Amb allergen family protein.
AK066764	Conserved hypothetical protein.
AK068954	Galactose oxidase, central domain containing protein.
AK069247	Protein of unknown function DUF563 family protein.
AK069958	Conserved hypothetical protein.
AK070065	GmCK1p (EC 2.7.1.32).
AK070795	Conserved hypothetical protein.
AK071353	Protein of unknown function DUF1118 family protein.
AK071688	Conserved hypothetical protein.
AK071968	GmCK1p (EC 2.7.1.32).
AK071994	Conserved hypothetical protein.
AK098914	GmCK1p (EC 2.7.1.32).
AK099180	Protein of unknown function DUF1118 family protein.
AK099776	Hs1pro-1 protein.
AK100002	Conserved hypothetical protein.
AK100746	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.
AK101291	Phosphoesterase family protein.
AK103552	Protein of unknown function DUF966 family protein.
AK103579	Conserved hypothetical protein.
AK103580	Conserved hypothetical protein.
AK104991	Conserved hypothetical protein.
AK105151	GmCK1p (EC 2.7.1.32).
AK105331	Hypothetical protein.
AK106072	Conserved hypothetical protein.
AK106333	Rb (Fragment).
AK106740	Conserved hypothetical protein.
AK106910	Conserved hypothetical protein.
AK107951	Uncharacterized plant-specific protein DUF506 domain containing protein.
AK108314	Glutathione S-transferase, C-terminal domain containing protein.
AK109033	Conserved hypothetical protein.
AK109272	Conserved hypothetical protein.
AK111091	Conserved hypothetical protein.
AK111204	Conserved hypothetical protein.
AK119633	Phosphoesterase family protein.
AK119662	Protein of unknown function DUF966 family protein.
AK120501	Hypothetical protein.
AK120911	Hypothetical protein.
AK121006	Survival protein SurE family protein.
AU029735	Hypothetical protein.
AU174579	Conserved hypothetical protein.
AY224522	Hs1pro-1 protein.
AY336800	GmCK1p (EC 2.7.1.32).
CI071220	Transferase family protein.
CI208232	(No Hit)
CI209896	(No Hit)
CI434004	Conserved hypothetical protein.
CI544192	Blind.
CI545664	Conserved hypothetical protein.
Os01g0960200	Protein of unknown function DUF630 domain containing protein.
U82833	S-adenosylmethionine synthetase 2 (EC 2.5.1.6) (Methionine adenosyltransferase 2) (AdoMet synthetase 2).
CI434821	(No Hit)
CI449644	(No Hit)
CI502054	Lipase, class 3 family protein.
CI555370	Protein of unknown function DUF668 family protein.
Os01g0136500	Hypothetical protein.
Os01g0731600	Conserved hypothetical protein.
AK059185	Phospholipid-transporting ATPase 1 (EC 3.6.3.1) (Aminophospholipid flippase 1).
AK069712	Hypothetical protein.
AK121303	Non-protein coding transcript, unclassifiable transcript.
AY224537	U box domain containing protein.
CI015452	(No Hit)
CI042304	(No Hit)
CI149610	(No Hit)
CI150560	(No Hit)
CI223934	(No Hit)
CI234556	Exo70 exocyst complex subunit family protein.
CI234556	(No Hit)
CI262881	(No Hit)
CI262881	(No Hit)
CI262881	(No Hit)
CI262881	(No Hit)
CI363731	(No Hit)
CI422497	PGPS/D12.
CI422575	Poly(A) polymerase, central region domain containing protein.
CI426747	Peptidoglycan-binding LysM domain containing protein.
CI431610	(No Hit)
CI447417	(No Hit)
CI495215	Purple acid phosphatase precursor (EC 3.1.3.2).
CI544959	(No Hit)
CI544959	(No Hit)
CI544959	(No Hit)
CI563011	(No Hit)
CI563011	(No Hit)
CI563011	(No Hit)
CI563011	(No Hit)
CI563011	(No Hit)
Os02g0202700	Serine acetyltransferase.
Os03g0827900	Conserved hypothetical protein.
Os04	miRNA
Os06g0185300	Transferase family protein.
Os10g0514500	Cytochrome P450 family protein.
Os11g0244100	Transferase family protein.
Os11g0705800	Scarecrow-like 9 (Fragment).
X12539	NONE
X12539	NONE
X12539	NONE
X12539	NONE

Supplemental Table 2. Differentially expressed transcripts between TvX-treated wild-type, *Ostpc1* and complementation lines at different time points.
The relative expression level of each gene in the wild-type or the complementation line (*Ostpc1/OsTPC1*) at time 0 was standardized as 1.

Locus ID	Accession	Description	Symbol	Wild-type					*Ostpc1*					*Ostpc1/OsTPC1*				*Ostpc1/GUS*			
				0	0.5	2	6	12	0	0.5	2	6	12 (h)	0	2	6	12	0	2	6	12 (h)
Os01g0102500	AK100002	Conserved hypothetical protein.		1.00	1.78	2.08	1.17	1.17	0.69	0.96	1.79	0.95	0.44	1.00	3.29	1.75	1.49	0.48	1.42	0.56	0.39
Os01g0106400	AK102701	Isoflavone reductase-like protein.		1.00	0.80	2.21	7.97	11.39	1.62	1.31	1.45	3.29	5.16	1.00	2.23	9.16	9.71	0.37	0.41	2.33	3.06
Os01g0106400	AK109339	Isoflavone reductase-like protein.		1.00	0.82	2.18	7.76	11.70	1.61	1.23	1.43	3.30	5.31	1.00	2.19	9.50	9.69	0.37	0.44	2.34	2.94
Os01g0106400	AY071920	Isoflavone reductase-like protein.		1.00	0.83	2.16	8.03	11.10	1.60	1.24	1.44	3.24	5.07	1.00	2.16	9.38	9.65	0.36	0.41	2.24	2.92
Os01g0126100	AK106990	Calycin family protein.		1.00	1.42	1.43	2.20	4.07	0.49	0.51	0.56	1.33	1.01	1.00	1.09	2.11	1.59	0.54	0.88	1.15	0.92
Os01g0127000	AK105526	Multicopper oxidase, type 1 domain containing protein.		1.00	1.12	10.87	9.77	4.72	0.78	0.74	1.46	1.77	1.02	1.00	10.62	11.30	5.59	0.93	6.39	8.34	2.23
Os01g0127900	AK070177	Mannose-6-phosphate isomerase, type I family protein.		1.00	3.14	11.66	4.70	3.59	1.14	1.76	7.04	3.08	1.22	1.00	23.46	6.02	3.49	0.66	8.45	2.55	3.79
Os01g0128000	AK107424	Myb, DNA-binding domain containing protein.		1.00	1.20	3.06	1.42	4.42	0.62	0.91	1.95	1.54	1.74	1.00	3.50	2.46	1.75	0.45	1.07	1.14	3.86
Os01g0130200	CI449644	(No Hit)		1.00	1.08	2.59	1.59	0.93	0.38	0.57	0.64	0.68	0.91	1.00	1.21	2.26	0.73	0.30	0.49	0.39	0.40
Os01g0132000	AB059238	Bowman-Birk type wound induced proteinase inhibitor WIP1 precursor.		1.00	2.56	10.39	15.90	11.82	1.59	2.78	10.55	7.64	4.41	1.00	8.24	4.80	2.53	0.55	11.57	6.80	4.34
Os01g0136500	Os01g0136500	Hypothetical protein.		1.00	1.32	4.08	2.61	1.41	1.02	0.61	2.50	1.53	1.13	1.00	4.67	3.83	1.90	0.74	2.83	3.07	1.99
Os01g0141000	AK065008	AP2 domain containing protein RAP2.8 (Fragment).		1.00	1.03	3.12	1.63	1.02	0.57	0.62	1.37	1.15	0.90	1.00	3.72	2.38	1.32	0.61	1.47	0.88	0.73
Os01g0149900	AK066489	Conserved hypothetical protein.		1.00	0.98	4.80	3.78	3.41	1.00	0.95	1.82	4.72	1.96	1.00	10.28	5.15	2.55	0.85	3.63	2.10	1.24
Os01g0155500	AK099840	Resistance protein candidate (Fragment).		1.00	4.72	7.60	11.92	9.91	0.91	1.28	3.15	6.92	3.26	1.00	6.62	18.63	9.17	0.42	1.72	8.32	6.33
Os01g0159300	AK073728	Zn-finger, RING domain containing protein.		1.00	2.42	6.26	2.99	2.50	0.80	1.01	3.34	1.74	1.19	1.00	8.88	2.65	2.45	0.52	4.50	1.65	1.43
Os01g0160800	AB051108	Protein synthesis inhibitor II (EC 3.2.2.22) (Ribosome-inactivating protein II) (rRNA N-glycosidase).		1.00	3.15	17.40	7.41	5.86	1.12	2.01	11.29	4.77	2.54	1.00	13.11	2.39	2.51	0.62	10.26	3.31	2.25
Os01g0170000	AK061224	Raffinose synthase family protein.		1.00	1.43	2.77	1.25	0.73	1.10	0.87	1.36	0.96	0.52	1.00	7.36	2.86	1.50	0.93	4.13	1.56	1.21
Os01g0179000	CI071220	Transferase family protein.		1.00	2.99	7.99	1.74	0.77	0.58	0.82	2.28	0.77	0.36	1.00	15.88	2.84	0.77	0.58	5.07	0.93	0.37
Os01g0186900	AK105331	Hypothetical protein.		1.00	17.32	3.58	1.08	1.93	1.08	5.93	2.16	1.42	1.56	1.00	5.82	0.90	1.12	0.45	1.07	0.43	0.50
Os01g0192300	AK062109	I-box binding factor (Fragment).		1.00	1.29	4.13	1.15	1.26	0.75	0.89	1.45	0.61	0.62	1.00	7.06	2.00	2.09	1.32	5.19	1.39	1.24
Os01g0194000	AK058353	Conserved hypothetical protein.		1.00	4.05	3.11	2.47	2.27	0.78	1.40	1.52	2.07	1.00	1.00	4.75	3.22	1.79	1.03	3.01	2.04	1.43
Os01g0194000	AK071994	Conserved hypothetical protein.		1.00	5.37	3.25	2.88	2.30	0.88	1.66	1.71	2.11	0.99	1.00	6.21	3.75	2.99	0.76	2.59	1.68	1.33
Os01g0208700	AK066635	Phosphoenolpyruvate-carboxylase (Fragment).		1.00	1.17	3.02	3.14	1.92	0.67	0.55	1.55	1.87	0.71	1.00	4.42	3.33	3.97	1.10	2.66	2.27	1.53
Os01g0209700	AK108802	Gibberellin 2-beta-dioxygenase (EC 1.14.11.13) (Gibberellin 2-beta- hydroxylase).		1.00	2.74	31.01	2.27	1.00	1.11	1.11	13.37	4.49	2.20	1.00	16.28	3.61	2.21	0.77	12.28	0.77	0.77
Os01g0213400	AK068075	Zn-finger, RING domain containing protein.		1.00	3.10	7.79	4.41	2.67	0.78	1.79	3.82	2.95	2.27	1.00	9.56	3.60	2.38	0.60	5.63	2.98	2.18
Os01g0246700	AK105509	WRKY transcription factor 1.		1.00	4.16	5.90	3.70	2.68	1.30	2.04	3.19	3.71	1.54	1.00	7.57	6.22	4.62	0.63	2.92	3.19	2.26
Os01g0268500	Os01g0268500	Conserved hypothetical protein.		1.00	1.29	2.97	1.03	0.81	0.90	0.64	1.36	0.91	0.73	1.00	2.45	1.88	1.02	0.90	1.22	0.79	0.46
Os01g0276700	AK103465	Pyruvate kinase, cytosolic isozyme (EC 2.7.1.40) (PK).		1.00	1.33	2.78	1.94	1.66	0.63	0.46	1.38	1.07	1.04	1.00	2.27	1.48	1.08	0.59	1.18	0.95	0.96
Os01g0289600	CI551338	DNA-binding WRKY domain containing protein.		1.00	1.76	2.61	3.03	2.20	1.02	0.74	1.05	2.03	0.84	1.00	4.67	7.92	4.70	0.73	3.60	2.77	1.93
Os01g0296700	AK105791	Glycoside hydrolase, family 3, C-terminal domain containing protein.		1.00	1.63	3.53	1.45	0.82	0.35	0.23	0.69	0.72	0.34	1.00	4.77	5.18	2.31	0.99	2.55	1.40	0.70
Os01g0297200	AK109883	AAA ATPase, central region domain containing protein.		1.00	1.13	2.24	1.44	1.11	0.49	0.42	0.53	0.54	0.38	1.00	3.02	2.11	1.65	0.78	1.62	1.19	1.00
Os01g0298400	CI441351	MYB9.		1.00	16.21	6.41	1.58	1.29	0.79	5.25	2.92	2.61	1.34	1.00	5.99	2.99	2.89	0.93	4.54	0.93	0.93
Os01g0313600	CI434821	(No Hit)		1.00	1.25	1.46	2.25	2.11	1.10	1.11	1.21	2.45	0.79	1.00	1.86	2.20	3.08	1.43	1.86	2.41	1.37
Os01g0323600	U82833	S-adenosylmethionine synthetase 2 (EC 2.5.1.6) (Methionine adenosyltransferase 2).		1.00	0.98	1.99	2.06	1.17	1.08	0.70	0.94	1.54	0.77	1.00	3.05	3.37	2.23	0.84	1.63	2.09	1.39
Os01g0342700	AK106603	PDR-like ABC transporter (PDR4 ABC transporter).		1.00	0.97	6.53	25.90	24.62	1.22	1.37	7.84	20.07	11.44	1.00	8.31	19.02	12.82	0.61	6.03	13.09	8.43
Os01g0342700	AY332479	PDR-like ABC transporter (PDR4 ABC transporter).		1.00	1.02	6.87	23.93	23.25	1.11	1.32	6.09	16.71	9.93	1.00	8.08	17.49	12.26	0.67	6.13	14.00	7.02
Os01g0346400	CI434004	Conserved hypothetical protein.		1.00	0.69	1.81	2.42	1.25	0.78	0.48	0.66	1.43	1.39	1.00	1.07	2.75	1.31	0.08	0.07	0.31	0.33
Os01g0363300	AK059622	Protein of unknown function DUF588 family protein.		1.00	0.90	6.60	2.74	1.00	1.94	1.94	2.96	5.37	1.71	1.00	5.98	5.71	1.84	0.39	1.81	1.45	1.01
Os01g0372400	AK108314	Glutathione S-transferase, C-terminal domain containing protein.		1.00	3.04	14.86	3.61	1.85	1.46	2.12	6.73	3.07	2.92	1.00	20.82	3.12	3.36	0.78	15.32	2.81	1.62
Os01g0498300	AK069247	Protein of unknown function DUF563 family protein.		1.00	7.32	3.20	1.29	1.19	0.60	2.03	1.73	0.98	0.66	1.00	2.91	1.52	1.35	0.79	1.64	1.08	0.92
Os01g0508500	AK120501	Hypothetical protein.		1.00	2.55	9.39	4.11	1.00	0.93	0.93	0.93	2.18	0.93	1.00	4.94	9.97	2.83	0.22	0.22	0.22	0.22
Os01g0546800	AK066636	Pectate lyase/Amb allergen family protein.		1.00	1.64	2.60	2.50	1.53	1.02	1.07	1.29	2.11	0.92	1.00	3.97	3.82	2.13	0.65	1.76	2.12	1.45
Os01g0561600	AK069494	Cytochrome P450 family protein.		1.00	1.15	14.16	33.14	24.04	1.77	1.49	10.73	25.26	11.36	1.00	30.74	55.02	35.93	0.41	16.64	32.97	25.39
Os01g0575200	AK106333	Rb (Fragment).		1.00	3.95	8.33	3.53	3.50	0.81	1.84	5.33	4.28	2.71	1.00	10.20	4.61	3.32	0.56	4.65	2.57	2.26
Os01g0582600	CI545664	Conserved hypothetical protein.		1.00	2.67	2.91	1.13	0.99	0.77	0.95	1.52	0.91	0.64	1.00	2.29	1.51	1.02	0.49	0.97	0.65	0.63
Os01g0584900	AK108522	WRKY transcription factor 67.		1.00	3.46	20.24	9.71	6.34	0.88	2.06	9.80	4.40	3.71	1.00	7.07	1.53	0.97	0.15	2.00	0.49	0.31
Os01g0585300	AK071353	Protein of unknown function DUF1118 family protein.		1.00	2.93	7.77	3.61	3.41	0.90	1.32	2.34	1.84	1.86	1.00	3.67	2.39	1.84	0.17	1.59	0.60	0.74
Os01g0585300	AK099180	Protein of unknown function DUF1118 family protein.		1.00	2.79	4.47	2.32	3.37	0.92	1.36	3.01	1.95	1.67	1.00	3.11	1.90	1.74	0.22	2.42	0.70	0.98
Os01g0597600	AU056136	Amino acid/polyamine transporter II family protein.		1.00	29.25	2.56	0.75	0.65	1.17	3.06	1.19	0.48	0.45	1.00	3.04	1.67	0.89	1.12	1.51	1.33	0.89
Os01g0597800	AK102671	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	2.72	4.98	3.35	3.21	1.19	1.59	3.38	2.58	1.59	1.00	4.57	2.46	2.73	0.75	2.93	1.85	1.68
Os01g0604500	AK064844	Flagellar calcium-binding protein (calflagin) family protein.		1.00	2.13	4.39	2.26	1.52	1.02	1.01	2.60	1.56	1.09	1.00	4.74	2.44	1.43	0.69	2.81	1.63	1.68
Os01g0606100	AU174579	Conserved hypothetical protein.		1.00	1.68	2.08	1.09	0.94	0.86	0.71	1.10	1.04	0.65	1.00	2.82	1.79	1.80	0.92	1.65	1.31	1.21
Os01g0609200	Os01g0609200	ABC transporter related domain containing protein.		1.00	1.87	3.59	2.33	2.51	0.95	0.66	2.69	1.75	1.14	1.00	5.33	3.40	3.53	0.58	2.87	1.98	1.98
Os01g0609300	AK058981	PDR-like ABC transporter (PDR3 ABC transporter).		1.00	2.13	4.62	2.49	2.84	0.97	0.84	3.28	2.12	1.35	1.00	6.70	4.40	4.18	0.57	3.96	2.05	2.20
Os01g0609300	AK100135	PDR-like ABC transporter (PDR3 ABC transporter).		1.00	2.12	5.03	2.69	3.06	0.87	0.73	3.29	2.00	1.24	1.00	6.78	4.45	4.26	0.54	3.71	1.99	2.23
Os01g0609300	AY271618	PDR-like ABC transporter (PDR3 ABC transporter).		1.00	2.29	4.72	2.53	2.83	0.95	0.88	3.21	0.72	1.39	1.00	6.42	4.52	4.35	0.56	3.57	2.12	2.16
Os01g0609900	AK065988	PDR-like ABC transporter (PDR4 ABC transporter).		1.00	2.23	6.48	2.61	1.58	1.01	0.74	3.85	2.50	0.88	1.00	12.01	7.03	3.10	1.04	8.40	4.69	2.25
Os01g0609900	AK121722	PDR-like ABC transporter (PDR4 ABC transporter).		1.00	2.19	6.68	2.75	1.64	1.01	0.78	3.91	2.37	0.91	1.00	12.36	7.57	3.11	1.03	7.75	4.63	2.24
Os01g0615100	AJ601438	Substilin /chymotrypsin-like inhibitor (Proteinase inhibitor).		1.00	1.00	8.98	17.58	23.85	1.01	1.43	4.25	49.72	42.60	1.00	20.16	29.53	62.20	0.66	20.59	11.29	7.93
Os01g0618700	CI502054	Lipase, class 3 family protein.		1.00	1.17	3.98	3.33	2.08	0.79	0.56	2.37	3.09	0.82	1.00	4.25	3.92	3.79	1.07	2.95	2.49	1.99
Os01g0623500	AK066142	AAA ATPase, central region domain containing protein.		1.00	1.80	3.66	1.61	1.13	0.71	0.79	2.09	1.05	0.64	1.00	3.49	1.45	0.97	0.63	2.05	0.77	0.56
Os01g0628700	CI002312	Cytochrome P450.		1.00	3.77	4.63	1.63	1.34	0.35	0.85	2.18	0.50	0.52	1.00	5.38	2.12	1.53	0.72	3.47	0.67	0.63
Os01g0629600	AK071156	Peptidase S10, serine carboxypeptidase family protein.		1.00	0.79	0.67	2.21	4.38	2.24	1.02	0.90	3.05	2.03	1.00	0.83	1.70	4.83	0.92	0.46	1.80	2.85
Os01g0644900	AK106910	Conserved hypothetical protein.		1.00	18.53	20.66	2.14	1.41	1.30	14.49	8.44	4.09	2.48	1.00	9.01	4.91	0.65	1.60	9.78	1.77	1.39
Os01g0648000	AK120308	Potassium channel.		1.00	1.33	4.83	1.21	0.78	0.71	0.62	1.96	0.97	0.62	1.00	4.90	0.53	0.46	0.77	2.70	0.58	0.59
Os01g0648000	AY065970	Potassium channel.		1.00	1.26	4.81	1.23	0.80	0.73	0.69	1.89	0.98	0.62	1.00	4.39	0.50	0.44	0.79	2.84	0.50	0.55
Os01g0654100	AK069482	CTP synthase (EC 6.3.4.2) (UTP--ammonia ligase) (CTP synthetase).		1.00	1.09	0.59	2.51	2.54	1.37	1.22	0.82	1.95	0.94	1.00	2.13	7.77	5.67	1.23	1.23	3.70	2.94
Os01g0656400	AY676926	WRKY transcription factor 15.		1.00	4.69	2.86	1.18	0.96	0.94	1.31	1.14	1.04	0.96	1.00	3.19	1.01	1.04	0.74	1.02	1.06	1.02
Os01g0661800	AK103579	Conserved hypothetical protein.		1.00	1.77	2.34	1.51	1.52	0.50	0.52	0.64	1.16	0.44	1.00	2.08	1.70	1.81	0.61	1.98	0.92	0.39
Os01g0665500	AK111013	WRKY transcription factor 34.		1.00	1.30	2.60	1.92	1.30	1.16	0.39	1.71	1.39	0.51	1.00	3.08	2.72	2.66	0.97	1.82	1.51	1.81
Os01g0667900	AK105335	Glutaredoxin domain containing protein.		1.00	3.48	6.14	2.57	2.05	0.69	1.56	3.15	1.70	1.51	1.00	2.61	1.30	1.24	0.58	2.55	0.73	0.66
Os01g0670100	AK101461	Protein kinase domain containing protein.		1.00	1.86	12.37	7.82	4.69	0.87	0.69	3.66	4.41	1.91	1.00	14.72	10.05	6.26	0.96	4.94	6.49	3.49
Os01g0675800	AK105493	No apical meristem (NAM) protein domain containing protein.		1.00	3.97	2.30	1.86	1.70	0.82	1.62	1.19	1.03	1.06	1.00	2.64	2.09	1.91	0.74	1.57	1.29	1.20
Os01g0678400	AK106072	Conserved hypothetical protein.		1.00	4.86	3.69	1.02	0.63	0.73	1.00	1.23	0.78	0.52	1.00	2.83	1.92	0.71	0.92	1.15	0.92	0.87
Os01g0681200	AK101149	Acyl-CoA synthetase (EC 6.2.1.3).		1.00	0.98	9.52	16.92	13.31	1.51	1.67	8.52	10.04	5.52	1.00	11.83	15.47	8.50	0.68	7.13	6.44	4.13
Os01g0681800	AK066764	Conserved hypothetical protein.		1.00	7.92	23.61	1.53	1.70	0.83	3.89	3.17	2.03	1.97	1.00	6.84	4.30	1.44	0.47	1.13	0.80	0.68
Os01g0685400	CI544192	Blind.		1.00	2.23	3.63	1.58	1.40	1.00	1.03	2.41	1.72	1.06	1.00	4.19	1.85	1.70	0.71	2.73	1.79	1.47
Os01g0689000	AK111204	Conserved hypothetical protein.		1.00	1.73	2.25	1.31	1.78	0.87	1.04	1.04	1.41	0.95	1.00	2.06	3.03	1.84	0.46	0.66	0.55	1.08
Os01g0690800	AK066430	Protein kinase domain containing protein.		1.00	2.25	3.91	2.33	1.60	0.65	0.78	2.46	1.93	0.96	1.00	2.35	1.96	1.84	0.87	1.95	1.35	0.94
Os01g0695800	AK108373	Multidrug resistance protein 1 homolog.		1.00	1.94	3.62	1.92	3.10	1.08	0.96	2.83	2.50	2.58	1.00	7.04	3.59	3.71	0.56	4.40	2.40	2.69
Os01g0699100	AK058518	Protein kinase domain containing protein.		1.00	4.69	4.07	1.44	0.94	0.58	0.90	1.59	0.60	0.49	1.00	3.59	2.26	0.71	0.76	2.45	0.56	0.32
Os01g0699500	AK071585	Protein kinase domain containing protein.		1.00	61.38	58.73	16.58	6.13	0.65	24.87	11.62	7.29	3.02	1.00	49.06	23.43	4.84	0.33	23.87	5.21	1.26
Os01g0699600	AK105196	Protein kinase domain containing protein.		1.00	80.68	50.41	6.87	1.99	1.25	29.10	15.92	5.46	1.91	1.00	25.87	6.32	1.44	0.46	12.59	1.71	0.51
Os01g0704300	AK068954	Galactose oxidase, central domain containing protein.		1.00	3.75	7.71	5.83	4.62	1.40	1.62	5.49	5.14	3.41	1.00	9.74	9.58	5.67	0.49	2.66	2.66	2.49
Os01g0705700	AK064946	Transcription factor ICE1 (Inducer of CBF expression 1) (Basic helix- loop-helix protein 116) (bHLH116).		1.00	14.94	12.63	5.69	3.33	0.65	3.79	4.21	2.49	1.73	1.00	9.01	8.84	2.83	0.40	3.07	1.41	1.16
Os01g0706600	CI208232	(No Hit)		1.00	2.10	18.61	5.49	4.20	0.68	1.71	10.56	2.38	2.48	1.00	6.70	1.76	1.78	0.59	5.74	1.27	1.08
Os01g0709400	AK121006	Survival protein SurE family protein.		1.00	1.38	2.25	1.14	1.29	0.65	0.55	1.04	0.87	0.82	1.00	2.51	1.68	1.91	0.61	0.91	0.87	0.71
Os01g0710100	AU029735	Hypothetical protein.		1.00	1.77	27.45	18.95	8.91	1.81	1.81	9.12	7.20	3.23	1.00	12.17	30.63	6.29	1.01	7.68	19.74	6.78
Os01g0714800	AK108555	WRKY transcription factor 26.		1.00	25.05	18.23	11.68	5.33	0.96	2.43	12.25	18.59	2.12	1.00	42.40	2.43	3.87	1.07	27.73	5.77	4.53
Os01g0717000	AK062152	GmCK1p (EC 2.7.1.32).		1.00	3.27	3.40	1.50	1.19	1.17	1.36	1.64	1.17	0.72	1.00	5.08	2.46	1.42	0.95	3.91	1.40	0.77
Os01g0717000	AK070065	GmCK1p (EC 2.7.1.32).		1.00	7.67	5.23	2.30	1.76	1.06	3.52	2.22	1.54	0.80	1.00	4.82	1.40	1.51	1.11	4.54	0.90	0.34
Os01g0717000	AK071968	GmCK1p (EC 2.7.1.32).		1.00	3.32	3.58	1.46	1.11	1.16	1.29	1.61	1.17	0.70	1.00	5.00	2.47	1.45	0.92	3.66	1.36	0.78
Os01g0717000	AK098914	GmCK1p (EC 2.7.1.32).		1.00	3.26	3.53	1.51	1.19	1.16	1.33	1.63	1.11	0.70	1.00	5.57	2.50	1.50	0.93	3.72	1.37	0.76
Os01g0717000	AK105151	GmCK1p (EC 2.7.1.32).		1.00	8.10	10.24	2.40	1.28	0.87	2.37	3.11	0.83	0.74	1.00	9.84	2.69	0.57	0.65	5.66	0.88	0.35
Os01g0717000	AY336800	GmCK1p (EC 2.7.1.32).		1.00	3.06	3.70	1.63	1.22	1.13	1.37	1.71	1.12	0.77	1.00	5.04	2.15	1.25	0.80	3.03	1.33	0.75
Os01g0719300	AK121195	Sulfate transporter 3.1 (AST12) (AtST1).		1.00	2.27	7.92	7.27	3.60	1.26	1.28	3.14	3.86	1.30	1.00	21.47	23.29	2.18	0.48	4.04	4.40	1.80
Os01g0720400	AK061237	HAD-superfamily subfamily IB hydrolase, hypothetical 1 protein.		1.00	6.33	16.64	10.38	12.75	0.88	3.70	15.49	10.12	5.71	1.00	15.29	4.29	5.14	0.59	8.26	3.01	3.44
Os01g0721800	AK120924	Protein kinase-like domain containing protein.		1.00	1.00	3.83	3.10	2.53	0.62	0.62	1.31	1.81	3.95	1.00	3.38	2.26	8.55	0.47	2.81	5.06	2.48
Os01g0723600	AK109735	Phosphoribosyl pyrophosphate synthase isozyme 3 precursor (EC 2.7.6.1).		1.00	1.06	5.16	6.77	4.68	1.19	1.13	4.15	3.56	2.18	1.00	4.44	6.94	3.36	0.56	4.10	3.36	1.54
Os01g0723800	AK061902	P-glycoprotein homologue.		1.00	2.68	7.84	0.72	0.38	1.50	1.26	9.11	2.10	1.15	1.00	7.44	7.20	1.29	0.71	12.64	3.13	0.91
Os01g0723800	AK067006	P-glycoprotein homologue.		1.00	2.61	7.80	0.68	0.39	1.46	1.22	8.87	2.08	1.05	1.00	8.80	7.59	1.35	0.53	8.38	1.99	0.53
Os01g0727700	CI209896	(No Hit)		1.00	8.51	13.98	4.61	2.54	0.68	3.49	6.28	2.17	1.64	1.00	8.42	3.07	1.07	0.84	8.63	2.00	0.95
Os01g0731600	Os01g0731600	Conserved hypothetical protein.		1.00	1.01	3.29	6.76	3.86	0.84	1.41	1.50	1.79	1.64	1.00	4.03	3.18	1.36	0.58	2.41	1.65	1.19
Os01g0734600	AK119562	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	1.36	1.19	2.13	1.59	0.38	0.33	0.36	0.52	0.37	1.00	3.31	5.63	3.22	0.79	1.38	3.50	2.17
Os01g0735900	AK107156	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	1.21	5.88	6.24	5.16	0.71	0.53	2.43	1.76	0.97	1.00	17.03	15.69	7.30	0.67	8.21	1.68	3.59
Os01g0742400	AK120741	Protein kinase domain containing protein.		1.00	2.18	11.30	7.44	3.87	1.26	3.02	5.46	5.69	3.05	1.00	5.66	7.35	4.58	1.46	3.77	2.93	2.21
Os01g0747300	AK066261	Uncharacterized plant-specific protein DUF506 domain containing protein.		1.00	2.03	9.30	5.87	2.15	0.57	0.75	3.01	1.92	0.79	1.00	6.44	1.43	0.67	0.44	4.46	1.28	0.46
Os01g0747400	AK102467	Protein kinase domain containing protein.		1.00	1.44	8.04	4.43	3.05	0.98	0.89	4.10	2.74	1.49	1.00	10.62	5.90	3.47	0.50	4.10	2.34	1.36
Os01g0761300	AK109619	Long-chain-fatty-acid-CoA ligase-like protein.		1.00	1.03	2.28	1.53	1.23	0.36	0.20	0.58	0.53	0.27	1.00	4.45	2.13	1.84	0.44	1.76	1.29	0.51
Os01g0772500	AK109736	Glycosyl transferase, family 14 protein.		1.00	3.19	5.35	2.43	2.38	0.85	1.01	2.91	0.87	0.77	1.00	2.21	0.40	0.83	0.57	0.91	0.60	0.63
Os01g0787600	AK121948	Ethylene-induced esterase.		1.00	0.91	1.23	2.04	1.09	0.66	0.59	0.74	0.96	0.66	1.00	1.74	2.16	0.98	0.52	0.98	1.21	0.55
Os01g0788400	AK109763	Pectinesterase (EC 3.1.1.11) (Pectin methylesterase) (PE).		1.00	1.32	2.95	7.68	7.23	1.12	1.26	2.15	3.37	3.45	1.00	2.51	4.16	3.89	0.40	0.96	2.06	1.81
Os01g0788400	AK120977	Pectinesterase (EC 3.1.1.11) (Pectin methylesterase) (PE).		1.00	1.30	3.11	6.91	6.58	1.04	1.24	1.97	3.07	3.26	1.00	2.61	4.11	4.03	0.40	0.88	2.03	1.75
Os01g0793800	AK111091	Conserved hypothetical protein.		1.00	2.10	5.76	6.43	6.69	0.83	1.45	3.23	3.11	3.16	1.00	7.17	3.16	3.79	0.85	5.14	2.48	1.62
Os01g0798200	AK109272	Conserved hypothetical protein.		1.00	1.49	3.22	5.54	2.63	1.34	0.92	2.43	2.77	2.66	1.00	4.06	2.50	1.93	0.50	3.66	2.45	0.87
Os01g0798800	AK064257	Protein of unknown function DUF594 family protein.		1.00	3.41	2.87	1.11	0.71	1.08	1.27	1.76	1.11	0.56	1.00	4.58	1.76	1.49	0.46	1.17	0.78	0.69
Os01g0802700	AK059229	Auxin Efflux Carrier family protein.		1.00	1.39	15.00	27.85	21.88	0.86	0.97	11.30	15.72	7.83	1.00	25.27	57.56	45.30	0.82	11.42	35.29	19.94
Os01g0816100	AB028183	NAC-domain containing protein 2 (ANAC002).		1.00	3.76	14.41	6.70	3.66	0.90	1.21	5.38	4.10	1.62	1.00	11.05	4.93	2.99	0.43	4.83	2.46	1.34
Os01g0816100	AK073848	NAC-domain containing protein 2 (ANAC002).		1.00	3.50	13.41	5.90	3.31	0.89	1.15	5.65	3.54	1.64	1.00	9.53	3.92	2.51	0.42	4.38	2.10	1.21
Os01g0821300	CI177257	(No Hit)		1.00	6.18	10.58	1.17	1.00	0.84	1.02	2.01	1.19	0.84	1.00	2.77	1.37	2.01	0.89	2.61	1.13	0.93
Os01g0821600	AK108657	DNA-binding WRKY domain containing protein.		1.00	10.24	4.21	1.60	1.00	1.07	3.85	2.62	1.62	0.99	1.00	2.24	2.21	1.08	0.29	0.52	0.75	0.41
Os01g0825800	AK064301	Amino acid/polyamine transporter II family protein.		1.00	0.94	3.28	2.32	1.30	0.59	0.43	1.03	0.81	0.96	1.00	3.22	5.16	2.21	0.64	1.51	2.33	1.27
Os01g0826400	AK107199	WRKY transcription factor 24.		1.00	42.70	27.18	9.17	5.09	1.20	16.97	18.68	8.89	3.09	1.00	26.96	5.42	3.47	0.60	10.97	3.65	1.86
Os01g0826400	AY341849	WRKY transcription factor 24.		1.00	40.33	27.49	9.28	5.05	1.19	16.28	18.27	8.70	2.98	1.00	26.37	5.41	3.58	0.59	10.64	3.48	2.04
Os01g0829900	AK070618	Oligopeptide transporter OPT superfamily protein.		1.00	1.00	3.85	9.09	5.10	1.12	1.12	1.76	14.37	4.65	1.00	4.97	0.73	8.02	1.00	1.00	3.68	1.25
Os01g0830100	AK069755	FAD-dependent pyridine nucleotide-disulphide oxidoreductase domain containing protein.		1.00	0.86	1.18	4.44	2.22	0.77	0.77	0.77	1.71	0.87	1.00	1.97	8.79	5.72	0.70	0.71	4.10	1.97
Os01g0834900	AK063898	Hypothetical protein.		1.00	23.79	10.98	2.54	1.58	0.31	19.00	19.74	0.96	1.36	1.00	6.18	1.27	0.54	0.94	10.88	0.62	0.41
Os01g0836600	AK067556	ABC transporter related domain containing protein.		1.00	1.45	1.27	2.14	3.46	1.02	0.39	0.56	1.42	0.64	1.00	1.99	1.79	6.20	1.15	0.96	1.15	1.29
Os01g0845100	CI555370	Protein of unknown function DUF668 family protein.		1.00	5.76	2.77	2.10	1.67	0.85	1.67	1.50	2.01	1.00	1.00	4.07	2.49	1.88	0.71	1.63	1.66	1.16
Os01g0855600	AK099776	Hs1pro-1 protein.		1.00	3.01	4.73	1.98	1.42	0.84	1.00	2.16	1.71	0.87	1.00	4.98	2.20	1.61	0.62	2.41	1.07	0.74
Os01g0855600	AY224522	Hs1pro-1 protein.		1.00	2.04	3.44	1.21	0.91	0.94	0.80	2.00	1.05	0.89	1.00	3.72	1.81	1.18	0.66	1.88	1.02	0.68
Os01g0855700	AK106740	Conserved hypothetical protein.		1.00	2.37	2.66	1.69	2.69	0.83	1.27	2.47	0.88	0.52	1.00	2.18	0.51	1.18	0.52	0.99	0.68	0.81
Os01g0857400	AK103684	Amino acid/polyamine transporter II family protein.		1.00	0.85	2.78	1.88	0.73	1.08	0.69	1.17	1.65	0.68	1.00	6.40	4.39	1.19	0.66	2.18	1.61	0.44
Os01g0858200	AK061128	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.		1.00	1.20	3.12	1.20	0.37	0.20	0.23	0.92	0.42	0.13	1.00	16.55	14.29	2.69	3.02	14.77	5.40	2.06
Os01g0858200	AK100746	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.		1.00	1.22	3.19	1.26	0.37	0.20	0.24	1.00	0.48	0.18	1.00	15.32	12.87	4.00	3.08	15.72	6.98	1.97
Os01g0860400	AK111415	Acidic endochitinase precursor (EC 3.2.1.14).		1.00	1.17	15.10	3.70	1.52	0.82	0.78	3.19	1.55	0.68	1.00	17.80	5.67	1.10	0.95	16.89	3.76	1.03
Os01g0860800	AK103072	Glycoside hydrolase, family 17 protein.		1.00	1.59	2.25	1.08	0.70	0.71	0.57	1.18	0.61	0.37	1.00	3.09	1.13	1.18	0.86	1.88	0.87	0.59
Os01g0878700	AK065286	Amino acid/polyamine transporter II family protein.		1.00	0.93	1.61	3.17	1.89	1.24	0.79	0.86	1.39	1.09	1.00	2.35	2.94	2.16	0.62	1.06	1.77	1.24
Os01g0878700	AK119529	Amino acid/polyamine transporter II family protein.		1.00	0.92	1.60	3.15	1.91	1.24	0.80	0.91	1.39	1.14	1.00	2.41	3.02	2.13	0.61	1.05	1.75	1.23
Os01g0878700	AK121636	Amino acid/polyamine transporter II family protein.		1.00	0.82	1.81	3.11	1.85	1.27	0.74	1.11	1.32	1.31	1.00	2.13	2.47	1.71	0.54	1.09	1.54	1.03
Os01g0879200	AK109033	Conserved hypothetical protein.		1.00	1.65	3.37	3.89	4.13	0.94	0.86	1.59	2.03	1.49	1.00	2.07	1.42	0.94	0.18	0.41	0.45	0.31
Os01g0881100	AK109822	ANTH domain containing protein.		1.00	1.00	2.51	8.18	4.07	1.11	1.11	1.11	13.42	6.63	1.00	5.45	7.38	9.27	1.01	1.91	7.97	3.79
Os01g0882800	AK059325	Amino acid carrier.		1.00	16.55	5.09	1.00	1.00	1.11	1.11	1.11	1.11	1.11	1.00	7.57	1.00	1.00	0.97	1.11	0.97	0.97
Os01g0915000	AK107951	Uncharacterized plant-specific protein DUF506 domain containing protein.		1.00	2.90	3.48	1.37	0.82	0.85	1.44	1.72	0.76	0.65	1.00	2.75	1.56	0.76	0.71	2.00	0.94	0.59
Os01g0916400	AK071710	Selenium binding protein.		1.00	0.93	1.99	2.48	1.36	0.97	0.77	1.26	0.99	0.86	1.00	2.67	2.39	1.13	0.72	1.52	1.96	1.10
Os01g0916400	AY187678	Selenium binding protein.		1.00	0.94	1.91	2.67	1.37	1.10	0.80	1.41	1.29	0.98	1.00	2.79	2.67	1.13	0.70	1.54	2.33	1.15
Os01g0921000	AK071688	Conserved hypothetical protein.		1.00	0.94	3.89	4.52	7.87	1.34	1.34	2.22	6.34	3.69	1.00	6.26	17.22	14.56	0.50	1.55	3.30	2.40
Os01g0923000	AK070795	Conserved hypothetical protein.		1.00	1.45	5.09	4.33	2.39	1.06	1.03	2.33	2.07	1.40	1.00	6.40	3.46	1.87	0.82	3.53	2.50	1.44
Os01g0925100	AK120911	Hypothetical protein.		1.00	3.04	5.56	2.66	1.26	0.60	0.53	1.86	0.92	0.32	1.00	7.87	2.24	1.94	0.71	3.42	1.26	0.35
Os01g0925400	AK067450	No apical meristem (NAM) protein domain containing protein.		1.00	1.66	3.86	1.94	1.02	0.86	0.79	1.46	1.29	0.58	1.00	4.64	2.00	1.01	0.81	2.05	1.11	0.73
Os01g0925400	AK068446	No apical meristem (NAM) protein domain containing protein.		1.00	1.55	3.57	1.88	1.05	0.87	0.83	1.44	1.12	0.57	1.00	4.86	1.83	1.02	0.80	1.91	0.98	0.68
Os01g0928700	CI246005	Aminotransferase, class I and II domain containing protein.		1.00	1.20	38.86	77.31	51.73	1.42	2.06	36.14	40.78	24.72	1.00	27.71	35.36	24.19	0.48	12.74	15.59	11.03
Os01g0930900	CI239264	Tropinone reductase homolog (EC 1.1.1.-) (P29X).		1.00	1.19	1.67	7.59	5.90	1.21	1.00	1.21	1.13	1.71	1.00	1.65	3.57	6.98	1.88	2.54	8.54	4.35
Os01g0937100	AK105806	Xylanase inhibitor precursor.		1.00	1.80	3.16	3.49	2.15	1.25	0.77	1.58	3.24	1.07	1.00	3.31	3.22	2.49	0.71	1.90	2.45	1.70
Os01g0940700	AK060802	Beta-1,3-glucanase (Fragment).		1.00	1.48	3.74	2.39	1.80	1.82	0.70	1.95	2.18	1.29	1.00	3.97	4.38	1.59	0.65	1.45	2.22	1.89
Os01g0940700	AK104862	Beta-1,3-glucanase (Fragment).		1.00	0.48	3.62	1.97	2.11	1.83	1.39	1.56	2.54	1.22	1.00	3.43	4.25	1.32	0.61	1.23	0.86	0.60
Os01g0944100	AK103580	Conserved hypothetical protein.		1.00	1.28	2.45	1.51	1.93	0.82	0.80	1.78	1.44	0.92	1.00	2.22	1.03	1.93	0.73	1.99	0.77	0.71
Os01g0952900	AK069958	Conserved hypothetical protein.		1.00	33.27	35.79	5.94	2.53	0.81	11.85	19.20	3.96	1.88	1.00	26.98	3.86	1.74	0.63	14.96	2.07	1.09
Os01g0952900	AK104991	Conserved hypothetical protein.		1.00	30.99	35.72	6.16	2.52	0.81	11.61	21.63	3.67	1.83	1.00	30.87	4.07	1.81	0.62	16.30	1.92	1.09
Os01g0955000	AK101291	Phosphoesterase family protein.		1.00	0.97	2.23	2.25	1.10	0.53	0.46	0.59	0.67	0.39	1.00	2.54	2.39	0.92	0.79	1.63	1.27	0.80
Os01g0955000	AK119633	Phosphoesterase family protein.		1.00	0.96	2.07	2.20	1.06	0.56	0.47	0.62	0.71	0.42	1.00	2.27	2.40	0.93	0.82	1.63	1.33	0.80
Os01g0960200	Os01g0960200	Protein of unknown function DUF630 domain containing protein.		1.00	2.68	3.15	2.61	2.11	1.01	1.17	2.24	2.28	1.21	1.00	4.64	4.03	3.29	0.61	1.76	2.08	1.60
Os01g0963000	AK104277	Peroxidase BP 1 precursor.		1.00	1.21	74.53	40.50	17.98	5.75	1.89	58.18	23.63	3.63	1.00	77.29	60.77	22.23	1.63	79.99	36.87	5.03
Os01g0974400	AK106014	Zn-finger, RING domain containing protein.		1.00	1.74	8.78	3.70	2.56	0.92	0.71	5.37	2.54	1.33	1.00	9.61	3.88	2.90	0.54	4.44	1.86	1.53
Os01g0975000	AK103552	Protein of unknown function DUF966 family protein.		1.00	8.55	3.65	1.36	0.92	0.63	3.03	1.65	1.06	0.61	1.00	4.14	1.36	0.95	0.55	1.85	0.94	0.76
Os01g0975000	AK119662	Protein of unknown function DUF966 family protein.		1.00	8.16	3.78	1.47	0.93	0.63	2.67	1.70	1.07	0.63	1.00	3.98	1.30	0.90	0.53	1.83	0.85	0.70
Os02g0105400	AK103257	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).		1.00	1.30	4.20	9.35	5.41	1.24	1.00	2.13	5.27	2.15	1.00	3.33	7.43	4.76	0.27	1.15	1.55	1.15
Os02g0105400	AK105416	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).		1.00	1.31	4.78	10.78	6.32	1.20	1.01	2.19	5.30	2.23	1.00	3.95	9.05	5.13	0.27	1.16	1.69	1.32
Os02g0105400	D13817	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).		1.00	1.32	4.33	9.88	5.98	1.21	0.98	2.22	5.09	2.21	1.00	3.52	8.14	5.12	0.27	1.14	1.63	1.31
Os02g0109200	AK108815	Hypothetical protein.		1.00	2.82	1.67	1.20	0.85	0.70	0.88	0.94	0.85	0.39	1.00	3.38	2.72	1.98	0.95	1.97	1.64	1.26
Os02g0115900	AF006825	Endosperm lumenal binding protein.		1.00	1.01	3.49	3.63	0.81	0.92	0.42	0.85	2.26	0.65	1.00	4.36	3.05	0.67	0.64	2.04	2.01	0.72
Os02g0115900	AK065743	Endosperm lumenal binding protein.		1.00	1.03	3.61	3.70	0.83	0.90	0.41	0.83	2.27	0.63	1.00	4.54	3.21	0.69	0.65	2.16	2.10	0.73
Os02g0115900	AK066006	Endosperm lumenal binding protein.		1.00	0.99	3.21	3.39	0.82	0.92	0.44	0.87	2.35	0.64	1.00	3.75	2.84	0.65	0.65	2.16	1.93	0.71
Os02g0115900	AK119653	Endosperm lumenal binding protein.		1.00	0.99	3.39	3.62	0.81	0.91	0.40	0.81	2.31	0.63	1.00	4.37	3.14	0.69	0.65	2.17	2.03	0.75
Os02g0119600	AK107964	Conserved hypothetical protein.		1.00	2.41	6.04	2.24	1.27	0.71	0.76	2.68	1.46	0.61	1.00	11.05	3.59	2.37	0.78	4.02	1.98	1.33
Os02g0134200	AK108331	Conserved hypothetical protein.		1.00	11.23	4.40	2.46	2.76	0.94	4.65	2.75	1.66	1.61	1.00	3.14	1.52	1.47	0.61	1.69	1.02	0.95
Os02g0134400	AK072394	L-aspartate oxidase family protein.		1.00	0.83	3.35	3.32	2.42	1.02	0.70	3.16	2.39	1.14	1.00	4.37	4.56	2.47	0.89	3.98	2.29	2.06
Os02g0135500	AF264730	Protein of unknown function DUF563 family protein.		1.00	1.96	2.98	1.57	0.95	1.10	0.65	1.82	1.31	0.80	1.00	5.94	3.67	2.49	0.88	2.95	2.63	3.66
Os02g0135500	AK065605	Protein of unknown function DUF563 family protein.		1.00	1.96	2.96	1.70	1.25	0.89	0.61	1.76	1.21	0.75	1.00	7.26	4.31	3.06	0.85	4.65	3.63	1.25
Os02g0151300	AK120536	Endo-1,4-beta-glucanase (EC 3.2.1.4) (Fragment).		1.00	1.47	3.36	1.39	1.07	0.62	0.43	1.02	0.60	0.24	1.00	17.85	9.23	1.81	2.57	15.14	5.48	3.80
Os02g0153900	AK111546	Protein kinase domain containing protein.		1.00	4.78	6.65	4.26	3.71	1.15	1.95	3.73	3.13	1.65	1.00	9.83	5.04	3.65	0.39	2.94	1.97	2.03
Os02g0167600	CI476318	(No Hit)		1.00	1.84	11.37	4.17	3.04	0.75	1.08	4.30	2.31	4.02	1.00	22.90	10.56	1.38	0.90	4.26	1.26	1.41
Os02g0168100	AF251065	4-hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27) (4HPPD) (HPD) (HPPDase).		1.00	1.04	2.93	2.59	2.04	0.90	0.55	1.31	1.43	0.81	1.00	4.87	2.43	1.94	0.71	3.03	1.69	1.16
Os02g0168100	AK058890	4-hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27) (4HPPD) (HPD) (HPPDase).		1.00	1.12	3.41	2.84	2.19	0.95	0.51	1.31	1.56	0.86	1.00	5.53	2.79	2.17	0.69	3.09	1.77	1.25
Os02g0168200	AK108211	Transfactor-like protein.		1.00	2.19	74.50	70.43	41.36	1.54	2.65	45.41	36.07	19.09	1.00	64.49	40.99	21.71	0.40	9.99	18.24	10.25
Os02g0176000	CI436385	Conserved hypothetical protein.		1.00	2.09	1.71	0.78	0.74	0.83	0.93	1.13	0.69	0.76	1.00	2.03	1.28	0.79	1.09	1.19	0.68	0.92
Os02g0177600	AK070083	4-coumarate--CoA ligase 1 (EC 6.2.1.12) (4CL 1) (4-coumaroyl-CoA synthase 1).		1.00	0.84	3.12	1.49	0.83	1.00	0.60	1.69	1.07	0.34	1.00	11.80	8.49	1.71	1.50	8.70	3.94	1.13
Os02g0180700	AK070746	Cinnamoyl-CoA reductase (EC 1.2.1.44).	*OsCCR21*	1.00	3.54	9.40	2.05	1.41	0.74	1.58	6.02	1.30	1.01	1.00	10.57	1.54	1.04	0.58	4.20	0.87	0.74
Os02g0181300	AY676927	WRKY transcription factor 71 (Transcription factor WRKY09).	*OsWRKY71*	1.00	4.69	2.92	1.80	1.30	0.84	1.88	1.92	1.39	1.20	1.00	2.43	2.00	1.39	0.85	1.50	1.46	1.16
Os02g0184400	AK063433	Sucrose-phosphate synthase 9 (EC 2.4.1.14).		1.00	1.57	1.16	4.03	2.66	0.88	0.96	0.81	2.79	0.71	1.00	1.35	2.06	2.28	0.78	1.03	1.93	1.46

Os02g0186900	CI553928	Cytochrome P450 family protein.		1.00	1.09	2.70	2.53	2.04	0.94	0.99	1.34	2.17	1.41	1.00	6.73	11.79	12.50	2.65	7.20	8.84	6.52
Os02g0193000	CI426747	Peptidoglycan-binding LysM domain containing protein.		1.00	2.03	2.26	2.11	1.31	1.24	0.96	1.53	2.33	0.95	1.00	3.42	4.14	2.81	0.58	1.43	2.06	1.41
Os02g0194400	AK110011	Protein kinase domain containing protein.		1.00	2.22	1.85	1.04	0.73	1.08	0.85	1.55	1.30	0.60	1.00	2.37	1.66	1.32	1.04	1.40	1.64	1.41
Os02g0198700	AK120287	Subtilisin-like protease.		1.00	0.54	2.83	8.46	5.96	2.68	0.92	2.08	8.92	2.70	1.00	9.11	25.43	13.23	1.46	5.79	19.55	15.13
Os02g0202700	Os02g0202700	Serine acetyltransferase.		1.00	0.97	4.72	2.46	0.59	2.52	1.05	1.59	2.62	0.94	1.00	2.24	1.20	0.55	0.61	1.35	1.31	0.62
Os02g0205500	AK067907	Naringenin-chalcone synthase family protein.		1.00	17.13	17.71	5.48	3.80	1.39	6.25	10.39	5.92	2.90	1.00	26.64	7.82	5.62	0.43	7.75	2.98	1.94
Os02g0206200	CI447417	(No Hit)		1.00	5.89	9.07	1.97	1.37	1.30	2.28	6.74	2.07	1.67	1.00	7.02	1.84	1.50	0.72	4.58	1.25	1.28
Os02g0207800	AK111370	Conserved hypothetical protein.		1.00	1.00	2.32	2.05	1.06	0.73	0.87	1.32	0.96	0.69	1.00	2.38	1.45	1.10	0.73	1.13	1.04	0.79
Os02g0208300	CI444593	PDR5-like ABC transporter.		1.00	1.77	7.60	8.09	7.08	1.39	1.07	5.90	8.17	3.03	1.00	22.67	24.28	19.10	0.70	10.48	10.40	7.25
Os02g0218700	AK107161	Allene oxide synthase (EC 4.2.1.92).	*OsAOS3*	1.00	0.90	7.43	17.66	4.81	0.61	0.61	0.61	4.81	2.67	1.00	26.98	28.77	15.30	0.43	2.54	12.63	1.41
Os02g0224800	AK066213	Ndr family protein.		1.00	1.33	3.55	2.75	2.50	1.15	0.62	2.74	1.78	2.09	1.00	5.40	2.59	3.20	0.98	3.80	1.86	1.70
Os02g0251900	AK109286	VQ domain containing protein.		1.00	15.93	14.03	1.00	1.00	0.87	4.81	4.33	3.45	1.27	1.00	14.23	1.30	1.00	0.76	4.84	1.44	1.09
Os02g0265200	AK119593	WRKY transcription factor 39.		1.00	2.34	1.28	0.89	1.03	0.92	1.14	0.89	0.85	0.66	1.00	2.64	1.37	1.23	1.16	1.65	0.76	0.69
Os02g0269600	Os02g0269600	Subtilase.		1.00	1.12	1.88	2.35	5.04	0.40	0.90	0.62	1.76	2.35	1.00	2.60	4.06	3.12	0.04	0.16	0.35	0.31
Os02g0275200	AK060517	Xyloglucan fucosyltransferase family protein.		1.00	1.81	7.10	8.22	6.11	1.76	1.38	5.61	6.12	3.03	1.00	10.43	11.09	9.19	0.60	4.87	4.98	4.59
Os02g0281900	Os02g0281900	Disease resistance protein family protein.		1.00	2.08	2.48	2.24	1.49	0.98	0.84	2.11	2.68	1.42	1.00	2.41	2.33	1.58	0.39	0.63	0.92	0.99
Os02g0313700	AK072366	C2 domain containing protein.		1.00	0.95	3.51	1.96	1.21	1.17	0.34	2.02	1.42	0.99	1.00	11.29	5.12	1.91	0.76	7.34	2.27	1.34
Os02g0314600	AK068924	Peptidase A1, pepsin family protein.		1.00	5.24	5.01	3.79	2.80	0.86	1.45	2.30	2.37	1.27	1.00	8.23	7.59	4.22	0.64	2.74	2.54	1.94
Os02g0327500	AK069802	Arabidopsis protein of unknown function DUF266 family protein.		1.00	9.09	16.67	5.28	3.61	1.11	3.17	12.23	4.16	2.03	1.00	11.59	4.60	2.71	0.64	4.24	1.89	1.27
Os02g0329800	AK070014	Protein of unknown function DUF563 family protein.		1.00	1.29	2.08	1.29	0.97	0.81	0.53	1.04	1.10	0.52	1.00	3.98	3.47	2.59	0.91	2.01	1.82	1.39
Os02g0463500	AK107401	Serine carboxypeptidase I precursor (EC 3.4.16.5) (Carboxypeptidase C).		1.00	1.38	1.62	6.87	4.50	0.54	1.06	1.41	2.33	1.89	1.00	1.79	2.28	2.42	0.48	1.02	1.75	0.88
Os02g0466400	AK071209	Inositol phosphate kinase.		1.00	1.01	5.59	1.54	0.78	0.91	0.44	1.90	0.67	0.26	1.00	9.55	4.68	1.51	1.03	8.87	2.32	1.25
Os02g0467600	AK072588	Cinnamate 4-hydroxylase CYP73.		1.00	1.95	14.67	3.06	1.07	0.81	0.80	8.08	2.21	0.66	1.00	19.27	6.97	2.11	1.06	11.60	2.79	1.07
Os02g0475300	AK072737	Membrane attack complex component/perforin/complement C9 family protein.		1.00	3.90	2.37	2.39	1.89	0.97	2.27	3.33	2.70	0.85	1.00	3.44	1.47	2.29	0.90	2.05	1.28	1.04
Os02g0475300	AK105639	Membrane attack complex component/perforin/complement C9 family protein.		1.00	2.96	4.13	2.80	2.04	0.97	1.43	3.10	2.34	1.19	1.00	5.18	2.88	2.03	0.79	2.74	2.01	1.31
Os02g0491600	Os02g0491600	Germin family protein.		1.00	14.34	9.04	1.00	1.00	1.11	7.04	7.58	1.64	1.16	1.00	17.65	1.37	0.68	0.99	8.41	0.99	0.99
Os02g0504700	CI424131	(No Hit)		1.00	5.25	3.40	1.00	1.00	1.14	1.45	1.14	1.98	0.39	1.00	2.98	2.72	0.64	1.52	3.26	1.52	0.59
Os02g0505400	AK120466	Exo70 exocyst complex subunit family protein.		1.00	0.92	1.57	2.43	1.81	0.75	0.40	0.54	1.19	0.57	1.00	2.34	3.19	2.28	0.70	1.39	1.62	0.89
Os02g0518600	AK106353	Potassium transporter 5 (AtPOT5) (AtHAK1) (AtHAK5).		1.00	1.05	0.95	2.20	1.40	0.49	0.60	0.50	0.76	0.37	1.00	1.49	4.12	4.46	0.48	0.74	1.38	1.00
Os02g0526400	AY166599	ERD1 protein, chloroplast precursor.		1.00	1.00	6.29	3.44	3.06	1.04	1.04	4.57	1.70	2.98	1.00	14.46	3.92	1.73	0.60	5.39	1.65	0.68
Os02g0532900	AK072635	Glycoside hydrolase, family 17 protein.		1.00	13.96	39.92	7.06	3.10	1.46	3.44	18.86	6.24	2.21	1.00	29.87	22.36	7.96	0.68	19.74	9.59	7.20
Os02g0532900	AK073663	Glycoside hydrolase, family 17 protein.		1.00	15.95	48.32	7.37	3.67	1.31	3.58	15.91	5.10	1.98	1.00	28.87	15.94	8.04	0.75	23.84	3.46	2.99
Os02g0539200	AK108494	U box domain containing protein.		1.00	38.85	3.72	1.00	1.00	1.10	3.60	1.10	1.10	1.10	1.00	21.30	1.00	1.00	0.99	3.27	0.99	0.99
Os02g0539500	CI557591	(No Hit)		1.00	2.83	2.66	1.50	0.99	0.89	1.00	1.57	1.52	0.56	1.00	4.01	2.27	1.68	0.70	1.70	1.26	1.05
Os02g0551700	AK106428	Protein of unknown function DUF668 family protein.		1.00	1.53	3.60	2.70	2.02	1.12	0.97	2.59	2.58	0.88	1.00	4.53	3.03	2.61	0.79	2.77	1.89	1.36
Os02g0559800	AB045120	Zn-finger, RING domain containing protein.		1.00	118.59	108.79	12.94	3.62	0.99	21.92	45.59	5.15	1.90	1.00	40.65	2.90	1.01	0.45	38.67	2.54	0.90
Os02g0560200	CI262881	(No Hit)		1.00	47.30	46.93	8.51	2.93	1.04	22.39	36.47	5.20	2.55	1.00	16.49	1.92	0.63	0.47	12.42	1.66	0.67
Os02g0560200	CI563011	(No Hit)		1.00	107.28	109.42	12.26	3.60	1.01	19.31	42.71	4.84	1.87	1.00	35.21	2.57	0.87	0.46	36.85	2.38	0.80
Os02g0560600	CI262881	(No Hit)		1.00	46.38	47.27	8.08	2.95	1.05	21.11	27.58	4.87	2.61	1.00	16.47	1.96	0.63	0.47	13.64	1.67	0.69
Os02g0560600	CI563011	(No Hit)		1.00	110.82	119.27	12.16	3.54	1.01	19.23	43.36	4.79	1.88	1.00	40.92	2.67	0.89	0.46	36.62	2.48	0.86
Os02g0561000	CI563011	(No Hit)		1.00	101.90	112.32	12.24	3.56	1.01	18.06	42.27	4.69	1.89	1.00	35.92	2.67	0.89	0.47	35.76	2.43	0.84
Os02g0561400	CI262881	(No Hit)		1.00	47.41	44.74	8.38	2.92	1.08	21.27	32.63	5.21	2.62	1.00	15.75	1.90	0.61	0.47	11.49	1.58	0.65
Os02g0561400	CI563011	(No Hit)		1.00	107.61	117.62	12.27	3.50	0.99	19.31	45.62	4.72	1.83	1.00	36.12	2.68	0.87	0.45	35.04	2.36	0.81
Os02g0561800	CI563011	(No Hit)		1.00	112.01	116.77	12.54	3.74	1.03	20.41	45.39	4.95	1.88	1.00	36.76	2.63	0.89	0.46	34.14	2.54	0.86
Os02g0561900	CI262881	(No Hit)		1.00	46.82	45.06	8.24	3.07	1.03	21.72	33.09	5.07	2.49	1.00	16.52	1.90	0.61	0.47	12.62	1.56	0.67
Os02g0569000	AK059010	Cytochrome P450 family protein.		1.00	0.91	2.65	13.59	13.62	0.97	0.79	2.05	5.04	4.70	1.00	2.73	15.57	10.36	0.41	0.96	11.88	9.02
Os02g0570400	AB089272	Terpene synthase, metal-binding domain containing protein.	*OsKSL7(OsDTC1)*	1.00	0.94	4.10	61.58	81.29	1.05	1.80	4.88	37.63	36.65	1.00	4.24	66.04	72.61	0.64	4.04	44.99	55.54
Os02g0570400	AK068310	Terpene synthase, metal-binding domain containing protein.	*OsKSL7(OsDTC1)*	1.00	0.97	4.17	50.57	63.77	0.96	1.30	3.06	29.22	26.10	1.00	2.79	60.75	47.26	0.81	3.13	39.12	44.65
Os02g0570700	AK070167	Cytochrome P450 family protein.		1.00	1.00	1.59	47.40	134.98	1.04	1.04	1.04	82.96	22.96	1.00	1.44	68.28	121.99	0.99	0.99	44.83	99.93
Os02g0571100	AK072928	Terpene synthase, metal-binding domain containing protein.	*OsCPS2(OsCyc2)*	1.00	0.90	1.91	27.42	53.50	0.87	0.61	1.86	13.34	23.18	1.00	1.49	20.30	44.98	0.51	1.03	31.66	45.49
Os02g0571900	AK101003	Cytochrome P450 family protein.		1.00	0.50	4.84	19.10	22.85	0.31	0.45	1.31	4.29	8.40	1.00	3.03	13.48	10.01	0.48	2.93	11.03	16.45
Os02g0572000	AK105571	Conserved hypothetical protein.		1.00	1.05	0.85	2.52	3.27	0.72	0.72	0.72	2.29	1.52	1.00	1.42	2.63	2.57	0.82	1.15	2.25	1.54
Os02g0575700	AK105763	Conserved hypothetical protein.		1.00	0.64	2.66	1.37	0.62	0.66	0.30	0.87	0.77	0.31	1.00	3.61	2.49	1.15	0.38	1.19	0.60	0.34
Os02g0595100	AK065136	Glycosyl transferase, family 17 protein.		1.00	2.19	2.69	1.52	1.33	0.81	0.95	1.42	0.89	0.93	1.00	3.62	1.41	2.72	0.77	3.32	1.26	1.66
Os02g0603800	AK105762	Isoprenoid biosynthesis-like protein (Fragment).	*OsHDS*	1.00	1.18	2.33	14.22	12.49	1.33	1.19	2.15	10.01	5.23	1.00	3.93	18.21	12.12	0.61	3.76	10.37	6.68
Os02g0603800	AK120769	Isoprenoid biosynthesis-like protein (Fragment).	*OsHDS*	1.00	0.88	1.94	12.46	10.03	1.30	0.79	1.61	7.46	3.76	1.00	3.53	21.52	13.47	0.64	3.03	11.46	6.66
Os02g0603800	AY224457	Isoprenoid biosynthesis-like protein (Fragment).	*OsHDS*	1.00	0.87	1.86	9.24	7.84	1.38	0.76	1.61	5.74	3.90	1.00	3.17	14.86	9.69	0.55	2.46	8.24	5.13
Os02g0611800	AK060705	Hydroxycinnamoyl transferase.		1.00	1.61	7.26	2.41	1.69	1.19	0.93	3.25	2.07	0.99	1.00	9.49	2.90	2.04	0.81	5.51	2.34	1.44
Os02g0611800	AK104319	Hydroxycinnamoyl transferase.		1.00	1.79	7.27	2.29	1.59	1.12	0.92	3.21	1.82	0.89	1.00	8.27	2.61	1.90	0.78	4.98	2.03	1.18
Os02g0619600	AK072178	von Willebrand factor, type A domain containing protein.		1.00	1.54	6.10	3.11	2.11	0.95	0.31	3.81	2.57	1.23	1.00	5.71	3.60	2.60	0.66	3.61	1.95	1.42
Os02g0621600	AK108575	Conserved hypothetical protein.		1.00	2.85	3.02	3.04	1.94	0.93	1.27	2.54	1.99	0.50	1.00	4.88	2.67	1.67	0.69	1.56	2.80	0.77
Os02g0624400	AK120845	Glycosyl transferase, family 8 protein.		1.00	1.49	7.67	2.25	1.73	0.78	0.60	3.19	1.71	1.72	1.00	9.14	3.86	4.00	0.63	4.33	1.56	1.62
Os02g0626100	AK058306	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1.00	1.01	2.52	3.24	1.18	1.15	0.40	0.72	2.02	0.36	1.00	6.75	24.28	11.99	1.11	3.12	8.80	3.08
Os02g0626100	AK060724	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1.00	0.97	2.36	2.97	1.19	1.12	0.39	0.73	1.89	0.35	1.00	6.47	23.78	11.96	1.10	3.27	8.34	3.00
Os02g0626100	AK067923	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1.00	1.03	2.37	3.10	1.23	1.12	0.38	0.67	1.93	0.35	1.00	6.40	24.43	12.29	1.11	3.28	8.24	3.08
Os02g0626100	AK102817	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1.00	0.97	2.51	3.13	1.18	1.11	0.39	0.69	1.96	0.35	1.00	6.82	24.38	11.88	1.11	3.10	9.28	3.04
Os02g0626200	AK121303	Non-protein coding transcript, unclassifiable transcript.		1.00	2.62	10.83	3.56	1.63	0.90	1.18	7.91	3.37	0.60	1.00	15.85	3.19	2.68	1.28	15.51	1.84	0.89
Os02g0626400	AK061959	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1.00	1.23	4.45	1.95	1.18	1.16	0.73	2.22	1.57	0.79	1.00	6.38	4.56	2.30	1.00	4.78	2.71	1.37
Os02g0626400	AK065208	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1.00	1.41	5.22	1.88	1.23	1.16	0.61	1.79	1.67	0.56	1.00	9.08	6.77	4.03	1.05	5.92	3.63	1.90
Os02g0626400	AK120127	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1.00	1.39	5.25	1.96	1.21	1.18	0.62	1.93	1.74	0.58	1.00	10.07	7.46	4.05	1.06	6.21	3.67	1.87
Os02g0626600	CI198223	Phenylalanine ammonia-lyase.		1.00	22.13	83.82	7.83	1.45	1.89	5.00	37.17	7.50	0.75	1.00	225.56	38.34	4.20	1.00	100.66	8.74	1.68
Os02g0627100	AK068993	Phenylalanine ammonia-lyase (EC 4.3.1.5).	*PAL*	1.00	3.25	25.36	4.54	1.47	1.07	1.27	8.63	3.22	0.81	1.00	71.77	40.44	5.62	0.84	41.29	9.83	2.02
Os02g0639300	AK101596	CBS domain containing protein.		1.00	2.12	5.92	1.91	1.24	0.75	0.56	2.27	0.74	0.59	1.00	5.52	4.37	1.10	0.74	3.73	1.29	1.22
Os02g0643800	CI556117	Auxin responsive SAUR protein family protein.		1.00	14.30	26.22	4.79	4.43	0.80	6.24	21.97	4.10	3.42	1.00	10.45	3.36	1.46	0.55	9.31	1.85	1.14
Os02g0648100	AK111267	Protein kinase domain containing protein.		1.00	4.39	3.57	1.66	1.17	0.65	1.48	1.11	0.87	0.56	1.00	5.18	2.18	1.09	0.68	1.91	0.94	0.72
Os02g0648100	AY224423	Protein kinase domain containing protein.		1.00	4.39	3.02	1.74	1.02	0.70	1.35	1.16	1.06	0.59	1.00	5.01	2.09	1.05	0.65	1.53	1.03	0.81
Os02g0653900	AK064950	Lipase, class 3 family protein.		1.00	6.79	3.65	1.44	0.71	0.54	1.65	1.46	0.82	0.34	1.00	7.16	3.05	1.58	0.65	2.37	1.00	0.60
Os02g0653900	AK098925	Lipase, class 3 family protein.		1.00	6.94	3.70	1.41	0.70	0.56	1.67	1.47	0.86	0.35	1.00	7.09	2.97	1.58	0.68	2.52	1.08	0.63
Os02g0653900	AK104793	Lipase, class 3 family protein.		1.00	6.67	3.63	1.42	0.68	0.55	1.63	1.44	0.81	0.34	1.00	6.88	2.95	1.58	0.66	2.44	1.06	0.62
Os02g0653900	AK106154	Lipase, class 3 family protein.		1.00	7.03	3.66	1.38	0.68	0.56	1.63	1.44	0.83	0.34	1.00	6.83	2.95	1.58	0.67	2.53	1.05	0.60
Os02g0654600	CI234504	Protein of unknown function DUF630 domain containing protein.		1.00	3.67	4.04	2.21	1.72	1.12	1.45	2.54	2.28	1.40	1.00	10.90	2.16	1.79	0.85	5.20	3.64	2.48
Os02g0655200	AY339378	Ethylene responsive element binding factor3 (OsERF3).		1.00	1.69	3.52	3.87	3.50	1.30	1.09	2.23	2.76	1.74	1.00	7.02	7.61	3.78	0.47	1.80	2.01	1.25
Os02g0669500	AK111117	Conserved hypothetical protein.		1.00	13.73	3.16	1.70	1.67	0.96	6.31	2.72	2.07	1.51	1.00	2.25	1.60	0.95	0.65	1.30	0.93	0.86
Os02g0676400	CI279040	Multi antimicrobial extrusion protein MatE family protein.		1.00	1.78	10.66	4.55	1.71	1.11	1.11	3.05	15.24	1.44	1.00	9.68	4.26	4.29	1.00	2.65	2.39	1.12
Os02g0677600	AK068106	Conserved hypothetical protein.		1.00	9.01	1.21	0.68	1.00	1.34	2.95	2.97	0.44	0.72	1.00	2.51	1.03	0.34	0.71	1.10	0.58	0.72
Os02g0681700	AK106773	Protein kinase domain containing protein.		1.00	2.75	2.94	2.10	1.40	1.03	1.37	2.06	1.81	1.03	1.00	4.19	2.48	1.80	0.74	2.33	2.09	1.34
Os02g0696500	AK101915	Glycoside hydrolase, family 16 domain containing protein.	*OsXTH23(OsXTR3)*	1.00	2.25	1.28	1.27	1.27	0.82	1.12	1.06	1.10	0.92	1.00	2.28	1.94	1.84	0.92	1.07	1.15	1.00
Os02g0699000	AK109931	TGF-beta receptor, type I/II extracellular region family protein.		1.00	3.41	3.52	1.92	1.41	0.86	1.02	1.10	1.46	0.33	1.00	7.72	4.96	2.33	1.53	6.04	1.15	1.53
Os02g0702100	AK108297	Conserved hypothetical protein.		1.00	8.93	6.51	3.06	4.49	0.97	4.54	2.89	1.91	3.66	1.00	4.03	0.50	0.57	0.63	1.69	0.34	0.36
Os02g0703300	AK060227	Protein of unknown function DUF1218 family protein.		1.00	5.49	24.03	9.03	3.53	0.62	1.74	13.94	2.85	1.49	1.00	11.93	3.35	2.08	0.46	5.09	1.69	0.81
Os02g0703300	AK071752	Protein of unknown function DUF1218 family protein.		1.00	4.19	18.93	7.03	3.58	0.79	2.21	12.51	3.75	1.59	1.00	13.33	3.21	2.18	0.45	5.00	1.25	0.77
Os02g0703300	AK105992	Protein of unknown function DUF1218 family protein.		1.00	4.84	17.05	6.32	3.39	0.77	2.17	10.78	3.35	1.71	1.00	11.59	2.93	2.15	0.50	4.47	1.32	0.93
Os02g0703800	AK120025	Conserved hypothetical protein.		1.00	5.96	3.03	1.00	1.00	1.07	1.79	1.43	3.07	1.74	1.00	5.12	1.84	1.74	0.82	1.56	0.82	0.82
Os02g0705400	AK072661	Pathogen induced protein 2-4.		1.00	3.63	6.91	2.76	2.86	0.95	0.95	1.53	3.43	3.22	1.00	6.37	2.43	2.73	1.22	1.22	1.23	1.41
Os02g0707500	AK107442	Conserved hypothetical protein.		1.00	1.62	2.05	2.05	1.18	0.88	0.60	2.27	2.65	0.52	1.00	2.57	0.87	2.07	1.72	3.44	1.80	1.14
Os02g0707900	AK064638	Universal stress protein (Usp) family protein.		1.00	1.21	2.20	3.04	2.08	1.04	1.04	2.53	2.84	0.93	1.00	1.91	0.74	2.15	1.53	2.30	1.49	0.95
Os02g0711400	AK105197	Conserved hypothetical protein.		1.00	0.84	4.12	2.65	1.55	0.56	0.58	1.80	1.20	0.79	1.00	9.47	3.29	1.79	0.52	4.43	1.58	1.08
Os02g0712500	AK100094	Conserved hypothetical protein.		1.00	1.97	2.58	0.73	0.69	0.93	0.94	1.66	0.77	0.55	1.00	3.47	1.12	0.86	0.63	1.57	0.68	0.67
Os02g0712700	AY663848	Legume lectin, beta domain containing protein.		1.00	3.45	4.97	2.46	1.47	1.10	1.61	2.63	2.43	1.00	1.00	7.00	3.69	2.58	1.00	3.71	0.68	1.62
Os02g0719600	AK070415	SAM dependent carboxyl methyltransferase family protein.		1.00	24.61	51.21	1.00	1.53	6.19	1.85	4.97	0.55	0.74	1.00	17.36	0.85	0.60	0.27	6.56	0.63	0.57
Os02g0729700	AF264731	Leucine zipper, homeobox-associated domain containing protein.		1.00	1.21	2.65	1.99	1.31	0.50	0.46	0.96	0.76	0.58	1.00	4.74	2.99	1.92	1.34	3.12	2.07	1.46
Os02g0729700	AK119592	Leucine zipper, homeobox-associated domain containing protein.		1.00	1.04	2.19	1.75	1.05	0.45	0.32	0.70	0.55	0.39	1.00	4.93	3.30	1.90	1.41	3.22	1.98	1.44
Os02g0729700	AY554029	Leucine zipper, homeobox-associated domain containing protein.		1.00	1.03	2.18	1.68	1.08	0.43	0.32	0.68	0.55	0.39	1.00	4.83	3.48	1.98	1.48	3.39	2.18	1.55
Os02g0729700	AY559045	Leucine zipper, homeobox-associated domain containing protein.		1.00	1.10	2.39	1.74	1.22	0.46	0.37	0.71	0.58	0.44	1.00	4.77	3.32	1.84	1.54	3.26	2.06	1.70
Os02g0738300	AK108113	Conserved hypothetical protein.		1.00	2.14	4.44	3.28	2.26	0.85	0.37	2.33	3.29	1.88	1.00	4.80	3.10	2.03	0.48	1.66	1.67	1.21
Os02g0739100	AK072070	Actin-binding FH2 domain containing protein.		1.00	5.50	2.11	1.26	1.12	0.85	1.52	1.25	1.11	0.60	1.00	4.52	2.53	1.94	0.83	1.21	1.73	1.38
Os02g0739400	AK070652	Avr9/Cf-9 rapidly elicited protein 231 precursor.		1.00	4.32	2.88	1.44	1.80	0.80	1.46	1.58	1.24	1.08	1.00	4.94	2.22	2.24	0.98	2.53	1.47	1.47
Os02g0748800	CI277163	Glutaredoxin domain containing protein.		1.00	2.86	4.68	2.21	1.53	0.73	1.04	1.42	1.48	1.05	1.00	8.38	4.07	2.34	1.07	3.88	3.34	2.28
Os02g0758000	AK064389	Low molecular weight heat shock protein precursor.		1.00	1.38	1.18	1.49	2.13	0.87	0.81	0.49	1.00	1.04	1.00	2.07	4.54	4.31	1.12	4.99	1.74	1.81
Os02g0761300	CI142785	(No Hit)		1.00	0.97	2.04	1.03	1.11	0.54	0.31	0.64	0.69	0.30	1.00	19.92	2.04	1.90	1.01	4.32	2.24	1.10
Os02g0771600	AF049889	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1).	*OsACO2*	1.00	0.65	1.36	2.31	0.89	0.39	0.29	0.36	0.57	0.33	1.00	2.10	2.19	0.94	0.28	0.57	1.14	0.40
Os02g0771600	AK066805	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1).	*OsACO2*	1.00	0.65	1.43	2.45	0.93	0.40	0.32	0.44	0.62	0.32	1.00	2.17	2.48	1.05	0.27	0.56	1.08	0.36
Os02g0771600	AK071557	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1).	*OsACO2*	1.00	0.65	1.59	2.25	1.11	0.55	0.36	0.53	0.66	0.29	1.00	3.66	2.01	1.57	0.50	0.80	1.27	0.71
Os02g0771600	AK103969	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1).	*OsACO2*	1.00	0.67	1.42	2.28	0.88	0.41	0.29	0.41	0.62	0.31	1.00	1.95	2.38	1.00	0.27	0.60	1.05	0.44
Os02g0777800	AK066978	Protein kinase domain containing protein.		1.00	11.77	6.15	3.57	3.89	1.02	5.22	3.78	3.10	1.84	1.00	13.43	5.40	5.47	0.94	6.21	3.25	2.40
Os02g0790500	AK065160	Glycosyl transferase, family 20 domain containing protein.		1.00	1.81	2.44	2.26	1.80	0.93	0.83	1.58	2.57	0.90	1.00	3.84	2.46	2.45	1.00	3.34	2.16	1.50
Os02g0790500	AK066691	Glycosyl transferase, family 20 domain containing protein.		1.00	1.85	2.51	2.30	1.88	0.93	0.87	1.67	2.58	0.89	1.00	3.92	2.54	2.65	1.01	3.52	2.28	1.55
Os02g0791500	AK069596	Nucleotide sugar epimerase-like protein (UDP-D-glucuronate 4- epimerase) (EC 5.1.3.6).		1.00	4.05	1.76	1.02	0.92	0.92	1.50	1.30	1.26	0.78	1.00	2.79	2.28	2.10	1.21	1.37	1.74	1.87
Os02g0791500	AK071654	Nucleotide sugar epimerase-like protein (UDP-D-glucuronate 4- epimerase) (EC 5.1.3.6).		1.00	2.56	1.52	0.83	0.82	0.92	1.25	1.21	0.96	0.66	1.00	2.02	1.49	1.32	1.01	1.14	1.00	1.03
Os02g0792800	AK105616	Rieske iron-sulfur protein Tic55 precursor.		1.00	0.95	1.70	1.70	3.36	0.77	0.61	0.66	1.45	1.88	1.00	9.92	16.48	5.86	1.05	2.26	7.60	8.91
Os02g0792800	AK120704	Rieske iron-sulfur protein Tic55 precursor.		1.00	1.19	1.99	1.49	2.77	0.70	0.56	0.40	1.47	1.55	1.00	3.94	9.37	6.13	1.40	1.40	5.19	2.98
Os02g0798100	Os02g0798100	N-acetylglucosaminyltransferase II family protein.		1.00	1.21	2.01	1.31	1.00	0.85	0.50	1.34	1.20	0.76	1.00	3.01	2.27	1.59	0.90	1.81	1.62	1.33
Os02g0799000	AK099720	DNA-binding protein phosphatase 2C.		1.00	2.62	4.58	2.58	1.82	0.74	0.93	2.38	1.64	0.89	1.00	9.18	4.07	2.14	0.74	4.96	2.33	1.24
Os02g0806600	AK121225	Chitinase (Fragment).		1.00	1.23	2.09	1.86	1.41	1.10	2.74	1.03	1.23	0.78	1.00	2.95	2.30	2.60	1.03	1.87	1.41	1.07
Os02g0807300	AK071841	Conserved hypothetical protein.		1.00	0.96	1.62	2.88	2.78	1.54	1.08	1.71	2.72	1.38	1.00	2.03	3.23	3.23	0.63	1.56	1.31	0.92
Os02g0807800	CI447050	(No Hit)		1.00	5.16	13.12	1.94	1.92	0.86	1.26	2.81	2.49	0.59	1.00	2.03	1.93	3.60	0.94	8.11	3.69	2.28
Os02g0807900	AK119341	Serine threonine kinase.		1.00	70.84	156.15	11.57	3.96	1.69	9.22	9.31	10.15	5.88	1.00	323.71	30.64	10.11	0.74	46.99	3.90	1.51
Os02g0808800	AK064401	Cinnamoyl CoA reductase (EC 1.2.1.44).	*OsCCR1*	1.00	1.40	6.40	1.87	1.94	0.33	0.39	2.54	0.60	0.62	1.00	2.60	0.87	1.08	0.63	2.80	0.67	0.73
Os03g0104100	AK099959	Protein phosphatase 2C-like domain containing protein.		1.00	1.72	2.79	1.61	1.24	1.01	0.73	2.03	1.15	1.17	1.00	3.54	1.72	1.23	0.69	2.03	1.40	1.06
Os03g0114400	AK108730	AAA ATPase, central region domain containing protein.		1.00	2.96	10.77	18.41	15.43	1.48	1.39	7.98	14.01	6.95	1.00	32.10	37.86	27.99	0.72	6.74	14.16	12.54
Os03g0116400	AK061443	Membrane protein.		1.00	3.33	5.95	1.63	1.30	0.68	1.16	3.11	1.00	0.71	1.00	3.67	1.30	0.91	0.84	2.31	1.07	0.97
Os03g0116400	AK102725	Membrane protein.		1.00	3.46	5.92	1.64	1.29	0.72	1.27	3.45	1.09	0.78	1.00	3.69	1.33	1.13	0.88	2.09	1.00	0.99
Os03g0123500	AK060316	Homeodomain transcription factor KNAT7.		1.00	1.74	4.55	0.90	1.24	0.40	0.36	0.48	0.41	0.32	1.00	3.59	2.67	0.96	0.78	2.71	1.15	1.23
Os03g0123800	AK061176	Conserved hypothetical protein.		1.00	5.50	10.25	6.50	4.45	1.03	3.05	6.48	4.07	2.22	1.00	11.63	4.15	3.52	0.57	4.82	2.84	2.14
Os03g0124100	AK107007	Protein of unknown function DUF604 family protein.		1.00	4.68	3.94	3.17	1.57	0.43	0.48	0.96	1.00	0.58	1.00	4.50	2.27	2.11	0.85	3.84	3.46	0.89
Os03g0127500	C98212	Basic-leucine zipper (bZIP) transcription factor domain containing protein.		1.00	2.34	3.49	1.85	1.58	0.57	0.78	1.10	0.67	1.04	1.00	9.71	8.75	2.60	1.07	3.10	1.53	1.54
Os03g0128700	AK066500	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).		1.00	1.19	4.05	2.91	1.82	0.87	0.51	1.76	1.34	0.85	1.00	4.25	2.58	1.49	0.64	2.52	1.15	0.92
Os03g0128700	AY158077	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).		1.00	1.34	4.62	3.10	2.01	0.98	0.69	2.12	1.79	1.03	1.00	5.36	2.76	1.83	0.67	2.93	1.36	0.96
Os03g0128700	X81393	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).		1.00	1.34	4.56	3.03	2.02	0.98	0.69	2.07	1.74	1.01	1.00	5.25	2.66	1.82	0.66	2.94	1.34	0.95
Os03g0133000	AK107090	No apical meristem (NAM) protein domain containing protein.		1.00	5.98	2.78	1.26	0.89	1.16	2.86	1.57	1.43	1.12	1.00	2.10	1.13	0.70	0.26	0.67	0.38	0.34
Os03g0142500	AK100238	Zn-finger, RING domain containing protein.		1.00	2.09	7.30	4.26	2.81	0.93	0.86	4.91	2.76	1.45	1.00	14.36	7.89	4.40	0.62	6.39	3.67	2.30
Os03g0155900	CI550250	Alpha-expansin OsEXPA18.		1.00	5.05	8.77	1.33	1.00	2.76	2.76	4.25	1.31	2.77	1.00	12.65	1.30	0.68	1.00	2.83	0.34	0.42
Os03g0180900	AK073589	ZIM domain containing protein.		1.00	4.98	18.19	3.49	1.76	0.51	1.77	6.42	1.44	0.96	1.00	13.83	3.06	1.54	0.44	8.42	1.10	0.63
Os03g0181100	AK067971	ZIM domain containing protein.		1.00	16.55	10.29	2.52	1.42	0.61	7.43	5.53	1.76	1.17	1.00	9.40	2.08	1.04	0.54	4.68	0.85	0.53
Os03g0181100	AK120087	ZIM domain containing protein.		1.00	16.42	10.51	2.59	1.39	0.60	7.18	5.51	1.77	1.13	1.00	9.12	2.10	1.05	0.53	4.63	0.87	0.53
Os03g0183500	AK063042	Protein of unknown function DUF581 family protein.		1.00	141.09	39.85	3.66	1.81	0.10	79.91	17.37	0.55	0.59	1.00	42.96	2.64	0.54	0.48	22.11	0.41	0.21
Os03g0185500	AK106310	Hypothetical protein.		1.00	1.83	3.70	2.08	1.54	0.81	0.66	2.50	1.33	0.67	1.00	4.15	1.90	1.53	0.85	4.23	1.24	0.92
Os03g0189100	AK066877	Conserved hypothetical protein.		1.00	4.61	2.60	1.55	1.61	0.54	1.26	0.97	0.80	0.70	1.00	4.28	1.65	1.27	0.85	2.26	1.08	0.95
Os03g0190300	CI442602	Leucine-rich repeat, typical subtype containing protein.		1.00	3.51	5.55	1.59	1.09	0.72	0.84	1.96	1.08	0.56	1.00	3.87	1.31	0.78	0.60	1.81	0.62	0.45
Os03g0193400	Os03g0193400	Polyamine oxidase precursor (EC 1.5.3.11).		1.00	0.95	9.61	5.00	2.50	0.99	1.28	7.86	2.09	1.29	1.00	7.28	5.48	4.50	0.82	4.54	1.50	1.46
Os03g0194900	AK061389	Protein of unknown function DUF568 domain containing protein.		1.00	15.67	14.86	9.69	5.74	0.97	5.55	13.69	7.84	2.39	1.00	19.22	5.26	4.96	0.99	10.71	3.99	2.19
Os03g0194900	AK070149	Protein of unknown function DUF568 domain containing protein.		1.00	5.39	16.04	4.71	3.50	1.26	2.72	7.17	4.95	1.98	1.00	39.79	10.32	4.33	0.99	21.71	7.43	3.60
Os03g0194900	AK104041	Protein of unknown function DUF568 domain containing protein.		1.00	4.90	12.78	3.92	2.86	1.25	2.18	5.84	3.95	1.65	1.00	30.90	9.95	4.39	1.02	17.17	7.26	3.47
Os03g0194900	AK104413	Protein of unknown function DUF568 domain containing protein.		1.00	4.59	12.17	3.75	2.79	1.22	2.13	5.14	3.70	1.59	1.00	35.40	10.14	4.15	1.02	19.26	5.30	3.14
Os03g0195800	AF493792	High affinity sulphate transporter.		1.00	0.96	3.58	2.06	1.08	3.36	2.62	1.46	2.70	1.66	1.00	4.81	4.93	8.90	1.61	3.85	8.06	3.60
Os03g0195800	AK103007	High affinity sulphate transporter.		1.00	0.49	2.81	2.23	2.04	2.85	2.38	1.16	2.24	1.43	1.00	5.17	1.34	3.11	1.20	2.02	8.08	4.31
Os03g0207400	AK072292	Protein phosphatase 2C-like domain containing protein.		1.00	3.34	1.69	1.19	1.44	0.60	0.97	0.65	0.74	0.58	1.00	2.27	1.58	1.59	0.63	1.03	0.82	0.75
Os03g0225100	AK070170	Protein kinase domain containing protein.		1.00	11.49	4.82	2.58	0.89	0.59	4.28	3.54	2.35	1.01	1.00	5.87	3.71	0.61	0.90	3.82	2.32	1.47
Os03g0225100	AK104423	Protein kinase domain containing protein.		1.00	10.79	4.45	2.51	0.85	0.55	4.51	2.87	2.00	0.82	1.00	5.28	4.26	0.58	0.96	4.73	2.44	1.51
Os03g0225900	AK061758	Allene oxide synthase (EC 4.2.1.92).	*OsAOS2*	1.00	0.64	6.71	15.67	16.58	0.34	0.34	0.34	6.23	5.20	1.00	7.81	28.47	27.62	0.86	4.06	11.30	8.51
Os03g0225900	AK066138	Allene oxide synthase (EC 4.2.1.92).	*OsAOS2*	1.00	1.19	7.82	12.11	16.07	0.42	0.42	0.42	2.34	3.97	1.00	6.40	27.42	28.34	1.01	3.61	10.31	8.67
Os03g0225900	AY055775	Allene oxide synthase (EC 4.2.1.92).	*OsAOS2*	1.00	0.59	9.18	25.52	21.13	0.47	0.47	0.47	14.21	6.53	1.00	7.20	37.92	37.68	1.01	2.82	10.61	10.05
Os03g0225900	AY310358	Allene oxide synthase (EC 4.2.1.92).	*OsAOS2*	1.00	1.00	8.73	11.46	11.62	0.87	0.87	0.98	17.19	8.81	1.00	6.34	22.34	22.04	1.00	2.07	6.66	5.20
Os03g0226300	AK111731	Protein kinase family protein.		1.00	0.84	2.96	1.90	3.32	0.97	0.62	1.50	1.79	1.61	1.00	2.72	1.22	4.67	1.29	1.40	2.74	1.92
Os03g0230300	AK058934	Conserved hypothetical protein.		1.00	1.77	3.36	1.35	1.60	1.04	0.62	1.64	1.19	0.97	1.00	5.80	1.99	2.13	0.64	2.22	1.05	1.06
Os03g0230300	AK102303	Conserved hypothetical protein.		1.00	2.03	3.37	1.41	1.73	1.08	0.79	1.90	1.49	1.10	1.00	5.06	2.10	2.23	0.67	2.14	1.24	1.20
Os03g0231300	AK110646	Hypothetical protein.		1.00	4.89	10.40	3.06	2.34	1.09	2.12	5.51	3.02	1.62	1.00	13.70	2.88	1.65	0.57	5.75	1.55	0.98
Os03g0236200	AK071556	Glutamate decarboxylase isozyme 3 (EC 4.1.1.15).		1.00	3.14	3.27	1.70	1.09	0.72	0.66	1.50	1.44	0.50	1.00	2.93	1.80	1.72	0.51	1.34	1.19	0.69
Os03g0236200	AY187941	Glutamate decarboxylase isozyme 3 (EC 4.1.1.15).		1.00	2.43	2.36	1.47	1.09	0.81	0.79	1.43	1.36	0.55	1.00	2.02	1.28	1.24	0.60	1.23	1.01	0.64
Os03g0240600	AK109161	U box domain containing protein.		1.00	18.04	32.99	16.67	10.30	1.18	7.99	14.19	7.36	3.90	1.00	62.30	22.38	4.97	0.63	21.99	9.05	6.02
Os03g0247900	CI555308	F5O11.14 (ACR8).		1.00	4.47	3.88	2.67	2.15	1.19	1.81	2.48	2.55	1.47	1.00	6.64	2.71	1.95	0.62	2.89	1.75	1.06
Os03g0252100	CI429568	Esterase/lipase/thioesterase domain containing protein.		1.00	1.23	2.13	0.69	0.46	0.58	0.57	0.92	0.61	0.40	1.00	2.17	1.14	0.57	1.06	1.68	0.75	0.84
Os03g0258200	AK100934	Esterase/lipase/thioesterase domain containing protein.	*hsr203J-like*	1.00	3.11	5.91	1.46	1.19	0.88	1.21	1.94	1.24	0.78	1.00	7.31	2.70	1.76	0.57	3.04	0.79	0.75
Os03g0258900	AK121313	Glyoxal oxidase, N-terminal domain containing protein.		1.00	0.30	3.64	1.15	0.50	0.75	0.60	0.86	1.72	0.92	1.00	2.30	5.73	5.34	0.75	3.04	1.80	1.38
Os03g0264300	CB621804	Protein kinase domain containing protein.		1.00	2.05	3.74	7.71	5.30	1.15	1.72	4.76	6.81	2.24	1.00	3.82	3.34	2.57	0.84	4.12	1.34	1.67
Os03g0264400	AB022603	Anthranilate synthase alpha 2 subunit.		1.00	1.03	3.68	5.04	3.07	1.23	0.77	2.96	3.97	1.51	1.00	5.56	7.40	3.83	0.67	3.25	4.14	2.21
Os03g0264400	AK073501	Anthranilate synthase alpha 2 subunit.		1.00	1.11	4.33	6.87	3.72	1.41	0.90	3.75	5.57	1.83	1.00	7.43	11.85	5.01	0.61	4.22	6.08	2.85
Os03g0268600	AK069274	Protein phosphatase type 2C.		1.00	1.52	7.39	3.78	2.89	0.73	0.58	2.32	1.29	0.71	1.00	14.38	7.11	5.50	0.92	14.27	3.61	1.91
Os03g0270500	AK108185	Protein of unknown function DUF668 family protein.		1.00	4.49	4.78	2.59	1.90	0.71	1.60	1.42	1.48	1.21	1.00	4.65	2.18	1.79	0.55	2.15	1.00	0.83
Os03g0276500	AK072830	Heat shock protein 70.		1.00	1.22	2.87	3.28	2.62	1.14	0.77	1.35	2.53	1.03	1.00	5.28	6.90	3.39	0.95	2.82	3.25	2.53
Os03g0276500	AK099275	Heat shock protein 70.		1.00	1.22	2.69	2.95	2.47	1.13	0.83	1.38	2.39	1.12	1.00	4.53	5.62	2.98	0.93	2.57	2.90	2.32
Os03g0276500	AK109474	Heat shock protein 70.		1.00	1.24	2.92	3.11	2.54	1.14	0.89	1.48	2.40	1.24	1.00	5.02	5.62	2.91	0.92	2.90	3.10	2.42
Os03g0277700	AK061148	Protein of unknown function DUF26 domain containing protein.		1.00	0.97	2.98	11.26	15.17	0.67	0.71	1.68	4.62	5.92	1.00	1.68	2.99	4.44	0.54	1.09	2.62	3.37
Os03g0285800	AF216315	MAP kinase 1 (MAP kinase MAPK5a).		1.00	4.49	5.35	2.82	1.86	0.88	1.96	4.06	2.13	1.21	1.00	4.89	3.63	2.06	0.45	2.35	1.46	0.96
Os03g0285800	AF332873	MAP kinase 1 (MAP kinase MAPK5a).		1.00	4.60	5.47	2.84	1.92	0.89	2.00	4.20	2.22	1.26	1.00	4.82	3.69	2.06	0.46	2.45	1.56	0.97
Os03g0285800	AF479883	MAP kinase 1 (MAP kinase MAPK5a).		1.00	4.46	5.30	2.84	1.95	0.87	1.95	4.07	2.09	1.16	1.00	4.98	3.73	2.05	0.46	2.46	1.52	0.97
Os03g0285800	AF479884	MAP kinase 1 (MAP kinase MAPK5a).		1.00	4.60	5.61	2.81	1.94	0.87	1.94	4.18	2.19	1.21	1.00	4.84	3.63	2.08	0.45	2.49	1.47	0.96
Os03g0285800	AJ250311	MAP kinase 1 (MAP kinase MAPK5a).		1.00	4.77	5.34	3.05	2.04	0.88	2.12	4.41	2.21	1.25	1.00	5.21	3.80	2.20	0.45	2.51	1.50	0.99
Os03g0285800	AJ486975	MAP kinase 1 (MAP kinase MAPK5a).		1.00	4.61	5.36	2.88	2.01	0.88	2.04	4.22	2.13	1.20	1.00	4.87	3.76	2.14	0.44	2.37	1.45	0.96
Os03g0285800	AK067339	MAP kinase 1 (MAP kinase MAPK5a).		1.00	4.60	5.24	2.93	1.97	0.87	2.05	4.28	2.14	1.21	1.00	4.89	3.64	2.07	0.44	2.44	1.45	0.90
Os03g0285800	AK104834	MAP kinase 1 (MAP kinase MAPK5a).		1.00	4.64	5.36	2.93	2.00	0.86	1.96	4.10	2.10	1.19	1.00	4.94	3.84	2.13	0.45	2.40	1.48	0.94
Os03g0289800	AK060599	Isopenicillin N synthase family protein.		1.00	1.22	8.21	3.81	3.69	1.11	1.11	1.11	8.18	3.30	1.00	7.42	8.84	7.39	1.00	6.45	2.11	1.99
Os03g0289800	AK069008	Isopenicillin N synthase family protein.		1.00	3.70	6.17	5.45	3.95	0.97	0.97	2.90	3.02	1.90	1.00	3.07	4.54	4.66	0.73	7.66	2.93	1.52
Os03g0290300	AK058242	Fatty acid desaturase domain containing protein.	*OsFAD7*	1.00	6.67	4.57	1.06	0.94	0.76	1.87	2.54	0.77	0.62	1.00	6.92	1.96	1.64	0.78	3.47	1.24	1.11
Os03g0299600	AK068151	Wound-induced WI12 family protein.		1.00	4.01	5.71	2.43	1.43	0.95	1.38	2.35	1.34	0.88	1.00	7.95	2.58	1.20	1.00	4.82	1.93	1.18
Os03g0301200	AK065552	COBRA-like protein 7 precursor.		1.00	3.75	1.52	0.82	0.93	0.92	1.39	1.04	0.89	0.75	1.00	2.62	1.29	1.65	1.25	1.71	1.16	1.25
Os03g0302000	CI447574	Peroxisomal biogenesis factor 11 family protein.		1.00	1.21	1.92	2.09	2.41	1.12	0.53	1.22	1.75	1.15	1.00	2.13	3.11	2.62	0.56	1.31	2.01	1.64

Os03g0302200	AK120853	Zn-finger-like, PHD finger domain containing protein.		1.00	3.34	3.28	1.69	1.25	0.87	1.12	2.45	1.47	0.64	1.00	3.44	1.98	1.56	0.75	2.79	1.18	0.90
Os03g0313300	CI422575	Poly(A) polymerase, central region domain containing protein.		1.00	1.36	2.34	1.49	1.18	0.67	0.83	0.99	0.88	0.71	1.00	3.25	1.38	0.94	0.69	1.89	0.63	0.66
Os03g0316200	AK071812	WSI76 protein induced by water stress.		1.00	2.48	4.00	0.76	0.90	0.78	1.51	1.28	0.74	0.88	1.00	5.42	1.83	1.00	0.97	2.06	0.97	0.97
Os03g0326000	AK059185	Phospholipid-transporting ATPase 1 (EC 3.6.3.1) (Aminophospholipid flippase 1).		1.00	2.86	5.43	5.13	4.89	1.07	1.36	5.10	4.77	2.17	1.00	7.48	5.29	6.85	0.90	4.67	3.44	3.16
Os03g0326200	AK099837	Phospholipid-transporting ATPase 1 (EC 3.6.3.1) (Aminophospholipid flippase 1).		1.00	2.96	3.68	3.70	3.64	1.24	1.38	4.68	5.93	1.49	1.00	4.49	1.42	5.21	0.80	1.94	1.87	1.61
Os03g0327100	AK065989	NAM / CUC2-like protein.		1.00	2.63	5.17	1.79	1.77	1.25	1.34	2.37	1.99	1.59	1.00	11.01	5.12	3.63	0.71	4.45	1.73	1.68
Os03g0334200	AK066472	Hypothetical protein.		1.00	6.95	2.63	1.37	1.45	0.94	2.42	1.70	1.84	1.19	1.00	3.14	1.52	1.54	0.62	1.41	1.28	1.11
Os03g0334200	AK120329	Hypothetical protein.		1.00	5.47	2.37	1.27	1.15	0.95	1.85	1.11	1.94	0.88	1.00	2.80	2.09	1.40	0.37	0.77	0.61	0.62
Os03g0341000	AK111414	AP2 domain containing protein RAP2.2 (Fragment).		1.00	4.00	39.25	23.57	11.90	0.70	0.90	16.53	6.38	4.88	1.00	6.76	2.81	1.30	0.35	4.21	1.29	0.85
Os03g0351300	Os03g0351300	Glycoside hydrolase, family 14 protein.		1.00	1.69	2.42	2.66	1.90	0.99	0.94	1.33	1.71	0.78	1.00	2.91	1.71	1.53	0.61	1.59	1.37	0.83
Os03g0353400	AB110172	Poly(A)-binding protein C-terminal interacting protein 243.		1.00	7.01	6.00	3.02	2.46	1.28	3.14	4.29	3.07	1.56	1.00	7.24	1.79	2.14	0.71	3.56	1.82	1.49
Os03g0371400	AK107816	Cytochrome P450 family protein.		1.00	0.75	4.70	16.66	10.78	0.61	0.53	3.67	9.19	2.46	1.00	8.22	20.00	35.97	0.78	2.91	16.63	4.14
Os03g0373500	AK111250	Hypothetical protein.		1.00	4.30	4.77	2.53	2.66	1.28	1.91	3.47	1.99	1.36	1.00	5.62	1.11	2.11	0.69	2.63	1.32	1.07
Os03g0374400	AK069719	Conserved hypothetical protein.		1.00	2.21	6.35	3.43	3.51	1.08	1.07	3.27	2.69	2.44	1.00	6.08	2.06	4.34	1.17	4.10	1.46	1.95
Os03g0374500	CI136677	RNA-binding region RNP-1 (RNA recognition motif) domain containing protein.		1.00	11.77	2.52	0.89	1.13	1.08	2.31	1.39	1.58	2.25	1.00	4.26	2.97	2.61	0.60	0.60	0.63	0.60
Os03g0375900	AK107064	Amino acid/polyamine transporter I family protein.		1.00	0.95	2.30	1.07	0.94	0.93	0.51	1.08	0.96	0.58	1.00	5.94	7.26	4.17	1.59	2.97	3.23	2.94
Os03g0386500	AK106316	Trehalose-6-phosphate phosphatase.		1.00	1.46	2.77	2.46	2.72	0.80	0.67	1.43	2.53	1.98	1.00	5.97	5.58	3.88	0.55	1.80	1.91	3.09
Os03g0389700	AB122057	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (DAHP synthetase 1).		1.00	0.70	9.28	2.09	0.89	1.38	0.53	4.55	2.27	0.70	1.00	11.84	4.27	1.40	1.15	10.96	2.50	1.38
Os03g0389700	AK059247	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (DAHP synthetase 1).		1.00	0.71	9.41	2.06	0.91	1.38	0.54	4.62	2.34	0.68	1.00	11.90	4.21	1.41	1.15	11.04	2.49	1.40
Os03g0389700	AK061085	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (DAHP synthetase 1).		1.00	0.71	9.33	2.05	0.87	1.37	0.55	4.35	2.32	0.71	1.00	11.58	4.21	1.41	1.16	11.49	2.60	1.39
Os03g0401300	AK061713	Sucrose synthase 2 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 2).		1.00	0.95	1.07	2.13	1.29	1.30	0.54	0.70	1.48	0.59	1.00	1.45	2.02	1.45	0.95	1.12	1.45	0.94
Os03g0402800	AK061842	ZIM domain containing protein.		1.00	5.48	7.03	2.12	1.29	0.55	2.30	3.40	0.95	0.80	1.00	7.50	2.15	1.45	0.77	4.39	1.00	0.73
Os03g0402800	AK099557	ZIM domain containing protein.		1.00	5.56	7.22	2.10	1.31	0.55	2.36	3.51	0.95	0.82	1.00	7.74	2.17	1.47	0.77	4.52	1.05	0.73
Os03g0429000	AK102768	Proteinase inhibitor I25, cystatin family protein.		1.00	1.74	3.81	4.01	2.06	0.87	0.71	1.33	2.05	0.84	1.00	4.42	3.69	2.03	0.85	2.57	2.59	1.46
Os03g0429800	AK065099	Xanthine dehydrogenase 1 (EC 1.1.1.204).		1.00	0.91	1.09	2.36	1.78	1.15	0.71	0.83	1.63	0.82	1.00	1.68	3.77	2.29	0.81	1.39	2.24	1.49
Os03g0429800	AK067814	Xanthine dehydrogenase 1 (EC 1.1.1.204).		1.00	0.91	1.10	2.25	1.76	1.19	0.71	0.86	1.71	0.81	1.00	1.72	3.44	2.35	0.83	1.52	2.23	1.56
Os03g0437100	AK108997	Zn-finger, C2H2 type domain containing protein.		1.00	31.58	44.68	33.66	5.47	1.11	7.77	97.35	38.21	10.23	1.00	34.27	13.86	10.55	1.00	36.97	10.63	2.16
Os03g0437200	AK059839	Zn-finger, C2H2 type domain containing protein.		1.00	62.37	50.74	23.15	9.79	1.00	26.79	27.73	13.04	6.61	1.00	21.29	9.08	3.80	0.48	11.10	3.70	2.11
Os03g0570100	AK119569	Cytochrome P450 79A1 (EC 1.14.13.41) (Tyrosine N-monooxygenase) (Cytochrome P450Tyr).		1.00	1.00	2.79	37.02	6.94	1.83	1.83	1.83	9.41	17.16	1.00	1.30	28.05	34.72	1.01	2.00	14.17	11.30
Os03g0576900	AK064598	Amino acid/polyamine transporter I family protein.		1.00	1.18	3.35	3.52	1.93	0.65	0.53	1.07	1.21	0.54	1.00	3.17	1.26	1.59	1.11	1.53	1.51	0.90
Os03g0589500	AK105481	Conserved hypothetical protein.		1.00	6.42	1.86	1.25	1.58	1.90	2.10	1.84	3.74	3.48	1.00	1.85	1.64	2.38	0.68	0.84	0.64	0.81
Os03g0594100	AK111441	Cytochrome P450 family protein.		1.00	1.01	0.93	3.04	5.34	0.71	0.35	0.49	1.16	2.05	1.00	2.41	3.95	4.54	0.25	0.18	0.86	1.31
Os03g0634400	AK111510	Protein kinase domain containing protein.	*OsCIPK7*	1.00	3.55	2.85	1.22	0.65	0.54	1.14	1.65	0.74	0.45	1.00	2.98	2.73	1.43	0.53	1.71	0.83	0.59
Os03g0657100	AK066133	U box domain containing protein.		1.00	1.37	2.98	2.02	1.42	0.90	0.45	2.03	1.72	0.74	1.00	4.88	4.15	3.29	0.85	1.52	2.24	1.29
Os03g0657100	AK120547	U box domain containing protein.		1.00	1.35	2.75	1.48	1.27	0.97	0.57	1.64	1.71	0.71	1.00	4.95	4.34	2.81	0.79	2.53	1.84	1.23
Os03g0667100	AK101223	BTB/POZ domain containing protein.		1.00	2.05	0.92	2.06	1.33	0.64	0.84	0.67	2.10	0.60	1.00	0.58	2.28	1.69	0.48	0.60	0.58	0.45
Os03g0687000	AK065253	Nitrate transporter NRT1-5 (Fragment).		1.00	1.03	3.77	1.86	1.05	0.89	0.54	1.80	1.40	0.70	1.00	3.71	3.22	2.13	0.58	1.99	1.17	0.82
Os03g0687000	AK099244	Nitrate transporter NRT1-5 (Fragment).		1.00	0.90	3.37	1.64	0.98	0.90	0.55	1.64	1.39	0.67	1.00	3.83	3.21	2.12	0.58	1.58	1.01	0.71
Os03g0687000	AK099321	Nitrate transporter NRT1-5 (Fragment).		1.00	0.94	3.68	1.84	1.03	0.90	0.55	1.71	1.41	0.72	1.00	3.85	2.89	1.98	0.56	1.80	1.10	0.80
Os03g0687000	AK099910	Nitrate transporter NRT1-5 (Fragment).		1.00	1.03	3.59	1.72	1.04	0.88	0.56	1.78	1.41	0.71	1.00	4.11	3.36	2.28	0.55	1.79	1.12	0.77
Os03g0687000	AK104378	Nitrate transporter NRT1-5 (Fragment).		1.00	0.91	3.39	1.63	0.93	0.90	0.51	1.67	1.39	0.67	1.00	3.72	3.11	2.06	0.58	1.55	0.99	0.70
Os03g0697200	Os03g0697200	Lysine decarboxylase-like protein.		1.00	2.31	1.61	2.09	1.89	1.05	1.40	1.34	0.84	1.41	1.00	1.83	3.75	1.76	0.36	0.39	0.41	0.32
Os03g0700700	AK071121	Lipoxygenase (EC 1.13.11.12).	*LOX*	1.00	1.94	6.42	2.29	1.13	0.99	0.79	3.17	1.92	0.75	1.00	10.18	3.43	1.92	0.74	5.71	1.89	1.09
Os03g0700700	AK072689	Lipoxygenase (EC 1.13.11.12).	*LOX*	1.00	1.98	6.59	2.26	1.11	0.99	0.78	3.09	1.85	0.78	1.00	9.21	3.49	1.89	0.74	5.51	1.80	1.06
Os03g0700700	AK072869	Lipoxygenase (EC 1.13.11.12).	*LOX*	1.00	1.96	6.64	2.25	1.13	0.99	0.80	3.24	1.86	0.75	1.00	9.60	3.44	1.86	0.75	5.50	1.78	1.07
Os03g0700700	AK105792	Lipoxygenase (EC 1.13.11.12).	*LOX*	1.00	1.98	6.49	2.30	1.15	0.99	0.80	3.20	1.90	0.77	1.00	9.21	3.39	1.89	0.75	5.52	1.94	1.12
Os03g0701200	AK061528	Haloacid dehalogenase-like hydrolase domain containing protein.		1.00	2.47	8.88	4.10	4.94	0.84	0.97	3.44	2.40	1.55	1.00	8.78	2.93	3.14	0.57	4.20	1.62	1.28
Os03g0701200	AK061982	Haloacid dehalogenase-like hydrolase domain containing protein.		1.00	2.53	9.97	4.17	5.05	0.78	1.03	3.32	2.27	1.45	1.00	9.04	1.71	3.16	0.50	5.21	1.32	0.92
Os03g0701200	AK099563	Haloacid dehalogenase-like hydrolase domain containing protein.		1.00	2.61	9.77	4.35	4.63	0.84	0.99	2.95	2.31	1.51	1.00	9.11	2.79	3.36	0.48	4.32	1.25	1.12
Os03g0704700	AY224588	Pleckstrin-like domain containing protein.		1.00	0.76	2.12	1.07	0.59	1.01	0.26	1.14	0.79	0.75	1.00	2.73	1.69	0.88	0.66	1.55	1.18	0.75
Os03g0712400	AK111063	Atypical receptor-like kinase MARK.		1.00	1.27	2.27	1.76	1.03	0.95	0.52	0.85	1.22	0.53	1.00	3.64	3.77	1.82	0.64	1.40	1.11	1.29
Os03g0719000	AK108923	MAP65/ASE1 family protein.		1.00	1.63	2.92	1.35	1.00	0.76	0.76	0.76	1.92	2.63	1.00	5.92	1.43	1.43	1.07	2.43	1.07	2.06
Os03g0729000	AK108046	Conserved hypothetical protein.		1.00	4.26	24.13	2.68	1.34	1.85	1.85	14.17	4.02	1.15	1.00	9.82	15.22	1.59	0.52	5.83	1.91	0.54
Os03g0734500	AK108001	Conserved hypothetical protein.		1.00	10.63	6.23	1.00	1.32	1.12	6.82	1.38	3.13	4.46	1.00	27.87	2.82	1.54	1.17	13.59	1.17	1.17
Os03g0740900	AK062364	Non-protein coding transcript, unclassifiable transcript.		1.00	8.93	4.22	3.15	2.79	1.10	4.26	5.29	3.70	0.70	1.00	4.91	1.48	2.82	0.65	1.63	1.19	0.89
Os03g0741100	AK071734	Basic helix-loop-helix dimerisation region bHLH domain containing protein.		1.00	72.31	17.89	7.25	3.56	0.95	29.42	11.80	5.19	1.79	1.00	17.63	4.13	2.52	0.48	6.41	2.24	0.92
Os03g0750400	AK109888	Hypothetical protein.		1.00	5.40	7.02	7.66	6.53	0.80	1.83	2.72	4.46	3.39	1.00	3.64	4.05	3.03	0.64	3.16	1.53	3.22
Os03g0751600	AK061520	Heavy metal transport/detoxification protein domain containing protein.		1.00	1.23	1.02	1.59	2.11	0.76	0.62	0.63	1.05	0.98	1.00	1.55	5.93	4.48	1.00	1.05	3.97	2.53
Os03g0760200	AK066760	Cytochrome P450 family protein.		1.00	1.58	1.20	1.92	4.72	1.56	1.13	1.05	1.58	1.68	1.00	0.97	0.44	4.06	0.94	0.77	1.03	2.58
Os03g0760200	AK104825	Cytochrome P450 family protein.		1.00	1.56	1.18	1.88	4.88	1.55	1.12	1.02	1.55	1.69	1.00	0.96	0.44	4.17	0.95	0.80	1.05	2.47
Os03g0761100	AK066083	Protein phosphatase 2C-like protein.		1.00	2.10	3.81	2.31	1.84	1.09	0.88	2.47	2.17	1.29	1.00	3.11	1.81	1.65	0.61	2.09	1.57	0.68
Os03g0764100	AF332876	Conserved hypothetical protein.		1.00	15.08	9.99	4.71	3.26	1.00	6.20	5.55	4.24	2.30	1.00	7.33	4.41	2.41	0.65	4.64	2.19	1.59
Os03g0766900	AK066137	Conserved hypothetical protein.		1.00	7.89	11.80	4.39	1.49	0.74	1.48	3.11	2.20	1.43	1.00	5.15	2.78	1.35	1.43	3.58	1.31	0.97
Os03g0767000	AB116527	Allene oxide synthase (EC 4.2.1.92).	*OsAOS1*	1.00	5.69	7.87	2.16	0.94	0.40	1.24	2.57	1.21	0.59	1.00	12.61	5.90	1.37	0.89	6.03	2.51	1.28
Os03g0767000	AK068620	Allene oxide synthase (EC 4.2.1.92).	*OsAOS1*	1.00	5.72	7.61	2.41	0.94	0.38	1.18	2.65	1.13	0.56	1.00	13.38	5.82	1.46	0.92	6.92	2.47	1.35
Os03g0769500	AK107501	Calcium-binding EF-hand domain containing protein.		1.00	1.15	3.50	4.06	2.63	1.49	1.87	2.56	1.86	2.18	1.00	2.05	0.86	0.68	0.45	2.00	0.96	0.83
Os03g0772600	AK120949	Protein kinase family protein.		1.00	1.48	1.44	3.76	2.92	0.77	0.72	0.55	1.78	1.51	1.00	0.97	2.92	2.21	0.24	0.29	1.18	0.91
Os03g0776400	AK106237	Conserved hypothetical protein.		1.00	1.09	2.15	1.86	1.80	1.26	1.01	0.94	1.99	1.50	1.00	2.14	1.92	1.51	0.25	0.31	0.79	0.61
Os03g0787000	AK065950	Syntaxin.		1.00	6.52	4.66	1.97	1.42	1.00	2.58	2.59	1.75	1.12	1.00	5.90	2.29	1.47	0.62	2.28	1.12	0.90
Os03g0788500	AK072204	Calcium-dependent protein kinase 2.		1.00	3.85	4.45	1.50	1.07	0.95	1.51	3.11	1.47	0.90	1.00	6.17	2.03	1.03	0.94	3.83	1.28	0.77
Os03g0803600	CI526548	Glycosyl transferase, family 31 protein.		1.00	2.05	0.84	0.57	0.93	0.86	0.99	0.59	0.60	0.53	1.00	0.81	1.51	2.70	1.23	1.65	0.92	1.29
Os03g0804500	AF072694	Germin-like protein subfamily T member 1 precursor.		1.00	2.47	10.80	1.90	0.53	1.17	2.27	4.89	1.02	0.58	1.00	14.80	2.31	0.46	1.02	10.55	1.31	0.42
Os03g0804500	AK062698	Germin-like protein subfamily T member 1 precursor.		1.00	2.34	10.48	1.78	0.51	1.17	2.22	4.66	1.00	0.58	1.00	14.02	2.41	0.46	1.07	11.96	1.45	0.49
Os03g0804600	Os03g0804600	RmlC-like cupin family protein.		1.00	1.34	3.95	1.26	0.81	0.95	1.15	1.97	0.88	0.75	1.00	3.49	1.43	0.64	0.98	2.69	0.91	0.77
Os03g0821300	AJ575237	Protein phosphatase 2C-like domain containing protein.		1.00	2.59	2.32	1.46	1.25	1.11	1.27	1.78	1.34	0.86	1.00	3.68	2.45	1.78	1.07	2.45	1.63	1.18
Os03g0827900	Os03g0827900	Conserved hypothetical protein.		1.00	0.81	2.88	1.42	0.99	0.87	0.54	1.37	0.89	0.72	1.00	2.69	1.40	0.97	0.61	1.32	1.03	0.91
Os03g0829200	AK108175	Soluble epoxide hydrolase.		1.00	0.86	1.20	4.16	3.13	1.96	1.07	0.84	2.71	1.32	1.00	2.87	5.60	3.77	1.17	2.05	3.41	2.61
Os03g0830400	CI422497	PGPS/D12.		1.00	2.37	20.64	1.16	1.00	1.09	1.33	6.17	2.81	1.64	1.00	54.68	3.50	1.00	1.00	20.94	1.00	1.00
Os03g0830500	AK071173	PGPS/D12.		1.00	12.66	204.85	77.43	43.02	0.94	6.86	53.80	11.85	2.70	1.00	131.77	21.47	4.32	0.41	65.65	6.03	1.09
Os03g0838100	AK066616	Curculin-like (mannose-binding) lectin domain containing protein.		1.00	1.75	3.32	2.26	1.40	0.92	0.80	1.99	1.91	0.88	1.00	5.35	4.35	2.81	0.90	3.40	2.66	1.79
Os03g0838100	AK119863	Curculin-like (mannose-binding) lectin domain containing protein.		1.00	1.82	4.11	2.51	1.62	0.89	0.81	2.27	2.12	1.04	1.00	6.19	5.15	3.40	0.83	3.78	2.73	1.80
Os03g0838100	AK119881	Curculin-like (mannose-binding) lectin domain containing protein.		1.00	1.93	3.65	2.72	1.73	0.91	0.91	2.33	2.16	0.94	1.00	6.24	4.86	3.29	0.91	3.99	3.13	2.02
Os03g0849800	AK069826	Conserved hypothetical protein.		1.00	1.62	2.91	1.25	1.02	0.84	0.81	2.28	0.87	0.85	1.00	4.27	1.85	1.36	0.91	2.43	1.43	1.28
Os03g0850700	AK062083	Phosphatidylinositol phosphatidylcholine transfer protein sec14 cytosolic-like protein.		1.00	1.00	40.90	13.83	11.21	0.69	0.69	4.33	6.33	6.50	1.00	48.76	15.32	6.92	0.98	44.10	12.56	3.62
Os04g0107600	AK058573	Arginine decarboxylase (EC 4.1.1.19) (ARGDC) (ADC).		1.00	1.00	67.30	25.21	7.28	1.11	1.11	1.11	24.02	1.45	1.00	11.64	51.33	9.18	1.00	30.95	20.44	4.36
Os04g0110100	AK062396	Concanavalin A-like lectin/glucanase domain containing protein.		1.00	2.64	12.58	1.38	0.54	1.05	0.81	4.20	1.38	0.42	1.00	31.85	1.51	0.63	1.94	20.27	4.57	2.64
Os04g0119500	AJ698084	Membrane related protein-like.		1.00	5.54	6.50	3.63	2.32	0.99	2.15	3.98	2.90	1.42	1.00	8.53	4.03	2.60	0.79	4.27	2.30	1.45
Os04g0119500	AK061898	Membrane related protein-like.		1.00	5.38	6.78	3.52	2.17	1.00	2.18	3.93	2.83	1.48	1.00	9.39	4.41	2.71	0.81	4.46	2.41	1.49
Os04g0119500	AK063189	Membrane related protein-like.		1.00	5.80	5.49	4.07	2.72	1.08	3.10	3.43	3.98	1.17	1.00	5.76	3.02	2.42	1.12	3.57	1.98	1.46
Os04g0119500	AK065035	Membrane related protein-like.		1.00	5.38	6.96	3.70	2.30	1.00	2.27	4.08	2.77	1.47	1.00	9.27	4.53	2.85	0.80	4.38	2.42	1.53
Os04g0149400	AK062765	Hypothetical protein.		1.00	3.08	5.37	2.05	1.85	0.46	1.24	1.74	1.44	1.74	1.00	2.85	1.07	0.99	0.33	1.12	0.49	0.55
Os04g0150300	AK103818	Conserved hypothetical protein.		1.00	2.25	3.21	2.12	1.91	0.58	0.58	0.69	2.03	1.60	1.00	1.38	1.97	3.69	0.23	0.93	0.49	0.25
Os04g0172400	AK064755	Transferase family protein.		1.00	1.00	2.32	6.97	11.29	1.08	1.08	1.08	21.11	8.45	1.00	4.26	12.36	9.79	1.01	1.40	5.08	5.18
Os04g0179100	CI027926	Glucose/ribitol dehydrogenase family protein.		1.00	1.44	8.97	59.76	42.76	1.71	1.75	7.26	27.09	16.16	1.00	6.07	18.40	11.13	0.06	1.17	5.75	4.04
Os04g0179200	AK106087	Stem secoisolariciresinol dehydrogenase (Fragment).		1.00	1.26	7.40	49.43	37.83	2.00	2.59	8.87	24.91	17.44	1.00	8.51	37.13	19.35	0.30	5.98	19.99	15.85
Os04g0179200	AK120852	Stem secoisolariciresinol dehydrogenase (Fragment) (Momilactone A synthase).	*OsMAS*	1.00	1.26	7.83	52.26	36.07	2.03	2.69	8.78	25.49	17.54	1.00	8.18	36.16	19.26	0.31	6.24	20.85	13.21
Os04g0179700	AK119327	Terpene synthase.	*OsKSL4*	1.00	1.39	14.87	53.62	47.54	2.48	1.89	22.16	50.99	21.49	1.00	22.49	50.40	39.02	0.29	15.49	20.65	13.31
Os04g0179700	AY347880	Terpene synthase.	*OsKSL4*	1.00	1.43	15.80	79.94	57.71	2.43	1.92	21.94	51.48	19.32	1.00	21.30	79.16	44.53	0.26	11.10	43.97	22.51
Os04g0180400	AK071546	Cytochrome P450 CYP99A1 (EC 1.14.-.-) (Fragment).	*CYP99A2*	1.00	1.02	6.99	49.70	28.72	2.59	1.59	6.31	24.94	12.45	1.00	14.34	162.30	74.31	0.86	15.79	97.07	47.58
Os04g0203700	CI223934	(No Hit)		1.00	3.54	14.23	2.70	2.11	0.10	0.10	0.10	0.48	0.20	1.00	6.83	1.83	1.94	0.04	0.64	0.14	0.11
Os04g0203900	CI363731	(No Hit)		1.00	1.07	3.80	2.13	5.29	0.96	1.42	1.70	2.91	3.29	1.00	4.41	3.70	2.90	0.44	1.22	2.77	1.02
Os04g0204000	Os04g0204000	Conserved hypothetical protein.		1.00	5.43	11.98	3.82	2.82	0.21	0.40	0.78	0.57	0.51	1.00	8.00	1.94	1.83	0.26	3.01	0.89	0.51
Os04g0204100	Os04g0204100	Conserved hypothetical protein.		1.00	2.33	3.07	1.85	2.64	0.96	0.81	2.25	1.83	2.13	1.00	2.86	1.24	2.23	0.65	2.19	1.24	1.36
Os04g0206500	AK110892	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	3.68	15.00	2.75	1.89	0.10	0.05	0.21	0.19	0.13	1.00	9.39	1.88	2.38	0.03	1.44	0.09	0.17
Os04g0206600	AK106302	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	2.42	3.89	1.97	3.05	1.04	0.97	2.54	2.11	2.51	1.00	3.53	1.39	2.69	0.56	2.61	1.43	1.68
Os04g0226600	AK119282	Receptor-like protein kinase 4.		1.00	1.20	6.93	8.60	4.10	0.82	0.68	2.45	2.57	1.28	1.00	9.53	20.39	4.71	0.74	5.31	3.82	1.27
Os04g0267000	CI125814	(No Hit)		1.00	1.11	2.12	1.11	0.88	0.63	0.42	0.93	0.71	0.17	1.00	3.22	2.08	1.55	0.33	0.82	0.31	0.32
Os04g0274700	CI397599	(No Hit)		1.00	1.20	3.09	1.70	1.31	0.63	0.54	2.05	1.20	0.85	1.00	2.84	1.25	1.16	0.61	3.01	1.02	0.70
Os04g0275100	AK106614	EGF-like calcium-binding domain containing protein.		1.00	0.68	1.71	3.01	2.25	0.96	0.55	1.21	1.81	1.08	1.00	3.87	7.52	4.42	0.65	1.57	2.92	1.52
Os04g0288100	CI402652	Adenosine diphosphate glucose pyrophosphatase precursor.		1.00	0.87	5.25	9.37	11.46	0.78	1.12	2.44	5.07	5.45	1.00	3.04	7.21	6.35	0.50	1.82	3.70	3.34
Os04g0301500	AB040744	Basic helix-loop-helix dimerisation region bHLH domain containing protein.	*RERJ1*	1.00	168.86	66.50	1.90	0.96	1.11	65.47	54.48	1.58	1.34	1.00	88.08	2.69	0.87	0.40	27.34	1.03	0.59
Os04g0316200	AK110725	Protein of unknown function DUF26 domain containing protein.		1.00	0.90	2.07	6.68	10.40	0.28	0.35	0.77	2.78	2.52	1.00	4.84	13.99	31.55	0.42	1.50	4.23	5.96
Os04g0316200	AY576676	Protein of unknown function DUF26 domain containing protein.		1.00	0.96	2.23	6.90	10.69	0.28	0.35	0.80	2.88	2.70	1.00	5.01	14.85	31.55	0.41	1.57	4.62	5.98
Os04g0322100	CI215988	Protein of unknown function DUF26 domain containing protein.		1.00	0.90	2.08	6.40	10.16	0.29	0.35	0.76	2.88	2.69	1.00	4.70	13.69	29.42	0.42	1.47	4.21	5.81
Os04g0365100	AK111580	Wall-associated kinase-like protein.		1.00	7.67	5.96	1.00	1.00	1.08	4.39	1.56	0.23	0.28	1.00	6.30	2.14	0.50	0.68	3.53	0.68	0.27
Os04g0368000	CI447876	(No Hit)		1.00	3.86	2.71	0.78	0.68	0.53	1.24	0.90	1.77	0.52	1.00	3.09	1.78	1.54	0.18	0.38	0.25	0.21
Os04g0368800	Os04g0368800	EGF-like calcium-binding domain containing protein.		1.00	4.36	16.76	2.94	3.01	0.98	1.69	6.01	1.77	1.71	1.00	12.26	2.99	1.78	0.66	5.05	0.96	1.95
Os04g0369000	AK119916	Major sperm protein domain containing protein.		1.00	1.17	2.33	1.37	1.06	0.53	0.70	0.76	0.77	0.67	1.00	2.77	3.39	0.89	0.44	0.71	0.44	0.47
Os04g0372700	AK062814	GroES-like domain containing protein.		1.00	15.87	1.22	1.22	3.27	0.81	5.39	0.98	1.71	1.34	1.00	0.96	0.53	2.43	0.90	1.03	0.56	0.65
Os04g0391500	AK067296	Amino acid-binding ACT domain containing protein.		1.00	2.48	4.26	2.55	1.43	0.53	0.72	2.02	1.59	0.70	1.00	6.62	3.82	2.82	0.87	3.43	2.04	1.16
Os04g0391500	AK072197	Amino acid-binding ACT domain containing protein.		1.00	2.32	3.92	2.27	1.24	0.57	0.55	1.77	1.58	0.69	1.00	6.19	3.60	2.83	0.77	2.28	2.89	0.89
Os04g0395800	AK107750	ZIM domain containing protein.		1.00	9.46	97.47	5.67	3.64	1.07	2.06	11.90	4.30	3.25	1.00	112.25	10.75	7.25	0.79	39.73	2.78	0.79
Os04g0413500	AK072276	Cell wall invertase 2.		1.00	0.57	2.53	0.97	0.83	0.83	0.54	0.44	1.01	0.99	1.00	1.57	2.30	0.72	0.66	1.03	1.10	0.89
Os04g0413500	AY340072	Cell wall invertase 2.		1.00	0.69	2.63	1.34	0.84	0.65	0.77	0.52	1.08	0.77	1.00	1.85	2.41	1.11	0.88	1.57	1.43	1.15
Os04g0430200	AK104956	Phosphatidylinositol-specific phospholipase C, X region domain containing protein.		1.00	2.94	3.81	9.04	2.85	1.68	1.83	3.66	3.65	3.99	1.00	3.02	1.03	14.36	0.70	3.20	2.00	6.07
Os04g0439100	AK067590	T-complex 11 family protein.		1.00	0.97	2.69	2.71	2.74	1.04	0.34	0.98	2.60	0.87	1.00	2.62	3.77	2.27	0.87	3.95	1.33	1.00
Os04g0439100	AK120173	T-complex 11 family protein.		1.00	0.98	2.38	2.86	2.42	1.19	0.72	1.48	2.38	1.06	1.00	6.00	5.54	3.89	0.70	3.09	2.39	1.68
Os04g0447100	CI190887	Lipoxygenase.	*LOX*	1.00	5.50	8.04	2.62	1.90	0.62	1.15	3.34	1.84	0.66	1.00	6.37	2.24	2.06	0.42	2.61	0.76	0.48
Os04g0449800	CI171783	Esterase/lipase/thioesterase domain containing protein.		1.00	0.84	3.30	0.56	0.35	0.31	0.37	0.43	0.19	0.08	1.00	3.41	1.38	0.95	0.76	3.51	0.46	0.49
Os04g0450100	AK069194	Protein of unknown function DUF341 family protein.		1.00	2.09	3.87	2.13	2.29	0.73	1.16	1.42	0.88	1.25	1.00	4.93	1.33	1.63	0.60	2.35	0.82	0.85
Os04g0450100	AK100647	Protein of unknown function DUF341 family protein.		1.00	1.76	3.45	2.07	2.10	0.69	0.91	1.26	0.73	1.10	1.00	4.20	1.33	1.47	0.61	2.36	0.80	0.87
Os04g0458600	AK106058	Non-cell-autonomous protein pathway2.		1.00	1.00	10.93	42.65	56.03	1.89	1.24	5.39	27.05	36.81	1.00	5.52	31.14	40.94	0.27	1.43	11.65	10.22
Os04g0459500	AK119220	GADPH (383 AA) (Fragment).		1.00	3.69	1.75	1.69	1.38	0.90	0.93	1.09	0.79	1.05	1.00	2.14	1.60	0.82	0.77	0.80	0.70	1.00
Os04g0461000	CI523687	Myb, DNA-binding domain containing protein.		1.00	1.42	2.99	7.37	4.60	0.84	0.53	1.15	2.80	1.86	1.00	8.04	11.75	8.94	0.42	1.77	2.15	1.36
Os04g0463400	AK059730	Protein of unknown function DUF125 family protein.		1.00	0.80	4.13	8.61	7.16	1.40	1.38	2.71	3.64	4.03	1.00	2.59	2.79	2.43	0.60	1.46	2.56	2.47
Os04g0469300	CI441424	(No Hit)		1.00	2.38	2.47	0.43	0.24	0.43	0.91	1.66	0.30	0.21	1.00	4.15	1.45	0.59	3.69	6.88	0.74	0.65
Os04g0469300	CI441424	(No Hit)		1.00	2.29	2.38	0.37	0.27	0.49	1.03	2.01	0.27	0.25	1.00	3.92	1.55	0.64	3.90	6.71	0.81	0.56
Os04g0482300	AK064143	TAZ finger domain containing protein.		1.00	5.03	4.68	6.22	4.92	1.48	2.34	3.25	8.45	3.13	1.00	13.36	5.93	4.09	0.54	4.49	2.02	0.88
Os04g0488700	AK067266	Protein kinases-like protein.		1.00	1.13	1.48	1.53	2.67	1.13	0.98	0.68	2.02	1.58	1.00	1.06	1.65	2.94	0.73	0.73	1.19	1.39
Os04g0492800	CI013597	Calmodulin (CaM).		1.00	2.76	1.40	0.48	0.46	0.71	1.29	0.83	0.40	0.45	1.00	2.72	0.78	0.44	0.83	1.42	0.57	0.39
Os04g0494100	AB096140	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).		1.00	1.49	3.76	6.81	5.42	0.87	0.48	1.37	1.28	1.33	1.00	4.35	8.00	3.85	0.30	1.55	2.98	2.00
Os04g0494100	AK071013	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).		1.00	1.50	4.31	6.29	5.27	0.83	0.39	1.27	1.24	1.27	1.00	4.18	8.30	3.68	0.32	1.70	2.79	2.10
Os04g0494100	AK104242	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).		1.00	1.58	4.47	6.71	5.73	0.84	0.45	1.41	1.44	1.57	1.00	4.78	8.65	3.79	0.31	1.73	3.37	2.42
Os04g0494100	AK104426	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).		1.00	1.28	3.71	5.59	4.45	0.72	0.49	1.13	1.15	1.32	1.00	3.12	4.96	2.45	0.37	1.45	2.01	1.64
Os04g0504800	AK105555	Poly(A)-binding protein.		1.00	2.12	1.75	1.10	1.08	0.73	0.76	0.58	0.77	0.67	1.00	2.12	1.55	1.18	0.83	0.90	1.08	1.18
Os04g0509500	AK107601	Conserved hypothetical protein.		1.00	1.98	6.68	3.01	1.56	0.96	0.66	2.31	2.33	0.99	1.00	3.07	2.75	2.08	0.56	1.25	1.46	1.24
Os04g0509600	AF001505	Ammonium transporter 1, member 1 (LeAMT1;1).		1.00	1.37	2.84	1.77	1.42	1.08	0.50	1.55	1.75	0.79	1.00	3.44	5.28	3.86	0.90	2.03	2.52	2.04
Os04g0509600	AK073718	Ammonium transporter 1, member 1 (LeAMT1;1).		1.00	1.38	2.88	1.75	1.46	1.06	0.50	1.53	1.72	0.77	1.00	3.55	5.27	4.00	0.88	1.93	2.43	1.93
Os04g0509600	AK105667	Ammonium transporter 1, member 1 (LeAMT1;1).		1.00	1.37	2.84	1.85	1.48	1.06	0.50	1.59	1.69	0.78	1.00	3.52	5.82	4.04	0.93	2.11	2.60	1.99
Os04g0512500	AK107826	Conserved hypothetical protein.		1.00	1.89	2.74	1.86	1.89	0.54	0.64	1.00	0.74	0.51	1.00	2.56	1.53	1.34	0.42	1.26	1.04	0.72
Os04g0514600	Os04g0514600	Disease resistance protein family protein.		1.00	9.83	5.00	2.36	1.91	1.17	4.28	4.69	2.76	1.26	1.00	7.58	2.52	2.32	0.62	2.99	1.84	1.34
Os04g0515900	AK062955	NAM / CUC2-like protein.		1.00	2.15	10.88	1.45	1.00	0.84	0.84	2.11	3.88	0.66	1.00	8.24	3.99	2.15	0.37	6.44	3.52	0.55
Os04g0516800	AK105554	Conserved hypothetical protein.		1.00	1.00	4.45	3.44	1.77	0.30	0.30	0.73	1.25	0.51	1.00	2.16	2.15	2.15	0.49	0.81	1.24	1.19
Os04g0516900	AK108714	Conserved hypothetical protein.		1.00	1.00	4.94	4.33	2.01	0.71	0.71	0.71	3.55	0.47	1.00	2.26	3.60	3.12	0.65	1.54	2.77	1.92
Os04g0517100	AK111798	Myb protein.		1.00	21.96	12.35	4.37	3.10	0.85	7.42	6.53	2.29	2.09	1.00	11.27	3.11	1.83	0.66	5.43	1.64	1.13
Os04g0517100	AY323484	Myb protein.		1.00	21.11	12.71	4.19	3.08	0.87	7.43	6.53	2.34	2.12	1.00	11.84	3.11	1.80	0.66	5.64	1.59	1.10
Os04g0517100	Y11414	Myb protein.		1.00	21.73	13.08	4.21	3.11	0.86	7.34	6.59	2.33	2.17	1.00	11.49	3.04	1.79	0.67	5.82	1.64	1.21
Os04g0524600	AK069437	Oligopeptide transporter OPT superfamily protein.		1.00	1.17	3.25	2.83	1.38	0.95	0.57	1.33	1.84	0.67	1.00	4.78	3.86	2.58	0.68	2.16	1.99	1.21
Os04g0535600	AK065130	Beta-fructofuranosidase 1 precursor (EC 3.2.1.26) (Sucrose-6-phosphate hydrolase 1) (Invertase 1).		1.00	1.00	1.58	5.47	11.29	0.84	0.84	0.84	2.33	10.16	1.00	1.30	1.87	15.60	0.73	0.97	2.91	2.53
Os04g0535600	AK099312	Beta-fructofuranosidase 1 precursor (EC 3.2.1.26) (Sucrose-6-phosphate hydrolase 1) (Invertase 1).		1.00	0.69	1.54	8.28	19.28	0.75	0.75	0.75	4.98	8.06	1.00	2.08	20.94	29.26	0.62	1.64	5.58	4.81
Os04g0538300	CI138288	(No Hit)		1.00	1.87	9.61	2.14	1.12	0.33	0.42	1.79	0.76	0.79	1.00	9.38	0.54	0.53	0.51	3.60	0.40	0.37
Os04g0538400	AK108230	Nodulin 21 (N-21).		1.00	0.69	3.28	0.40	0.30	0.13	0.12	0.09	0.07	0.06	1.00	45.60	0.59	0.29	0.66	7.27	0.39	0.30
Os04g0540900	AK066397	Protein kinase domain containing protein.		1.00	2.44	2.35	1.11	0.82	0.94	0.57	1.30	0.71	0.86	1.00	4.43	2.28	1.28	0.84	7.63	1.09	1.39
Os04g0543100	AK062379	Non-protein coding transcript, unclassifiable transcript.		1.00	2.13	3.29	2.77	1.49	0.73	0.77	1.57	0.96	0.93	1.00	1.85	2.16	1.88	0.45	1.11	1.89	0.86
Os04g0543900	AK065301	Glutamate dehydrogenase 2 (EC 1.4.1.3) (GDH 2).		1.00	8.58	2.00	2.93	2.01	0.78	0.96	1.37	2.75	0.68	1.00	2.57	0.81	1.49	0.65	5.30	1.22	0.36
Os04g0561000	CI125180	MscS Mechanosensitive ion channel family protein.		1.00	0.47	2.04	3.13	0.92	0.64	0.64	0.64	1.55	0.37	1.00	3.45	4.76	2.84	1.57	2.93	2.22	3.81
Os04g0564700	AK111806	Hypothetical protein.		1.00	0.83	1.02	3.04	3.22	1.58	1.53	0.85	2.47	1.49	1.00	2.27	4.64	3.81	0.67	1.41	3.60	1.52
Os04g0565500	AK058888	Amino acid transporter protein-like.		1.00	5.91	3.62	0.91	0.34	0.39	0.64	0.32	0.24	0.28	1.00	6.14	1.12	0.47	0.42	1.38	0.27	0.09
Os04g0565500	AK071118	Amino acid transporter protein-like.		1.00	5.26	3.25	0.95	0.34	0.41	0.66	0.45	0.29	0.22	1.00	5.08	1.20	0.65	0.58	0.99	0.27	0.23
Os04g0565500	AK105902	Amino acid transporter protein-like.		1.00	5.76	3.27	0.68	0.36	0.42	0.82	0.42	0.26	0.08	1.00	6.52	1.24	0.48	0.38	1.02	0.21	0.38
Os04g0568700	AY344483	Heat stress transcription factor Spl7 (Heat shock transcription factor) (Heat shock factor RHSF10).		1.00	2.32	2.15	1.89	1.81	0.75	0.97	1.10	1.18	0.93	1.00	3.95	1.98	2.01	0.77	1.90	1.66	1.56
Os04g0573200	AK110034	Copper/Zinc superoxide dismutase family protein.		1.00	1.32	2.23	2.01	0.95	0.81	0.49	1.49	1.25	0.35	1.00	2.01	3.01	1.80	1.20	1.97	2.89	1.20
Os04g0578000	AK064250	ACC synthase (EC 4.4.1.14).	*OsACS2*	1.00	5.39	9.86	6.99	4.23	1.90	2.28	5.46	4.84	1.78	1.00	11.14	7.11	4.24	0.36	3.14	3.10	2.20
Os04g0578400	AK060559	Beta-ring hydroxylase (Fragment).		1.00	3.10	5.32	2.42	1.85	1.03	1.31	2.87	1.77	1.20	1.00	2.66	1.40	1.27	0.49	1.79	0.96	0.81
Os04g0581100	AK100853	Isopenicillin N synthase family protein.		1.00	1.00	2.42	8.41	12.90	0.12	0.14	0.16	0.93	2.80	1.00	1.49	16.70	13.67	0.31	0.36	2.94	3.29
Os04g0585900	AK070920	Protein of unknown function DUF581 family protein.		1.00	1.11	5.01	0.57	0.72	0.72	1.36	3.67	0.69	0.36	1.00	2.07	0.39	0.21	0.61	2.90	0.39	0.30
Os04g0589400	CI042304	(No Hit)		1.00	1.14	1.82	2.78	1.73	0.79	0.41	0.97	2.05	0.53	1.00	2.63	4.91	4.35	0.68	1.21	2.71	1.89
Os04g0589700	AK070506	U box domain containing protein.		1.00	1.28	1.66	1.71	2.19	0.74	0.74	0.87	0.91	1.04	1.00	2.13	2.03	2.56	0.78	1.17	1.73	1.26
Os04g0594100	AK111960	MYB8.		1.00	0.76	2.58	1.23	0.65	1.02	0.44	1.59	1.12	0.29	1.00	3.61	4.51	1.31	1.05	2.98	1.31	0.90
Os04g0597600	AK070216	Proton-dependent high affinity oligopeptide transporter PepT2.		1.00	28.37	75.70	67.25	20.73	0.75	5.24	33.10	101.82	7.58	1.00	62.07	131.95	15.56	0.68	56.67	41.58	6.99
Os04g0597800	AK101480	Oligopeptide transporter, kidney isoform (Peptide transporter 2) (Kidney H+/peptide cotransporter).		1.00	2.25	19.61	2.76	1.53	1.47	1.36	6.84	3.00	1.61	1.00	23.33	16.70	3.66	1.99	18.40	9.46	3.16
Os04g0597800	AY305030	Oligopeptide transporter, kidney isoform (Peptide transporter 2) (Kidney H+/peptide cotransporter).		1.00	3.68	21.01	9.58	3.75	1.13	2.59	10.44	6.01	2.05	1.00	24.78	32.53	6.22	1.78	21.95	9.60	3.86
Os04g0599100	AK072303	PWWP domain containing protein.		1.00	1.50	3.02	2.06	1.71	0.95	0.56	1.56	1.60	0.81	1.00	3.84	2.89	2.20	0.51	1.64	1.18	1.13
Os04g0600200	AB004864	Alternative oxidase 1c, mitochondrial precursor (EC 1.-.-.-).		1.00	1.49	2.44	1.86	2.18	0.61	0.83	1.78	1.27	1.03	1.00	3.37	2.30	2.27	0.66	2.25	1.70	1.56
Os04g0600200	AK064040	Alternative oxidase 1c, mitochondrial precursor (EC 1.-.-.-).		1.00	1.51	2.46	1.90	2.18	0.62	0.84	1.81	1.28	1.08	1.00	3.35	2.35	2.29	0.64	2.20	1.68	1.78
Os04g0603400	AK107076	Conserved hypothetical protein.		1.00	1.14	9.80	9.87	4.81	1.05	1.59	7.40	3.51	2.40	1.00	9.77	4.49	1.93	0.60	8.07	2.96	1.40
Os04g0609600	AK070129	Protein phosphatase type 2C.		1.00	1.35	2.03	1.44	1.29	1.01	0.58	1.57	1.35	1.15	1.00	2.80	1.93	1.68	0.82	1.79	1.37	1.24
Os04g0610400	AU183275	Pathogenesis-related transcriptional factor and ERF domain containing protein.		1.00	6.45	2.82	1.45	1.20	0.92	2.07	1.49	1.34	0.76	1.00	2.87	1.49	1.34	0.76	1.51	1.05	0.89
Os04g0612500	AK062295	Root-specific protein (RCc2 protein).		1.00	1.29	2.42	2.09	1.01	0.61	0.86	0.80	0.60	0.66	1.00	8.46	3.08	0.35	0.62	1.53	1.04	0.89
Os04g0617400	CI419915	(No Hit)		1.00	13.54	38.98	2.86	9.38	1.15	6.28	26.68	8.43	5.56	1.00	9.54	2.17	1.41	0.18	1.15	0.38	0.39
Os04g0632100	AF403127	S-locus receptor-like kinase RLK13.		1.00	3.09	4.14	1.26	1.47	0.35	0.21	0.86	0.53	0.57	1.00	8.86	2.71	2.56	0.37	1.92	0.65	0.69
Os04g0632100	AK065352	S-locus receptor-like kinase RLK13.		1.00	2.88	4.14	1.00	1.27	0.84	0.84	0.84	1.84	0.99	1.00	4.17	1.58	1.79	0.78	1.27	0.78	0.78
Os04g0633200	Os04g0633200	S-locus glycoprotein family protein.		1.00	1.12	1.28	6.83	10.95	0.71	0.47	0.94	1.47	3.36	1.00	1.35	8.09	8.13	0.81	0.79	2.76	3.06
Os04g0645100	AK100454	TPR-like domain containing protein.		1.00	0.81	1.03	3.17	2.61	1.11	0.43	0.76	2.42	0.91	1.00	1.60	6.59	4.82	0.85	1.27	3.69	2.30
Os04g0649900	AK061488	Uncharacterized plant-specific domain 01627 containing protein.		1.00	1.46	4.50	1.61	1.11	0.90	0.72	2.08	1.64	0.71	1.00	5.42	3.11	1.85	0.90	2.76	1.71	1.06
Os04g0650700	AK058733	L-asparaginase (L-asparagine amidohydrolase).		1.00	1.54	3.29	7.11	6.17	1.21	0.70	2.65	4.44	2.06	1.00	3.37	10.50	7.26	0.40	1.21	2.09	1.77
Os04g0650700	AK061502	L-asparaginase (L-asparagine amidohydrolase).		1.00	2.83	2.30	5.00	5.28	1.13	2.06	4.47	4.69	1.46	1.00	3.32	6.74	8.94	0.65	1.01	2.18	2.98

Os04g0650700	AK121820	L-asparaginase (L-asparagine amidohydrolase).		1.00	1.56	3.39	8.16	6.79	1.27	0.72	2.74	5.27	2.10	1.00	3.74	13.58	7.62	0.38	1.29	2.34	1.95
Os04g0653700	AK062771	Hypothetical protein.		1.00	0.80	1.95	7.30	12.01	0.34	1.61	1.97	4.12	15.33	1.00	1.58	3.45	4.87	0.20	0.51	2.29	2.80
Os04g0659300	AK111969	Protein of unknown function DUF26 domain containing protein.	*OsRLK*	1.00	1.11	18.09	32.21	30.05	0.86	1.18	7.37	22.95	15.30	1.00	29.74	48.26	36.62	0.68	13.50	20.46	13.62
Os04g0659300	AY303697	Protein of unknown function DUF26 domain containing protein.	*OsRLK*	1.00	1.13	15.81	23.95	23.87	0.92	1.45	7.77	21.05	14.38	1.00	19.74	25.80	26.29	0.74	9.95	12.34	10.48
Os04g0662400	AK108652	Auxin responsive SAUR protein family protein.		1.00	2.85	4.06	2.11	2.13	0.40	0.68	0.77	0.40	0.62	1.00	12.84	8.67	1.13	0.90	3.84	1.27	1.20
Os04g0664500	AK109743	Agmatine coumaroyltransferase.		1.00	1.00	66.77	12.44	1.79	1.11	1.11	7.66	8.34	1.91	1.00	58.55	56.38	3.47	1.00	26.07	5.30	1.00
Os04g0664600	Os04g0664600	Agmatine coumaroyltransferase.		1.00	1.07	9.07	3.20	1.09	1.04	1.08	3.36	1.80	1.41	1.00	9.81	10.52	1.56	0.93	3.67	1.88	1.10
Os04g0667200	CI439818	2OG-Fe(II) oxygenase domain containing protein.		1.00	0.79	22.40	1.73	1.00	1.26	1.49	11.52	0.98	0.50	1.00	5.54	1.31	0.68	0.40	9.24	0.95	0.47
Os04g0671200	AK106044	Flavin-containing amine oxidase family protein.		1.00	1.62	2.58	1.65	1.30	0.86	0.55	1.88	1.09	1.25	1.00	3.63	2.11	1.95	0.61	1.84	0.75	1.07
Os04g0672600	AK070283	Leucine-rich repeat, typical subtype containing protein.		1.00	1.90	3.09	2.35	1.33	0.87	0.67	1.87	1.34	0.77	1.00	4.82	3.36	2.41	0.76	1.80	1.68	1.13
Os04g0674800	AK119913	Cellulase (Fragment).		1.00	1.41	8.48	17.19	14.40	0.82	0.98	6.32	6.56	6.21	1.00	7.53	10.97	8.45	0.26	1.49	3.29	2.89
Os04g0677200	AK107505	Leucine-rich repeat, plant specific containing protein.		1.00	1.09	12.18	9.46	9.72	0.96	0.96	2.35	4.88	2.67	1.00	2.94	8.23	7.94	1.05	3.25	4.16	4.85
Os04g0677400	AK069563	Conserved hypothetical protein.		1.00	1.02	1.66	2.84	2.30	0.47	0.54	0.80	0.99	0.53	1.00	2.74	2.35	3.31	0.87	2.47	3.74	1.93
Os04g0685300	AF039532	Harpin-induced 1 domain containing protein.		1.00	6.63	3.05	1.34	1.20	0.78	2.29	1.86	1.25	0.75	1.00	5.45	1.91	1.69	0.78	2.16	1.28	0.98
Os04g0685300	AK070446	Harpin-induced 1 domain containing protein.		1.00	4.81	2.90	1.06	1.00	0.76	1.29	1.27	0.91	0.60	1.00	4.48	1.84	1.84	0.77	3.68	1.06	1.28
Os04g0685300	AK104363	Harpin-induced 1 domain containing protein.		1.00	6.73	3.25	1.30	1.14	0.82	2.27	1.90	1.29	0.81	1.00	5.14	1.81	1.62	0.83	2.17	1.29	1.05
Os04g0685400	AK061257	Harpin-induced 1 domain containing protein.		1.00	1.37	2.52	2.02	1.96	0.75	0.67	1.14	1.43	1.50	1.00	2.90	3.10	2.15	0.89	2.17	1.76	1.78
Os04g0685400	AK069353	Harpin-induced 1 domain containing protein.		1.00	1.37	2.47	2.05	2.01	0.73	0.63	1.12	1.39	1.50	1.00	2.70	3.03	2.21	0.88	2.18	1.83	1.81
Os04g0685400	AK103610	Harpin-induced 1 domain containing protein.		1.00	1.36	2.45	2.21	2.06	0.73	0.69	1.15	1.37	1.44	1.00	2.95	3.12	2.25	0.92	2.36	1.87	1.93
Os04g0685700	CI550567	Conserved hypothetical protein.		1.00	3.38	3.05	1.67	1.49	0.73	1.35	1.97	1.66	0.93	1.00	2.89	1.54	1.29	0.65	1.90	0.83	0.71
Os04g0686000	AK108418	U box domain containing protein.		1.00	16.21	7.43	3.45	3.00	1.03	5.18	3.20	4.18	2.41	1.00	29.05	1.55	3.83	2.32	13.73	5.78	5.01
Os04g0688100	AF019743	Anionic peroxidase precursor.		1.00	0.89	2.23	2.94	1.58	0.37	0.31	0.42	1.02	0.42	1.00	5.10	23.57	12.14	1.27	2.81	5.30	2.79
Os04g0688100	AK060789	Anionic peroxidase precursor.		1.00	0.90	2.21	2.80	1.67	0.37	0.33	0.43	1.05	0.48	1.00	4.97	20.07	10.40	1.26	2.76	4.87	2.94
Os04g0688100	AK102307	Anionic peroxidase precursor.		1.00	0.93	2.25	2.94	1.67	0.36	0.33	0.42	1.03	0.45	1.00	4.81	19.93	10.46	1.26	2.81	5.11	2.91
Os04g0688100	AK104833	Anionic peroxidase precursor.		1.00	0.83	2.11	2.76	1.46	0.37	0.28	0.39	0.96	0.39	1.00	5.04	24.08	11.85	1.27	2.79	5.22	2.74
Os04g0690800	AK071638	22 kDa protein of photosystem II.		1.00	0.87	1.55	2.82	1.97	0.85	0.93	0.93	1.12	1.39	1.00	1.53	2.51	1.31	0.61	0.95	1.40	1.02
Os04g0690800	D84392	22 kDa protein of photosystem II.		1.00	0.80	3.23	2.47	1.93	0.86	0.94	0.97	1.56	1.35	1.00	1.90	2.23	0.87	0.39	0.65	0.54	0.61
Os04g0691400	CI144524	TGF-beta receptor, type I/II extracellular region family protein.		1.00	2.60	11.32	4.43	1.00	1.12	1.12	10.03	2.13	0.89	1.00	17.62	13.19	3.38	1.84	25.00	0.68	1.84
Os04g0691800	CI312306	C2 domain containing protein.		1.00	1.52	2.37	1.69	1.33	0.45	0.27	0.74	0.76	0.34	1.00	5.00	3.53	2.75	0.55	2.04	1.55	0.98
Os05g0100600	AK064514	Potential phospholipid-transporting ATPase 10 (EC 3.6.3.1) (Aminophospholipid flippase 10).		1.00	2.96	4.65	4.03	2.93	1.07	0.98	2.77	3.82	1.33	1.00	9.31	9.39	7.56	0.80	3.63	5.52	3.63
Os05g0100600	AK100999	Potential phospholipid-transporting ATPase 10 (EC 3.6.3.1) (Aminophospholipid flippase 10).		1.00	4.05	2.92	4.39	3.03	1.01	0.61	2.11	2.16	0.54	1.00	3.23	4.70	4.76	1.08	1.61	2.44	1.55
Os05g0104300	Os05g0104300	Leucine-rich repeat, plant specific containing protein.		1.00	1.12	1.95	2.27	2.31	0.80	0.66	1.32	1.47	0.89	1.00	2.79	2.29	2.22	0.75	1.51	1.54	1.46
Os05g0104600	Os05g0104600	Leucine-rich repeat, plant specific containing protein.		1.00	1.63	10.36	9.99	9.24	1.60	1.18	7.05	8.62	3.63	1.00	4.62	2.95	3.01	0.49	2.61	2.31	1.93
Os05g0104700	AK108676	Leucine-rich repeat, plant specific containing protein.		1.00	1.65	13.55	14.00	12.49	1.37	0.83	7.21	7.84	3.35	1.00	6.24	3.89	3.81	0.39	3.23	2.63	1.97
Os05g0110000	AK067181	Zn-finger, RING domain containing protein.		1.00	4.65	2.40	1.77	1.24	0.85	1.42	1.36	1.29	0.59	1.00	3.27	2.58	2.00	0.84	2.08	1.48	1.13
Os05g0127300	AK106429	Cytokinin-regulated kinase 1.		1.00	3.82	1.92	1.16	0.91	0.70	1.14	0.96	1.00	0.41	1.00	4.36	2.68	2.45	0.72	1.38	1.22	0.97
Os05g0127300	AK121766	Cytokinin-regulated kinase 1.		1.00	3.44	1.96	1.16	0.85	0.67	1.03	0.93	0.83	0.38	1.00	4.08	2.50	2.12	0.68	1.38	1.16	1.01
Os05g0127500	AK068517	Leucoanthocyanidin dioxygenase-like protein.		1.00	1.68	5.48	0.68	0.67	0.95	0.95	1.79	0.47	0.21	1.00	5.51	3.41	0.31	1.64	4.72	0.83	0.34
Os05g0128200	AK099898	Transposable element Mu1 sequence.		1.00	8.52	4.18	1.86	1.32	0.85	2.45	2.04	1.53	0.75	1.00	6.52	2.32	1.68	0.82	3.52	1.59	1.19
Os05g0128200	AK105767	Transposable element Mu1 sequence.		1.00	6.06	3.26	1.83	1.38	0.93	2.30	1.84	1.84	0.78	1.00	4.64	2.17	1.72	1.01	2.94	1.67	1.34
Os05g0129300	AK065180	Basic/leucine zipper protein.		1.00	2.14	3.13	2.40	1.84	0.93	1.04	1.67	1.66	0.98	1.00	3.43	1.73	1.64	0.63	2.00	1.12	0.85
Os05g0132700	CI562776	Typical P-type R2R3 Myb protein (Fragment).		1.00	5.39	14.57	2.29	1.00	1.56	1.46	8.16	1.52	0.79	1.00	32.77	3.72	2.25	0.72	7.49	2.42	0.86
Os05g0134400	AK061809	Haem peroxidase, plant/fungal/bacterial family protein.		1.00	1.20	4.57	1.45	0.86	0.62	0.44	2.23	0.94	0.45	1.00	8.52	3.65	1.38	1.25	3.86	1.13	0.63
Os05g0134400	AK119205	Haem peroxidase, plant/fungal/bacterial family protein.		1.00	1.16	4.19	1.32	0.83	0.59	0.43	1.91	0.84	0.39	1.00	8.50	3.32	1.19	1.47	4.50	1.24	0.71
Os05g0134400	AK122031	Haem peroxidase, plant/fungal/bacterial family protein.		1.00	1.29	3.30	1.31	0.84	0.72	0.59	1.90	1.07	0.61	1.00	5.38	3.35	1.18	1.06	2.88	1.26	0.70
Os05g0149400	AK061064	1-aminocyclopropane-1-carboxylate oxidase.	*OsACO5*	1.00	2.59	13.60	2.46	0.73	0.40	0.40	1.45	1.15	0.40	1.00	7.08	1.77	0.55	0.16	6.45	0.35	0.24
Os05g0156500	AK062718	Apobec-1 binding protein 2.		1.00	1.01	3.27	2.55	1.24	0.92	0.74	1.40	2.12	1.19	1.00	4.17	3.19	1.43	0.69	2.28	2.00	1.27
Os05g0161800	CI236301	(No Hit)		1.00	2.33	26.73	2.03	1.00	0.52	1.08	0.88	1.29	1.13	1.00	9.35	26.63	1.64	5.40	54.43	15.40	4.09
Os05g0163900	AK110619	Basic helix-loop-helix dimerisation region bHLH domain containing protein.		1.00	2.21	27.99	8.10	1.00	1.10	1.10	9.94	14.73	2.31	1.00	43.56	15.18	0.84	0.96	14.18	8.11	1.17
Os05g0165900	AK103089	Protein kinase domain containing protein.		1.00	2.57	5.49	2.35	1.23	0.77	1.22	4.74	1.51	1.03	1.00	5.53	2.03	1.33	0.83	4.55	1.41	0.84
Os05g0186300	AK071155	NADP-malic enzyme.		1.00	2.09	10.63	2.27	1.05	0.73	0.63	5.19	1.47	0.54	1.00	11.30	1.70	0.74	0.54	5.70	1.03	0.39
Os05g0186300	AK099249	NADP-malic enzyme.		1.00	2.21	13.44	2.37	1.10	0.76	0.68	5.60	1.55	0.57	1.00	13.39	1.90	0.84	0.52	6.27	1.04	0.40
Os05g0186300	AY435404	NADP-malic enzyme.		1.00	2.18	11.98	2.24	1.00	0.75	0.60	4.94	1.51	0.52	1.00	12.52	1.81	0.79	0.54	5.93	1.05	0.40
Os05g0194900	AK071798	Pyrophosphate-fructose-6-phosphate 1-phosphotransferase-like protein.		1.00	2.79	6.19	2.14	1.67	0.78	0.90	3.65	1.54	0.66	1.00	3.43	1.71	1.37	0.57	2.23	0.87	0.69
Os05g0223000	AK071661	Calmodulin-related protein 2, touch-induced.		1.00	4.72	4.12	2.37	2.42	1.09	2.33	3.18	2.18	2.22	1.00	3.90	1.48	1.50	0.73	2.31	1.32	1.47
Os05g0228000	AK064229	Purine and other phosphorylases, family 1 protein.		1.00	1.35	14.55	14.48	9.28	0.77	0.81	6.15	6.44	4.33	1.00	14.24	10.95	5.31	0.42	7.16	3.79	2.47
Os05g0228000	AK101642	Purine and other phosphorylases, family 1 protein.		1.00	1.30	15.35	13.72	9.42	0.77	0.81	6.09	6.30	4.45	1.00	13.80	9.70	5.21	0.40	6.07	3.35	2.36
Os05g0231700	AK072531	Tonoplast membrane integral protein ZmTIP4-2.		1.00	1.00	5.97	1.77	1.91	1.28	1.28	2.30	4.86	1.98	1.00	8.21	1.97	2.43	0.82	6.59	1.64	1.20
Os05g0241100	AK120403	Leucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.4) (Leucine--tRNA ligase) (LeuRS).		1.00	2.48	2.10	2.07	1.99	0.89	0.79	2.29	2.01	0.99	1.00	2.39	1.76	2.94	0.95	1.82	1.53	1.34
Os05g0247800	AK073843	Glycoside hydrolase, family 18 protein.		1.00	1.26	9.49	11.23	13.43	0.89	1.32	4.20	8.87	7.25	1.00	6.54	6.48	4.99	0.39	3.81	4.06	3.33
Os05g0257100	AK067464	Leucine-rich repeat, plant specific containing protein.		1.00	31.73	11.38	2.62	1.00	1.11	4.98	3.40	9.60	0.47	1.00	17.72	0.85	3.60	1.02	8.96	1.88	1.02
Os05g0257100	AK101696	Leucine-rich repeat, plant specific containing protein.		1.00	1.11	6.61	1.75	0.70	0.62	0.32	3.64	0.86	0.60	1.00	10.66	3.84	1.19	0.70	6.93	2.68	0.99
Os05g0261700	AK106224	Leucine-rich repeat, plant specific containing protein.		1.00	1.72	7.31	9.62	5.93	1.17	0.89	4.30	5.08	2.70	1.00	4.93	1.66	2.18	0.38	2.50	1.70	1.06
Os05g0279900	Os05g0279900	Polygalacturonase A (Fragment).		1.00	1.11	2.04	1.61	1.26	0.66	0.89	0.79	0.78	0.68	1.00	2.55	4.60	1.18	1.07	1.92	1.08	1.16
Os05g0320700	AK100598	Trans-cinnamate 4-monooxygenase (EC 1.14.13.11) (Cinnamic acid 4- hydroxylase).		1.00	0.85	2.85	1.05	0.69	1.22	4.32	1.13	0.69	0.67	1.00	4.92	1.54	1.54	1.25	3.35	1.00	0.43
Os05g0320700	AK104994	Trans-cinnamate 4-monooxygenase (EC 1.14.13.11) (Cinnamic acid 4- hydroxylase).		1.00	0.95	3.07	1.18	0.83	1.33	5.39	1.33	0.76	0.75	1.00	4.36	1.68	1.91	1.32	4.55	1.14	0.55
Os05g0321900	CI429638	(No Hit)		1.00	5.65	27.40	3.17	1.19	1.10	1.39	3.91	7.65	1.92	1.00	25.75	7.43	2.06	1.01	8.09	1.88	1.25
Os05g0322900	AK063697	WRKY transcription factor 45.	*OsWRKY45*	1.00	4.12	2.43	3.28	1.60	0.51	2.01	1.14	1.83	2.35	1.00	1.38	2.71	0.92	0.41	0.90	0.83	1.04
Os05g0322900	AK066255	WRKY transcription factor 45.	*OsWRKY45*	1.00	2.17	2.16	2.62	1.71	0.29	0.48	0.34	1.16	1.31	1.00	1.38	5.32	2.49	0.18	0.45	0.72	0.75
Os05g0322900	AK103959	WRKY transcription factor 45.	*OsWRKY45*	1.00	2.24	2.05	2.48	1.65	0.30	0.49	0.32	1.21	1.34	1.00	1.27	5.58	2.39	0.16	0.39	0.68	0.63
Os05g0322900	AK105939	WRKY transcription factor 45.	*OsWRKY45*	1.00	2.26	2.17	2.33	1.54	0.39	0.67	0.51	1.24	1.46	1.00	1.33	3.79	1.79	0.25	0.59	0.80	0.74
Os05g0323800	AK101553	ABC-1 domain containing protein.		1.00	0.90	2.02	2.31	1.80	0.94	0.55	1.25	1.61	0.87	1.00	2.12	2.84	1.89	0.67	1.41	1.71	1.28
Os05g0343400	AK121190	WRKY transcription factor 53 (Transcription factor WRKY12).	*OsWRKY53*	1.00	6.47	5.41	2.79	1.87	0.77	1.47	2.52	2.15	0.84	1.00	5.76	3.53	2.95	0.82	3.40	2.09	1.51
Os05g0343400	AY676929	WRKY transcription factor 53 (Transcription factor WRKY12).		1.00	4.67	4.40	2.30	1.69	0.79	1.52	2.55	1.84	0.93	1.00	3.76	2.30	1.99	0.83	2.38	1.56	1.29
Os05g0368000	Os05g0368000	Conserved hypothetical protein.		1.00	2.28	5.78	3.53	1.62	0.32	0.81	1.67	2.26	1.53	1.00	3.07	3.30	1.55	0.23	1.10	0.69	0.41
Os05g0372900	AK072757	Conserved hypothetical protein.		1.00	14.95	12.02	3.59	3.56	2.38	7.40	16.42	5.47	6.16	1.00	38.86	7.29	1.50	1.00	13.16	2.89	1.00
Os05g0374200	CI138675	FAD linked oxidase, N-terminal domain containing protein.		1.00	0.84	0.94	2.10	1.50	0.36	0.73	0.79	0.87	0.99	1.00	0.61	2.48	1.64	0.74	0.64	1.29	0.90
Os05g0384300	AK107183	Peptidase aspartic family protein.		1.00	1.78	2.12	1.32	1.11	0.85	0.87	1.49	1.27	1.31	1.00	3.40	0.84	0.96	0.71	2.84	0.80	0.59
Os05g0389800	AK108808	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.		1.00	2.21	3.33	0.96	0.67	0.81	0.57	0.93	0.60	0.45	1.00	5.41	2.56	1.80	1.19	1.95	1.19	1.19
Os05g0391600	AK110377	Protein of unknown function DUF563 family protein.		1.00	0.59	1.02	2.03	1.03	0.53	0.29	0.59	0.84	0.48	1.00	1.11	3.29	1.48	0.54	0.80	1.54	0.99
Os05g0392700	AK104407	Mitochondrial substrate carrier family protein.		1.00	3.24	12.59	6.12	3.46	0.99	1.49	8.40	2.53	2.09	1.00	9.85	3.77	1.80	0.94	7.90	2.27	1.74
Os05g0399800	CI466826	(No Hit)		1.00	22.49	41.65	15.72	3.47	0.62	6.22	11.89	4.90	1.98	1.00	32.36	10.55	3.96	0.16	7.33	2.74	1.10
Os05g0399800	CI486497	(No Hit)		1.00	65.23	37.42	10.64	3.33	0.57	4.71	4.22	4.19	2.31	1.00	24.98	7.68	4.30	0.27	7.11	2.18	0.93
Os05g0403000	CI389099	(No Hit)		1.00	2.11	6.37	3.97	2.11	0.88	0.91	3.65	3.41	1.27	1.00	4.35	2.67	1.84	0.64	3.18	1.85	1.24
Os05g0423500	AK066000	Protein kinase domain containing protein.		1.00	1.57	5.40	2.41	1.37	0.89	0.66	3.28	2.33	1.10	1.00	7.24	3.33	2.27	0.88	3.75	2.63	2.05
Os05g0427200	AK106896	Glycosyl transferase, family 31 protein.		1.00	1.56	2.01	2.59	1.51	0.86	0.63	1.46	1.58	0.69	1.00	2.98	2.06	1.74	0.87	1.57	1.40	0.87
Os05g0427400	CI551987	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1.00	3.95	28.86	7.84	1.87	1.01	1.69	11.85	3.88	0.75	1.00	61.35	37.29	4.65	0.66	20.13	6.02	1.80
Os05g0428600	AK106696	HSP70 precursor.		1.00	1.00	6.86	3.95	1.00	1.11	1.11	1.16	1.30	0.34	1.00	4.90	1.78	1.00	1.01	1.01	1.01	1.01
Os05g0429900	AK066834	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).		1.00	12.14	1.66	0.53	0.51	0.73	7.54	0.80	0.35	0.32	1.00	3.14	0.43	0.29	1.51	1.86	0.64	0.29
Os05g0429900	AK104053	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).		1.00	12.92	1.78	0.47	0.40	0.77	7.75	0.77	0.35	0.25	1.00	2.56	0.43	0.23	1.31	1.52	0.61	0.26
Os05g0429900	D88617	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).		1.00	12.99	1.54	0.57	0.40	0.82	7.19	0.70	0.42	0.31	1.00	3.27	0.37	0.24	1.33	1.50	0.53	0.35
Os05g0442400	AK107134	Transcription factor MYBS3.		1.00	1.93	7.49	1.00	1.00	0.95	0.95	1.29	0.50	0.59	1.00	5.89	1.31	1.00	0.69	4.14	0.69	0.27
Os05g0444200	AK102658	Zn-finger, C2H2 type domain containing protein.		1.00	1.93	2.00	2.22	2.22	0.78	1.11	1.16	1.22	1.11	1.00	2.54	2.20	2.06	0.55	0.88	1.01	0.95
Os05g0445100	AK105131	Cytochrome P450 family protein.		1.00	7.62	13.54	2.04	1.00	1.02	1.02	1.02	5.14	1.54	1.00	14.11	8.24	4.14	1.01	5.97	1.86	0.51
Os05g0451100	AK120548	General substrate transporter family protein.		1.00	1.68	3.48	1.47	0.85	1.00	0.77	2.25	1.21	0.68	1.00	3.97	2.47	1.47	0.71	2.07	1.65	1.09
Os05g0453700	AB110169	Universal stress protein (Usp) family protein.		1.00	1.73	3.97	1.66	1.20	0.99	1.33	1.97	1.27	1.28	1.00	2.91	0.45	0.40	0.66	2.18	0.62	0.47
Os05g0453700	AK063881	Universal stress protein (Usp) family protein.		1.00	1.76	3.94	1.66	1.21	1.00	1.32	1.94	1.30	1.27	1.00	2.94	0.46	0.42	0.66	2.17	0.64	0.46
Os05g0457800	CI447081	Phospholipid/glycerol acyltransferase family protein.		1.00	3.02	1.85	0.72	0.51	0.47	0.55	0.80	0.42	0.21	1.00	2.44	1.24	0.96	0.73	0.95	0.60	0.44
Os05g0462400	AK099608	Lipin, N-terminal conserved region domain containing protein.		1.00	3.43	3.02	2.53	2.18	0.92	1.73	3.04	2.96	0.76	1.00	2.85	1.12	2.12	1.09	2.51	1.26	0.85
Os05g0469600	D10413	Pyruvate decarboxylase isozyme 1 (EC 4.1.1.1) (PDC).		1.00	1.40	2.53	1.14	0.87	0.70	0.38	1.00	0.74	0.39	1.00	2.01	1.79	1.43	0.51	1.05	0.60	0.61
Os05g0469600	U07339	Pyruvate decarboxylase isozyme 1 (EC 4.1.1.1) (PDC).		1.00	1.37	2.25	1.23	1.00	0.60	0.33	0.96	0.84	0.31	1.00	2.20	2.21	2.04	0.58	1.70	0.76	0.62
Os05g0473000	CI548947	Bet v I allergen family protein.		1.00	1.47	2.38	1.03	0.89	0.67	0.78	1.17	0.80	0.66	1.00	2.31	1.06	0.71	0.72	1.24	0.57	0.61
Os05g0473500	AK059362	Exo70 exocyst complex subunit family protein.		1.00	3.19	2.92	1.33	1.14	0.78	1.31	1.84	1.11	0.84	1.00	3.65	1.88	1.84	0.85	2.31	1.31	1.09
Os05g0473500	AK101630	Exo70 exocyst complex subunit family protein.		1.00	3.23	2.97	1.28	1.09	0.76	1.28	1.71	1.11	0.84	1.00	3.50	1.91	1.83	0.86	2.29	1.36	1.10
Os05g0474800	AK119867	WRKY transcription factor 70.		1.00	78.82	83.63	26.66	12.39	1.19	19.28	31.45	9.66	2.05	1.00	33.56	12.44	5.71	0.39	15.18	2.69	0.99
Os05g0476700	AK099529	U box domain containing protein.		1.00	9.22	3.60	1.53	1.28	1.05	3.44	1.63	1.32	0.81	1.00	10.24	3.71	2.32	0.90	3.99	1.71	1.23
Os05g0476700	AY224537	U box domain containing protein.		1.00	8.90	3.90	1.72	1.59	1.06	3.47	1.78	1.77	0.93	1.00	10.62	3.60	2.82	1.09	4.59	2.04	1.48
Os05g0495300	AK120354	Hypothetical protein.		1.00	1.80	1.93	2.62	1.71	1.08	1.17	2.40	2.45	0.84	1.00	5.23	2.16	3.60	1.37	3.90	2.56	1.25
Os05g0501400	AK110116	Receptor-like protein kinase 5.		1.00	0.94	4.38	3.66	0.97	0.82	0.55	2.55	1.67	0.72	1.00	13.62	8.39	2.70	0.55	4.76	2.57	0.77
Os05g0506000	AK062012	MS5-like protein (Fragment).		1.00	1.45	7.46	4.55	3.73	1.01	1.84	4.87	1.75	3.62	1.00	7.39	3.59	2.17	0.51	6.28	2.93	2.21
Os05g0506000	AK098900	MS5-like protein (Fragment).		1.00	1.48	7.87	4.58	3.71	1.08	1.97	4.94	2.03	4.08	1.00	6.56	3.42	2.10	0.51	6.06	3.19	2.39
Os05g0506000	AK122090	MS5-like protein (Fragment).		1.00	1.59	7.69	4.60	3.64	1.05	1.92	4.75	2.05	3.73	1.00	7.00	3.35	2.07	0.46	4.99	2.60	1.92
Os05g0507300	AK060834	Calreticulin 3 precursor.		1.00	1.00	3.10	7.63	2.45	1.14	1.24	1.78	3.45	1.90	1.00	2.12	2.36	0.80	0.48	1.23	1.72	0.79
Os05g0519000	CI028715	VQ domain containing protein.		1.00	1.48	3.74	2.50	1.50	0.99	0.84	1.73	2.16	0.75	1.00	4.13	3.67	2.01	0.58	1.92	1.81	1.11
Os05g0521600	AK063238	Pectinesterase family protein.		1.00	3.63	5.92	0.87	0.49	1.01	1.73	4.19	0.71	0.65	1.00	8.20	0.71	0.36	0.83	4.71	0.62	0.58
Os05g0522600	AK072881	Leucine-rich repeat, plant specific containing protein.		1.00	1.95	4.65	1.81	1.37	1.33	0.59	3.07	1.65	1.27	1.00	4.44	4.10	2.39	0.69	2.78	3.09	1.73
Os05g0522600	AK100082	Leucine-rich repeat, plant specific containing protein.		1.00	3.81	6.19	4.13	3.20	1.30	1.56	4.52	5.13	1.76	1.00	5.72	4.86	4.45	0.66	3.54	3.22	2.50
Os05g0526700	AK108457	Harpin-induced 1 domain containing protein.		1.00	1.00	3.44	39.43	50.67	1.11	1.11	1.11	31.43	40.67	1.00	6.82	40.87	38.56	1.00	2.47	35.49	25.01
Os05g0527000	CI004090	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	1.70	5.00	5.70	8.04	1.42	1.43	4.02	3.90	3.43	1.00	3.66	3.74	6.99	0.65	3.44	3.66	4.60
Os05g0531000	AK120442	Conserved hypothetical protein.		1.00	5.40	2.29	1.69	1.52	1.54	2.46	1.29	1.07	1.55	1.00	2.55	1.30	0.96	0.58	0.94	0.52	0.71
Os05g0537100	CI430861	WRKY transcription factor 10.		1.00	6.50	12.50	4.52	2.38	0.95	2.89	10.37	5.35	1.97	1.00	6.78	2.56	1.18	0.59	6.17	2.73	1.39
Os05g0542800	AK071271	Glycoside hydrolase, family 28 protein.		1.00	1.37	11.34	9.75	5.94	1.25	1.18	6.86	8.24	2.89	1.00	10.56	4.47	4.33	0.57	5.32	3.45	2.11
Os05g0542800	AK105858	Glycoside hydrolase, family 28 protein.		1.00	1.46	11.31	9.69	5.95	1.21	1.14	6.96	7.71	2.84	1.00	10.10	4.45	4.23	0.58	5.63	3.43	2.08
Os05g0542800	AK106049	Glycoside hydrolase, family 28 protein.		1.00	1.42	11.27	9.75	6.18	1.22	1.14	6.85	7.86	2.71	1.00	10.35	4.39	4.33	0.58	5.43	3.19	2.10
Os05g0545300	AK109702	Protein kinase domain containing protein.		1.00	33.90	33.05	6.76	7.64	1.12	2.38	3.46	4.83	5.66	1.00	30.60	14.14	6.97	0.35	8.17	1.86	0.35
Os05g0545400	AK105946	Protein kinase domain containing protein.		1.00	4.70	2.75	1.79	2.04	0.83	1.85	1.03	1.30	0.98	1.00	3.66	2.33	1.86	0.64	0.94	1.07	0.79
Os05g0546300	AK108536	Conserved hypothetical protein.		1.00	3.15	21.03	4.06	2.01	0.84	1.68	10.39	3.31	2.10	1.00	5.96	4.87	2.37	0.80	4.72	2.11	2.37
Os05g0549300	AK064256	Conserved hypothetical protein.		1.00	2.59	6.64	3.11	1.96	1.11	1.32	1.68	2.40	1.50	1.00	11.56	3.90	2.41	0.53	3.22	2.43	1.47
Os05g0550800	CI446054	Protein kinase domain containing protein.		1.00	1.67	5.25	4.84	3.92	1.00	0.90	2.88	4.26	1.71	1.00	8.76	9.12	7.91	0.71	4.78	4.44	3.33
Os05g0552700	AK108674	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	0.63	2.71	5.55	1.26	0.27	0.11	0.28	0.36	0.10	1.00	11.79	8.44	2.59	0.76	7.38	8.92	2.07
Os05g0552800	CI544010	Conserved hypothetical protein.		1.00	31.07	43.59	9.03	3.91	0.92	17.79	20.35	3.07	2.83	1.00	31.67	3.88	1.58	0.56	17.67	2.26	1.47
Os05g0560900	AK063973	Gibberellin 2-beta-dioxygenase (EC 1.14.11.13) (Gibberellin 2-beta- hydroxylase) (Gibberellin 2-oxidase).		1.00	0.97	4.63	1.29	0.44	0.47	0.59	1.71	1.02	0.61	1.00	15.19	2.61	1.14	0.75	6.41	1.25	0.79
Os05g0569300	AK065440	G-box binding factor 1.		1.00	1.35	2.73	2.72	1.89	1.00	0.88	1.50	1.46	0.84	1.00	3.76	1.63	0.96	0.40	1.60	0.77	0.46
Os05g0583000	AK109568	WRKY transcription factor 34.		1.00	2.48	6.23	6.68	5.84	0.60	0.60	1.07	2.21	4.64	1.00	9.69	12.70	12.98	1.09	5.85	7.18	4.16
Os05g0584400	AK106631	Conserved hypothetical protein.		1.00	1.04	2.08	1.76	1.53	0.49	0.48	1.25	1.00	0.70	1.00	3.05	2.48	2.34	0.68	1.14	1.40	1.37
Os05g0584600	AK072537	AAA ATPase, central region domain containing protein.		1.00	1.30	2.16	1.26	1.40	0.69	0.22	0.92	0.93	0.44	1.00	3.80	2.49	1.33	0.24	0.77	0.47	0.32
Os05g0584900	AK105309	Conserved hypothetical protein.		1.00	7.98	4.89	2.80	2.95	1.30	3.54	3.02	3.26	2.18	1.00	7.02	6.38	4.03	0.26	0.56	1.70	0.99
Os05g0586200	AK071721	GH3 auxin-responsive promoter family protein.		1.00	1.21	7.96	3.29	3.12	1.06	0.73	3.19	2.02	1.40	1.00	20.66	12.21	9.25	1.19	14.53	5.89	3.85
Os06g0130900	AF093633	Histone H3.3.		1.00	1.24	2.53	1.88	1.81	0.80	0.96	1.51	0.92	1.02	1.00	2.30	1.25	1.22	0.55	1.23	0.68	0.71
Os06g0137700	AK073547	GDP-mannose 4,6 dehydratase 1 (EC 4.2.1.47) (GDP-D-mannose dehydratase 1) (GMD 1).		1.00	1.17	2.45	3.53	2.18	1.50	0.86	1.32	2.74	1.06	1.00	3.65	6.21	3.36	0.73	1.72	3.09	1.76
Os06g0145600	AK106249	Transferase family protein.		1.00	0.96	2.76	2.95	2.05	0.55	0.46	0.83	0.76	0.60	1.00	2.72	1.17	1.23	0.70	1.27	0.77	0.68
Os06g0157000	AK066113	Lipolytic enzyme, G-D-S-L family protein.		1.00	1.36	4.12	1.35	0.96	0.40	0.25	1.02	0.63	0.44	1.00	7.90	2.99	1.05	0.64	2.39	1.03	0.52
Os06g0158100	AY676932	WRKY transcription factor 63.		1.00	5.26	8.44	2.23	1.44	1.05	1.52	3.72	1.72	1.23	1.00	5.53	2.64	1.43	0.53	2.36	2.06	1.14
Os06g0164400	CI556798	Basic helix-loop-helix dimerisation region bHLH domain containing protein.		1.00	1.73	2.03	0.60	0.63	0.38	0.50	0.57	0.34	0.32	1.00	2.42	0.70	0.34	0.58	0.93	0.49	0.47
Os06g0165800	AK065744	Caffeoyl-CoA O-methyltransferase 5 (EC 2.1.1.104) (Trans-caffeoyl-CoA 3-O-methyltransferase 5).		1.00	0.72	4.63	3.21	1.42	1.07	1.11	2.27	1.91	1.53	1.00	4.82	2.82	0.95	0.59	2.47	1.20	0.74
Os06g0172800	CI545234	Seed imbibition protein (Fragment).		1.00	0.98	4.45	6.86	4.58	1.15	0.72	1.80	5.10	2.36	1.00	7.73	4.39	3.23	0.60	4.32	2.20	0.92
Os06g0185300	Os06g0185300	Transferase family protein.		1.00	1.24	6.72	4.95	3.10	1.08	1.10	2.70	3.38	2.34	1.00	10.31	7.44	3.30	0.77	4.49	5.76	3.36
Os06g0185500	C97337	Transferase family protein.		1.00	1.02	3.59	1.79	1.52	0.95	0.99	1.66	1.12	0.39	1.00	53.44	10.58	3.36	1.23	13.01	12.43	4.91
Os06g0194900	AK072074	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		1.00	0.88	2.27	4.53	2.77	1.31	0.60	1.30	3.34	1.08	1.00	2.61	3.80	2.38	0.79	2.23	2.38	1.40
Os06g0194900	AK098923	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		1.00	0.93	2.63	5.93	3.20	1.41	0.57	1.28	4.53	1.08	1.00	3.24	6.45	3.66	0.68	1.99	3.06	1.51
Os06g0194900	AK100546	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		1.00	0.89	2.29	5.62	3.00	1.38	0.57	1.20	4.26	1.08	1.00	3.13	6.39	3.69	0.66	1.91	2.90	1.42
Os06g0194900	AK119193	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		1.00	0.88	2.31	5.68	2.95	1.44	0.56	1.19	4.42	1.02	1.00	3.26	6.48	3.57	0.66	2.02	2.99	1.47
Os06g0194900	D29732	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		1.00	0.96	2.68	6.52	3.35	1.48	0.59	1.34	5.05	1.09	1.00	3.70	7.66	4.25	0.68	2.01	3.41	1.66
Os06g0194900	Z15028	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		1.00	0.90	2.57	5.82	3.10	1.43	0.58	1.31	4.83	1.02	1.00	3.42	7.14	3.87	0.67	1.95	3.40	1.51
Os06g0195800	AK111076	Conserved hypothetical protein.		1.00	1.79	1.93	3.40	5.01	0.62	1.27	1.24	1.93	2.11	1.00	5.93	3.13	2.06	1.02	3.25	1.02	1.02
Os06g0200700	AK106950	Conserved hypothetical protein.		1.00	5.39	2.84	2.30	2.38	0.94	2.05	2.91	2.83	1.46	1.00	2.49	1.03	2.24	0.45	0.86	0.60	0.62
Os06g0202900	AK109607	Avr9/Cf-9 rapidly elicited protein 264.		1.00	28.43	35.04	10.16	3.83	1.10	8.51	20.89	7.14	2.22	1.00	42.71	9.91	4.25	0.74	37.12	5.13	2.43
Os06g0203200	AK106056	Flavin-containing monooxygenase FMO family protein.		1.00	2.90	8.53	10.87	3.71	1.56	1.32	10.65	10.43	3.63	1.00	7.77	5.11	4.54	0.72	2.07	2.29	1.25
Os06g0211700	CI369772	Xyloglucan fucosyltransferase family protein.		1.00	0.86	1.30	1.49	2.01	0.65	0.36	0.43	1.03	1.15	1.00	1.33	7.07	5.73	2.42	0.87	3.51	5.19
Os06g0225300	AK100258	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor (EC 2.7.1.37) .		1.00	2.46	3.35	2.15	1.64	0.88	1.22	2.65	1.86	1.34	1.00	5.90	2.41	1.69	0.52	2.47	1.34	1.07
Os06g0225800	AK109730	Shikimate kinase domain containing protein.		1.00	6.98	9.17	4.72	2.75	1.21	3.48	7.40	3.00	1.96	1.00	13.07	4.74	2.73	0.73	6.17	3.10	1.81
Os06g0238000	CI367353	U box domain containing protein.		1.00	2.40	2.73	2.33	2.06	0.75	1.02	1.22	1.63	0.80	1.00	5.28	4.76	4.59	0.75	1.52	2.18	1.63
Os06g0239200	CI242777	Conserved hypothetical protein.		1.00	6.28	3.93	4.72	8.09	1.11	2.42	3.27	3.56	3.45	1.00	3.35	2.40	4.15	0.62	1.12	1.55	2.46
Os06g0247900	AK065325	Endo-beta-1,4-glucanase precursor (EC 3.2.1.4).		1.00	2.99	1.72	0.99	0.57	0.93	1.38	1.15	0.99	0.57	1.00	4.64	2.31	1.24	1.49	2.80	1.48	0.94
Os06g0248500	Os06g0248500	U box domain containing protein.		1.00	16.62	11.27	6.02	3.52	1.02	8.27	7.49	5.36	2.50	1.00	12.06	3.80	2.11	0.81	6.32	3.04	1.79
Os06g0251100	CI249573	Membrane attack complex component/perforin/complement C9 family protein.		1.00	6.05	19.18	15.27	7.66	1.38	1.86	8.82	5.92	2.68	1.00	24.60	25.71	7.48	0.81	9.10	7.05	2.22
Os06g0255900	AK073580	Exo70 exocyst complex subunit family protein.		1.00	5.71	1.82	1.82	1.53	1.12	2.77	1.87	1.90	1.22	1.00	2.21	1.42	1.74	0.90	1.27	1.56	1.33
Os06g0258000	AK107483	Typical P-type R2R3 Myb protein (Fragment).		1.00	3.23	5.17	2.87	2.28	1.42	2.11	2.38	1.56	1.17	1.00	3.64	1.97	1.57	0.95	1.96	1.01	0.85
Os06g0260000	CI555238	Conserved hypothetical protein.		1.00	2.00	6.32	4.91	2.89	0.83	0.98	2.59	2.64	1.45	1.00	10.74	7.50	2.82	0.88	6.04	3.42	2.05
Os06g0272700	CI136777	(No Hit)		1.00	1.32	9.08	5.40	4.19	0.97	1.10	3.15	3.88	2.93	1.00	4.52	1.67	1.63	0.54	1.65	1.75	0.97
Os06g0272800	CI139544	Protein of unknown function DUF231 domain containing protein.		1.00	1.89	15.14	10.64	5.61	0.78	0.89	4.89	4.71	4.08	1.00	8.26	3.56	2.09	0.47	3.95	3.27	1.29
Os06g0282000	CI544971	(No Hit)		1.00	1.20	10.69	5.21	2.75	0.67	0.34	3.06	1.48	0.94	1.00	8.35	3.27	2.61	0.59	5.17	3.32	1.68
Os06g0282000	CI563293	(No Hit)		1.00	1.35	10.56	4.75	2.42	0.83	0.44	3.21	1.86	1.04	1.00	10.29	2.86	2.62	0.58	5.33	2.02	1.38
Os06g0284500	CI138873	Zn-finger, Dof type domain containing protein.		1.00	1.78	5.39	7.20	3.37	0.58	0.58	0.77	1.44	0.73	1.00	8.11	5.93	1.64	0.63	1.73	3.70	1.17
Os06g0288100	AK068504	Receptor-like protein kinase.		1.00	5.20	4.60	2.87	1.62	0.69	1.93	1.73	1.75	0.97	1.00	5.04	3.84	2.53	0.41	1.63	1.49	1.08
Os06g0313200	CB669700	SAM dependent carboxyl methyltransferase family protein.		1.00	1.04	7.07	18.00	17.09	0.72	0.83	5.16	7.15	11.69	1.00	12.27	36.94	16.14	0.36	3.85	19.03	26.90
Os06g0314600	AK067321	Floral nectary-specific protein.		1.00	0.48	1.31	4.34	5.00	0.19	0.20	0.31	0.32	0.42	1.00	2.87	3.78	9.61	1.01	1.48	2.13	5.62
Os06g0484400	AK106712	Hypothetical protein.		1.00	1.74	3.39	3.58	1.49	0.60	0.64	1.20	1.97	0.63	1.00	2.28	1.46	1.50	0.72	1.47	1.15	0.61
Os06g0486300	Os06g0486300	Mlo.		1.00	1.56	3.59	7.39	5.93	1.00	1.25	2.43	2.69	2.57	1.00	2.83	2.54	3.13	0.61	1.75	3.75	1.63
Os06g0521500	AK061144	Haem peroxidase, plant/fungal/bacterial family protein.		1.00	11.09	83.44	4.76	1.81	1.08	1.72	15.02	8.17	1.08	1.00	98.69	30.27	4.31	1.00	62.45	3.09	1.00
Os06g0521500	AK072761	Haem peroxidase, plant/fungal/bacterial family protein.		1.00	2.37	24.76	1.36	1.00	1.11	1.11	2.93	1.18	1.11	1.00	24.11	8.32	1.00	1.01	21.50	1.01	1.13
Os06g0521900	C20494	Haem peroxidase, plant/fungal/bacterial family protein.		1.00	1.75	3.67	0.87	0.58	0.80	1.08	1.71	0.56	0.55	1.00	3.95	1.76	0.84	1.24	3.71	1.05	0.95
Os06g0522300	AK066954	Haem peroxidase, plant/fungal/bacterial family protein.		1.00	1.49	8.00	1.00	1.00	1.11	1.11	1.11	1.11	1.27	1.00	7.46	1.66	1.00	1.00	8.28	1.00	1.00
Os06g0549900	AK109673	FAD linked oxidase, N-terminal domain containing protein.		1.00	0.76	12.47	28.21	35.63	0.92	1.27	4.62	20.97	20.36	1.00	7.90	29.64	42.75	0.62	5.47	8.83	9.16
Os06g0550800	CI413897	Conserved hypothetical protein.		1.00	7.41	4.59	1.41	1.63	0.84	3.63	3.22	1.52	1.23	1.00	5.09	2.11	1.67	0.61	3.16	0.84	0.69
Os06g0579200	CI142216	(No Hit)		1.00	2.28	6.57	1.13	0.91	0.57	0.57	1.36	0.89	0.52	1.00	14.81	0.96	1.88	0.79	2.50	0.74	0.79
Os06g0579800	CI535167	(No Hit)		1.00	2.66	8.57	1.68	0.99	0.96	1.63	3.64	1.48	0.92	1.00	4.04	1.99	1.29	0.77	2.07	1.16	0.69
Os06g0590700	CI396619	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	1.86	14.30	6.70	3.45	1.63	1.46	6.19	6.33	3.30	1.00	9.94	3.06	1.79	0.37	2.96	2.05	1.33
Os06g0593100	AK060274	UDP-galactose/UDP-glucose transporter.		1.00	0.83	4.57	2.26	0.76	1.07	0.96	2.25	2.16	1.21	1.00	2.84	1.11	0.32	0.58	2.11	0.93	0.51
Os06g0593100	AK071175	UDP-galactose/UDP-glucose transporter.		1.00	0.83	4.70	2.29	0.75	1.09	1.00	2.24	2.21	1.22	1.00	3.05	1.19	0.34	0.56	2.16	0.93	0.45
Os06g0604200	AK100278	Phospholipase D.		1.00	5.68	51.84	2.33	1.00	0.83	0.83	4.84	4.18	0.62	1.00	17.88	15.51	1.46	1.10	21.11	2.02	1.56
Os06g0604200	AK121264	Phospholipase D.		1.00	10.18	94.41	6.54	1.00	0.76	4.03	46.35	11.96	2.78	1.00	84.66	34.82	1.56	1.00	78.27	5.01	1.09
Os06g0649000	AK106282	WRKY transcription factor 28.		1.00	52.46	27.27	9.23	6.61	0.81	17.24	21.89	9.47	4.51	1.00	10.90	2.63	2.52	0.55	5.70	1.80	1.38
Os06g0649000	AK119644	WRKY transcription factor 28.		1.00	50.04	28.90	9.10	6.49	0.82	16.45	23.79	9.04	4.48	1.00	10.69	2.63	2.51	0.57	5.73	1.82	1.39
Os06g0671600	AK111011	Non-protein coding transcript, putative npRNA.		1.00	1.00	12.56	7.40	2.11	1.09	1.09	2.43	4.95	3.44	1.00	32.71	55.22	12.44	1.00	3.10	1.37	1.00
Os06g0688700	CI149610	(No Hit)		1.00	2.13	4.73	3.39	2.26	0.86	0.41	2.47	3.47	2.00	1.00	5.05	3.36	2.02	0.47	1.70	1.63	1.23
Os06g0688800	CI431610	(No Hit)		1.00	2.06	4.30	3.42	2.26	0.85	0.41	2.44	3.52	1.94	1.00	4.90	3.26	2.01	0.50	1.80	1.74	1.35

Os06g0691400	AK107208	IAA-amino acid conjugate hydrolase-like protein (Fragment).		1.00	0.83	5.75	2.01	0.46	0.54	0.63	1.03	0.71	0.55	1.00	8.55	5.71	0.88	0.83	3.05	1.47	0.40
Os06g0710700	Os06g0710700	Benzoyl coenzyme A: benzyl alcohol benzoyl transferase.		1.00	0.91	15.61	3.44	2.36	1.12	1.28	6.09	3.38	1.59	1.00	10.80	3.62	1.98	0.70	7.74	1.98	1.52
Os06g0725100	AK110292	Lipolytic enzyme, G-D-S-L family protein.		1.00	2.37	6.70	2.74	2.19	1.26	2.20	2.99	2.64	1.23	1.00	7.56	6.33	3.41	0.89	8.92	4.17	2.37
Os06g0727400	AK069558	Probable serine/threonine-protein kinase NAK (EC 2.7.1.37).		1.00	0.99	3.68	2.00	1.68	1.23	1.09	1.58	1.69	1.40	1.00	4.09	1.47	1.73	0.33	0.83	0.80	0.70
Os06g0727900	Os06g0727900	Conserved hypothetical protein.		1.00	1.00	10.37	1.84	1.12	0.89	0.89	3.58	5.14	4.68	1.00	15.70	4.63	3.53	0.63	4.25	2.54	1.91
Os07g0103000	AK063123	Hypothetical protein.		1.00	0.89	2.58	3.75	1.88	0.74	1.01	2.07	1.62	1.11	1.00	2.70	1.82	0.92	0.58	2.09	1.41	0.77
Os07g0114000	AK102668	Protein phosphatase 2C-like.		1.00	16.16	6.86	1.88	1.00	0.97	7.42	2.87	1.27	0.41	1.00	9.62	1.10	1.01	0.64	2.81	0.74	0.45
Os07g0121800	AK064136	Conserved hypothetical protein.		1.00	1.79	2.76	2.87	1.83	0.97	0.76	1.67	2.27	0.99	1.00	4.17	2.93	2.13	0.70	1.68	1.42	1.16
Os07g0122100	AK072846	Conserved hypothetical protein.		1.00	2.22	12.25	15.05	12.23	0.75	0.90	4.73	5.49	5.97	1.00	9.58	5.56	16.75	0.98	12.12	9.22	5.31
Os07g0125000	AK104140	Pathogenesis-related protein PR-1 precursor.		1.00	1.00	15.51	10.10	7.52	1.11	1.11	2.32	3.38	9.99	1.00	27.60	134.71	52.47	0.82	19.64	27.20	14.53
Os07g0125300	CI544959	(No Hit)		1.00	1.00	9.72	5.55	9.20	1.10	1.10	1.10	9.52	12.90	1.00	7.26	18.39	18.57	1.29	22.64	9.95	16.41
Os07g0125300	CI544959	(No Hit)		1.00	1.00	6.30	4.21	9.46	1.11	1.11	1.11	8.28	8.65	1.00	8.43	20.00	18.60	1.47	14.00	5.96	21.58
Os07g0125900	CI544959	(No Hit)		1.00	1.00	8.65	7.00	9.47	1.11	1.11	1.11	12.11	11.70	1.00	7.74	21.40	22.07	1.57	29.93	12.94	28.19
Os07g0126800	CI015452	(No Hit)		1.00	1.00	9.34	5.45	4.17	1.00	1.66	4.36	3.20	2.44	1.00	4.57	5.61	4.40	1.42	7.84	4.82	2.78
Os07g0127500	AK062949	PR-1a pathogenesis related protein (Hv-1a) precursor.	*OsPR1*	1.00	1.00	48.66	39.18	19.21	1.09	1.09	10.36	49.13	12.31	1.00	78.26	38.66	72.87	2.24	65.17	52.07	42.85
Os07g0127600	AK063248	Allergen V5/Tpx-1 related family protein.	*OsPR1*	1.00	3.27	76.02	37.05	26.74	1.05	3.34	18.63	14.72	6.06	1.00	18.54	47.31	27.50	2.83	55.23	37.41	15.31
Os07g0129800	Os07g0129800	Protein kinase family protein.		1.00	2.43	3.82	2.28	2.30	0.88	1.09	1.88	2.38	1.83	1.00	4.68	3.76	1.83	0.74	2.73	1.38	1.69
Os07g0132500	AK060877	Lectin-like receptor kinase 7;2.		1.00	2.28	3.49	2.26	1.92	0.51	0.51	0.51	0.60	0.38	1.00	8.51	6.63	2.86	0.86	1.72	1.11	0.86
Os07g0148400	AK103816	Conserved hypothetical protein.		1.00	0.85	0.46	1.90	2.17	1.07	0.88	0.68	1.93	0.99	1.00	0.65	1.29	2.36	0.89	0.41	1.05	0.89
Os07g0154100	AK119780	Viviparous-14.	*OsNCED3*	1.00	2.55	11.78	1.00	1.00	1.11	1.11	2.00	1.49	1.11	1.00	20.10	1.00	1.00	1.12	6.21	1.12	1.12
Os07g0162400	AK060082	Esterase/lipase/thioesterase domain containing protein.		1.00	1.28	9.82	24.91	52.58	0.40	0.48	2.15	5.82	17.59	1.00	11.22	11.22	43.97	0.11	1.77	5.54	7.72
Os07g0170200	CI411149	HNH endonuclease domain containing protein.		1.00	0.71	1.17	3.66	1.38	0.33	0.42	0.32	0.66	0.63	1.00	1.41	5.52	2.50	0.99	2.46	3.68	1.10
Os07g0185900	AK070315	Conserved hypothetical protein.		1.00	1.51	2.84	1.50	0.70	0.63	0.91	1.28	0.67	0.38	1.00	4.58	1.68	0.83	0.40	2.00	0.59	0.24
Os07g0190000	AK100909	1-deoxy-D-xylulose 5-phosphate synthase 2 precursor.	*OsDXS3*	1.00	1.12	2.01	29.10	33.87	1.41	0.93	2.02	16.13	11.64	1.00	2.35	53.67	55.51	0.82	2.93	34.17	31.98
Os07g0192700	AK109791	AAA ATPase, central region domain containing protein.		1.00	2.44	8.95	5.34	4.50	0.92	1.25	2.23	2.14	2.18	1.00	2.90	2.72	1.58	0.88	0.94	1.16	1.05
Os07g0194800	AK064329	Conserved hypothetical protein.		1.00	3.41	3.57	2.26	2.00	0.90	1.23	2.42	1.77	1.28	1.00	6.64	3.13	2.69	0.82	3.57	2.31	2.13
Os07g0194800	AK100100	Conserved hypothetical protein.		1.00	3.13	3.40	2.13	1.87	0.91	1.16	2.58	1.59	1.21	1.00	6.74	2.66	2.42	0.80	2.76	2.18	1.71
Os07g0194800	AK101244	Conserved hypothetical protein.		1.00	3.36	3.33	2.36	1.80	1.00	1.12	2.97	1.77	1.26	1.00	6.65	2.71	2.58	0.79	3.24	2.20	1.77
Os07g0225300	AB028182	OsNAC3 protein.		1.00	2.39	2.30	1.78	1.42	0.78	0.74	1.18	1.18	0.66	1.00	2.05	1.78	1.87	0.63	1.09	1.05	0.94
Os07g0271500	AK109558	Chalcone synthase.		1.00	0.84	0.58	1.22	3.24	0.40	0.32	0.28	0.36	0.81	1.00	1.00	8.39	8.99	0.88	0.88	1.96	2.62
Os07g0273500	AK063067	Hypothetical protein.		1.00	12.94	10.86	5.54	2.84	0.73	4.33	3.47	2.20	1.33	1.00	10.06	3.80	2.17	1.75	4.55	1.33	1.06
Os07g0418500	AK072220	Cytochrome P450.	*P450*	1.00	2.04	2.19	3.61	12.10	1.14	1.39	1.67	2.53	4.36	1.00	1.75	1.22	11.92	0.81	1.88	2.57	5.36
Os07g0418500	AK119557	Cytochrome P450.	*P450*	1.00	1.93	2.06	3.56	10.54	1.10	1.29	1.40	2.27	4.10	1.00	1.76	0.99	10.85	0.82	1.66	2.52	4.75
Os07g0421300	AK121014	Glycoside hydrolase, family 31 protein.		1.00	1.05	0.98	2.07	1.78	0.58	0.40	0.50	1.45	1.09	1.00	1.47	4.48	3.95	0.19	0.27	0.73	0.44
Os07g0457800	AK102686	Conserved hypothetical protein.		1.00	1.52	2.00	0.88	1.59	0.76	0.77	1.12	1.17	0.72	1.00	2.14	0.87	1.59	0.88	2.06	0.77	0.85
Os07g0483500	AK064915	Phosphoribosylanthranilate transferase-like protein.		1.00	0.77	2.19	0.91	0.74	0.98	0.49	0.82	0.87	0.54	1.00	4.07	3.66	2.23	1.34	3.68	1.76	1.66
Os07g0483500	AK067097	Phosphoribosylanthranilate transferase-like protein.		1.00	0.78	2.01	0.89	0.76	0.97	0.44	0.49	1.02	0.38	1.00	4.21	3.75	1.44	1.45	3.01	2.05	1.25
Os07g0497500	Os07g0497500	MYB transcription factor.		1.00	1.01	1.49	1.96	2.08	1.04	1.26	1.20	0.97	1.13	1.00	2.00	1.73	3.38	0.84	0.88	0.77	0.74
Os07g0501100	AK110924	Chalcone synthase (EC 2.3.1.74) (Naregenin-chalcone synthase).		1.00	0.33	1.18	6.12	16.96	0.43	0.91	1.26	4.24	3.61	1.00	2.16	5.19	11.38	0.66	0.37	2.52	3.36
Os07g0509800	AU100738	PAPS-reductase-like protein precursor.		1.00	1.06	8.61	6.89	6.98	1.32	0.76	3.52	3.39	2.91	1.00	7.39	9.59	8.78	0.60	3.70	5.05	3.20
Os07g0516300	AK102726	Protein of unknown function DUF584 family protein.		1.00	8.07	18.54	6.85	4.28	0.70	3.86	10.63	4.11	2.99	1.00	5.59	2.75	1.20	0.40	5.51	1.73	1.11
Os07g0522500	AK105311	PDR6 ABC transporter.		1.00	0.96	2.63	5.37	5.18	1.39	0.67	1.91	5.33	2.36	1.00	6.08	9.82	8.93	0.71	3.46	7.47	5.28
Os07g0525900	Os07g0525900	Chalcone synthase.		1.00	1.39	6.47	1.30	1.30	0.82	0.82	0.82	1.61	1.22	1.00	4.38	1.40	0.68	0.89	1.69	1.42	0.78
Os07g0526400	CI426731	Chalcone synthase (EC 2.3.1.74) (Naringenin-chalcone synthase).		1.00	3.05	24.64	5.00	1.72	0.11	0.22	1.14	0.95	0.27	1.00	26.89	18.06	5.04	0.17	2.05	0.88	0.39
Os07g0530600	AK120747	Protein of unknown function DUF299 family protein.		1.00	2.74	5.08	1.48	0.99	0.68	0.89	3.04	1.08	0.65	1.00	4.63	1.47	1.19	0.76	3.56	1.04	0.75
Os07g0534700	AK060565	Protein kinase family protein.		1.00	0.92	8.36	5.17	3.35	1.08	1.09	3.79	4.44	2.59	1.00	4.62	2.03	1.65	0.93	2.69	1.90	1.26
Os07g0538300	CI427025	Serine/threonine kinase receptor-like protein.		1.00	1.72	3.58	3.99	3.07	0.68	0.84	1.83	2.46	1.55	1.00	3.79	4.00	3.43	0.83	2.61	3.15	2.01
Os07g0540800	Os07g0540800	Serine/threonine protein kinase family protein.		1.00	1.26	4.47	3.12	2.25	0.27	0.22	0.68	0.60	0.17	1.00	2.16	1.74	2.31	0.41	0.85	1.30	0.39
Os07g0541400	AK111650	Receptor protein kinase.		1.00	1.32	4.57	2.93	2.29	0.22	0.18	0.62	0.51	0.17	1.00	3.15	1.68	2.46	0.63	1.51	1.02	0.67
Os07g0541800	AK102941	KI domain interacting kinase 1.		1.00	1.01	6.82	2.60	1.28	0.69	0.51	1.67	1.99	1.06	1.00	3.04	2.25	0.61	0.87	2.99	1.29	0.87
Os07g0545800	AY062209	Chitin-inducible gibberellin-responsive protein.		1.00	5.72	5.93	2.46	2.49	1.09	2.74	4.25	1.94	2.00	1.00	9.50	1.89	1.88	0.59	4.29	1.46	1.28
Os07g0550500	Os07g0550500	S-locus glycoprotein family protein.		1.00	0.87	4.31	2.22	1.14	1.14	0.39	2.48	1.50	1.07	1.00	3.94	1.76	1.15	0.67	1.96	1.29	0.87
Os07g0550600	AK109553	Transferase family protein.		1.00	5.88	100.31	36.53	60.83	1.58	2.44	35.80	25.71	8.46	1.00	258.47	65.40	23.34	1.00	101.66	17.51	8.80
Os07g0550900	AK101616	Receptor-like protein kinase 6.		1.00	2.44	28.39	3.64	1.93	1.09	1.09	5.84	10.69	1.63	1.00	46.24	8.33	5.95	1.00	12.68	4.87	1.08
Os07g0558100	Y11415	Myb protein.		1.00	4.10	4.19	1.28	1.13	0.88	1.46	2.06	1.42	0.91	1.00	3.26	1.45	1.51	0.83	3.49	1.13	0.92
Os07g0564500	AK121213	FAD-dependent pyridine nucleotide-disulphide oxidoreductase domain containing protein.		1.00	1.72	2.17	1.50	2.17	0.68	0.48	1.21	1.04	0.72	1.00	7.24	2.32	3.75	0.56	1.22	1.22	2.07
Os07g0566800	AK108970	TIR domain containing protein.		1.00	2.43	21.32	2.58	2.77	0.83	0.89	12.43	2.91	1.71	1.00	5.97	4.41	1.42	0.81	8.95	2.43	1.10
Os07g0568300	AJ575241	ZF protein (Fragment).		1.00	1.30	2.24	1.13	0.94	0.81	0.48	1.37	0.95	0.62	1.00	2.36	1.60	1.43	0.82	1.68	1.10	0.95
Os07g0568300	AK067784	ZF protein (Fragment).		1.00	1.19	2.12	1.02	0.90	0.75	0.45	1.14	0.82	0.50	1.00	2.23	1.68	1.57	0.85	1.51	0.99	0.86
Os07g0568300	AK067895	ZF protein (Fragment).		1.00	1.22	2.10	1.01	0.88	0.75	0.43	1.13	0.83	0.49	1.00	2.17	1.62	1.58	0.83	1.47	0.95	0.83
Os07g0573000	AK120026	Conserved hypothetical protein.		1.00	1.79	3.16	4.61	2.51	0.93	1.17	1.55	2.45	1.31	1.00	2.88	1.48	1.32	0.91	1.84	2.59	0.96
Os07g0573800	AK107962	Pyridoxamine 5'-phosphate oxidase-related domain containing protein.		1.00	3.26	2.68	1.04	1.49	1.09	1.14	1.85	1.73	0.80	1.00	2.03	0.96	1.59	1.07	1.27	0.74	1.00
Os07g0580900	AK120768	GGDP synthase.		1.00	0.79	4.71	14.88	11.15	1.38	0.93	3.36	8.11	4.67	1.00	6.37	27.00	16.15	0.61	5.04	12.65	9.04
Os07g0583600	AK061928	Chitin-inducible gibberellin-responsive protein.		1.00	2.80	3.45	1.90	1.57	1.18	0.99	1.68	1.78	1.04	1.00	3.67	2.07	1.69	0.78	2.13	1.65	1.29
Os07g0583600	AK073470	Chitin-inducible gibberellin-responsive protein.		1.00	3.12	3.08	1.79	1.56	1.26	1.13	1.68	1.88	0.94	1.00	3.36	1.93	1.90	0.85	2.06	1.60	1.30
Os07g0583600	AK098890	Chitin-inducible gibberellin-responsive protein.		1.00	3.15	3.13	1.82	1.57	1.28	1.21	1.74	1.98	0.98	1.00	3.38	2.04	1.94	0.81	2.09	1.63	1.31
Os07g0583600	AK122131	Chitin-inducible gibberellin-responsive protein.		1.00	3.22	3.16	1.90	1.57	1.26	1.18	1.74	1.87	0.98	1.00	3.46	2.01	1.96	0.85	2.17	1.75	1.39
Os07g0583600	AY062210	Chitin-inducible gibberellin-responsive protein.		1.00	3.86	2.84	1.70	1.49	1.31	1.16	1.63	1.90	0.84	1.00	3.30	1.98	2.15	0.80	1.76	1.63	1.21
Os07g0587500	CI481622	Arm repeat-containing protein.		1.00	8.35	7.40	3.37	1.64	1.01	3.79	4.49	3.08	1.45	1.00	7.67	2.91	1.64	0.84	4.94	2.18	1.26
Os07g0597200	AK119897	Protein kinase domain containing protein.		1.00	5.13	7.52	4.51	3.23	0.99	1.72	3.74	3.98	1.49	1.00	10.43	6.97	6.17	0.60	3.88	3.80	2.76
Os07g0598000	AK070781	NADPH HC toxin reductase (Fragment).		1.00	1.48	1.12	0.75	4.84	0.44	0.39	0.47	0.51	1.48	1.00	0.39	0.58	2.10	0.09	0.16	0.49	0.92
Os07g0615200	AK065604	ZIM domain containing protein.		1.00	1.03	3.07	1.83	1.13	0.59	0.59	1.53	1.04	0.93	1.00	2.09	1.97	1.22	0.67	1.93	1.16	0.91
Os07g0615200	AK068566	ZIM domain containing protein.		1.00	1.07	3.24	1.84	1.11	0.58	0.57	1.48	1.12	0.91	1.00	2.22	2.04	1.22	0.66	1.95	1.19	0.85
Os07g0617000	AK109360	Ethylene responsive element binding factor 5 (AtERF5).		1.00	3.41	10.72	7.15	2.81	0.96	1.42	5.90	3.60	2.27	1.00	12.50	6.34	4.68	0.97	6.16	2.51	3.98
Os07g0617700	CI137713	Viral coat and capsid protein family protein.		1.00	2.10	1.54	1.08	0.86	0.76	1.03	0.96	0.91	0.66	1.00	3.62	3.05	1.90	1.16	1.78	1.95	1.71
Os07g0619500	AK072031	Conserved hypothetical protein.		1.00	2.31	8.99	7.15	5.88	0.94	1.10	3.99	3.27	2.73	1.00	13.09	7.67	5.51	0.61	5.87	4.16	3.64
Os07g0619500	AK107576	Conserved hypothetical protein.		1.00	2.21	8.39	6.59	5.74	0.95	1.07	3.59	3.35	2.71	1.00	11.85	6.75	5.25	0.57	4.49	3.52	3.03
Os07g0631200	AK120260	Zn-finger, RING domain containing protein.		1.00	0.39	2.03	1.14	1.56	0.45	0.36	0.49	0.44	0.37	1.00	3.20	0.98	0.57	0.31	1.05	0.67	0.26
Os07g0646800	AK071716	Avr9/Cf-9 rapidly elicited protein 231.		1.00	1.58	12.59	1.00	1.06	1.11	1.11	2.33	1.42	1.27	1.00	9.46	2.53	1.10	1.01	4.24	1.07	0.67
Os07g0650600	AK062101	BLE2 protein.		1.00	1.41	2.42	0.95	1.01	0.44	0.46	0.85	1.34	0.40	1.00	2.04	1.42	1.66	0.43	1.12	0.80	0.80
Os07g0650600	AK067278	BLE2 protein.		1.00	1.22	2.02	1.39	1.01	0.42	0.42	0.66	1.18	0.52	1.00	2.34	1.74	1.79	0.41	0.56	0.30	0.35
Os07g0656100	CI158665	Protein of unknown function DUF580 family protein.		1.00	1.65	7.90	5.36	2.97	0.86	0.78	5.18	3.31	1.52	1.00	18.00	8.55	4.52	0.83	8.84	3.78	2.73
Os07g0656900	AY224473	Serine carboxypeptidase II chains A and B (EC 3.4.16.6) (Carboxypeptidase D) (CPDW-II) (CP-WII).		1.00	1.01	2.03	1.11	1.16	0.60	0.59	0.69	0.57	0.70	1.00	3.29	2.79	1.20	0.97	1.57	1.45	1.09
Os07g0678300	AK111746	OsPK4.	*OsCIPK29*	1.00	3.92	8.34	1.73	1.02	0.67	1.59	3.98	1.82	1.20	1.00	6.32	2.57	1.13	0.65	4.50	1.12	0.95
Os07g0684800	AK073876	GRAB2 protein.		1.00	1.82	4.72	1.78	1.52	0.67	1.16	1.68	1.24	0.98	1.00	4.74	1.99	1.46	0.76	2.56	1.18	0.97
Os07g0684800	AK105645	GRAB2 protein.		1.00	1.75	4.81	1.88	1.54	0.68	1.22	1.84	1.40	1.00	1.00	4.70	1.87	1.45	0.73	2.57	1.05	0.93
Os07g0685700	AB074972	Ethylene insensitive 3 family protein.		1.00	3.49	6.24	2.84	0.92	0.58	0.71	2.99	1.61	0.50	1.00	6.88	5.13	1.58	0.61	3.33	2.31	0.98
Os07g0685700	AK060806	Ethylene insensitive 3 family protein.		1.00	3.94	7.56	3.23	1.04	0.56	0.69	3.02	1.73	0.53	1.00	7.62	6.00	1.89	0.60	3.61	2.81	1.21
Os07g0686600	AK108527	VQ domain containing protein.		1.00	3.38	3.48	0.52	0.21	0.71	0.95	1.33	0.47	0.25	1.00	5.43	1.54	0.37	0.80	3.75	0.89	0.43
Os07g0691200	AK072158	D-alanine-D-alanine ligase B (Fragment).		1.00	1.00	5.05	1.55	1.25	1.15	1.11	2.49	2.59	0.82	1.00	2.39	2.24	0.66	0.92	4.38	0.62	0.85
Os08g0120600	AK069887	Aldolase C-1.		1.00	0.81	2.96	2.14	1.24	1.07	0.55	1.83	1.30	0.50	1.00	2.65	1.16	0.99	0.64	1.04	0.70	0.47
Os08g0120600	AK104952	Aldolase C-1.		1.00	0.84	3.02	2.20	1.22	1.01	0.56	2.10	1.26	0.57	1.00	2.17	1.11	0.98	0.68	1.05	0.78	0.52
Os08g0124000	AK063293	Resistance protein candidate (Fragment).		1.00	1.31	5.10	3.71	1.50	0.63	0.48	2.37	2.73	1.19	1.00	3.57	7.82	2.95	0.70	3.67	3.66	1.68
Os08g0124000	AK067378	Resistance protein candidate (Fragment).		1.00	1.21	4.10	2.70	1.26	0.73	0.57	2.04	2.46	1.18	1.00	3.25	5.19	2.05	0.69	2.73	3.12	1.57
Os08g0137900	CI437057	(No Hit)		1.00	41.03	87.00	13.89	8.55	0.87	21.49	44.25	4.61	3.14	1.00	99.23	6.86	1.82	0.66	58.50	6.81	2.38
Os08g0138200	Os08g0138200	Plastocyanin-like domain containing protein.		1.00	27.20	35.30	4.16	2.49	0.97	11.75	10.24	2.17	1.91	1.00	19.97	2.09	1.17	0.93	9.59	1.60	1.23
Os08g0140500	CI191108	Tryptophan decarboxylase (EC 4.1.1.28).		1.00	1.22	19.42	115.63	68.93	0.91	1.07	8.86	29.13	15.81	1.00	41.94	255.91	90.49	0.78	37.66	80.56	23.39
Os08g0143600	AU173072	Lipase, class 3 family protein.		1.00	53.23	62.80	9.26	3.84	1.24	15.27	13.99	4.04	2.72	1.00	39.07	14.77	3.87	1.00	7.02	1.00	1.93
Os08g0169100	AU174459	Hypothetical protein.		1.00	1.11	2.77	2.74	1.80	0.53	0.49	1.22	1.31	1.43	1.00	1.17	2.06	1.19	0.26	0.50	0.51	0.34
Os08g0256000	AK105511	Conserved hypothetical protein.		1.00	2.59	5.95	3.44	1.70	0.73	0.98	3.51	2.50	1.11	1.00	8.33	5.18	2.72	0.77	4.70	3.36	2.04
Os08g0260600	AK108529	Senescence-associated protein 5.		1.00	0.49	2.80	0.36	0.11	0.87	0.46	1.19	0.29	0.14	1.00	2.70	1.12	0.20	1.54	3.71	0.67	0.27
Os08g0277200	AK106439	Cinnamoyl-CoA reductase (EC 1.2.1.44).	*OsCCR18*	1.00	3.71	3.18	0.44	0.47	0.14	0.49	0.44	0.09	0.10	1.00	12.19	0.88	0.49	0.42	0.55	0.05	0.05
Os08g0286500	AK106562	Non-protein coding transcript, uncharacterized transcript.		1.00	1.19	1.86	4.29	2.48	0.55	1.08	0.94	0.77	0.86	1.00	2.98	2.26	3.62	1.65	2.47	3.05	2.02
Os08g0331900	AK102219	Protein kinase domain containing protein.		1.00	1.57	3.52	1.47	0.79	0.47	0.47	1.55	0.67	0.36	1.00	6.54	0.97	1.30	0.78	2.56	0.28	0.78
Os08g0332100	AK067415	Hypothetical protein.		1.00	0.65	2.58	5.14	2.74	0.72	0.72	1.93	1.84	1.09	1.00	2.81	4.88	2.10	0.49	1.18	1.46	0.70
Os08g0374600	AK072505	Receptor kinase-like protein.		1.00	14.78	8.00	2.76	1.43	0.83	1.97	1.77	1.05	1.40	1.00	6.32	1.69	1.65	1.15	3.88	1.54	0.84
Os08g0374600	AY224427	Receptor kinase-like protein.		1.00	18.73	42.08	7.99	4.62	0.82	5.16	19.12	3.27	2.71	1.00	14.16	4.71	2.74	0.56	8.02	2.42	1.16
Os08g0375700	AY600992	SKP1 component family protein.		1.00	1.00	7.25	2.34	2.10	1.13	1.13	2.06	2.99	5.43	1.00	10.99	2.02	1.72	0.87	2.53	0.87	0.90
Os08g0378000	AK067174	Conserved hypothetical protein.		1.00	3.69	4.73	2.60	1.21	1.05	1.63	2.47	3.35	1.61	1.00	3.75	3.04	2.79	0.74	1.98	1.34	1.12
Os08g0384500	AK100858	PDR-like ABC transporter (PDR3 ABC transporter).		1.00	8.76	23.00	5.98	2.22	1.01	2.52	12.28	4.90	1.13	1.00	25.71	11.07	3.50	0.44	17.65	5.35	1.54
Os08g0408200	AK111715	GAMYB-binding protein (Fragment).		1.00	1.29	2.95	1.90	1.52	0.89	0.70	1.41	1.49	1.34	1.00	2.93	1.82	1.32	0.54	1.15	0.89	0.73
Os08g0409900	CI403847	Major facilitator superfamily protein.		1.00	0.76	1.51	5.30	3.41	1.09	0.78	2.76	3.46	1.36	1.00	5.27	7.54	5.52	0.57	1.77	3.20	1.58
Os08g0425700	AK104119	Annexin-like protein.		1.00	1.35	2.68	2.14	1.31	0.77	0.96	0.78	0.40	0.37	1.00	11.08	2.33	1.66	1.47	3.63	2.88	2.59
Os08g0428400	AK060047	ZIM domain containing protein.		1.00	1.42	3.36	2.08	1.41	0.58	0.62	2.10	1.06	0.56	1.00	3.45	3.10	1.77	1.12	2.56	1.42	2.12
Os08g0434700	AK070338	Myb, DNA-binding domain containing protein.		1.00	0.92	2.07	2.39	2.05	0.38	0.27	1.08	0.69	0.49	1.00	2.82	2.01	1.87	0.45	1.04	1.21	1.17
Os08g0441500	AK072872	Cinnamoyl-CoA reductase.	*OsCCR20*	1.00	1.36	6.11	8.82	6.01	1.53	1.40	4.36	6.60	2.70	1.00	13.21	25.64	15.87	0.68	9.80	13.19	8.46
Os08g0441500	AK102061	Cinnamoyl-CoA reductase.	*OsCCR20*	1.00	4.73	6.06	6.90	5.49	1.09	2.32	7.76	8.66	2.07	1.00	9.37	8.35	9.99	0.62	4.80	5.44	3.01
Os08g0441500	AK105802	Cinnamoyl-CoA reductase.	*OsCCR20*	1.00	1.41	6.52	10.20	6.43	1.55	1.40	4.34	7.53	2.64	1.00	14.77	33.26	17.84	0.70	11.33	15.67	9.34
Os08g0441500	AK105870	Cinnamoyl-CoA reductase.	*OsCCR20*	1.00	1.35	5.95	8.87	5.93	1.54	1.46	4.29	6.41	2.63	1.00	12.98	25.94	15.17	0.69	10.12	13.14	8.12
Os08g0445700	AK072132	Glycosyl transferase, family 20 domain containing protein.		1.00	2.10	1.29	1.76	1.66	1.06	0.67	0.85	2.10	0.75	1.00	2.05	2.75	2.90	0.84	1.30	1.97	1.59
Os08g0448000	AK120964	4-coumarate--CoA ligase 1 (EC 6.2.1.12) (4CL 1) (4-coumaroyl-CoA synthase 1) (Clone 4CL14) (Fragment).		1.00	6.02	23.48	5.39	3.22	0.84	2.21	11.02	3.06	1.38	1.00	35.00	10.71	4.00	0.67	14.33	4.43	2.43
Os08g0450200	AK072779	Pectinmethylesterase precursor (EC 3.1.1.11) (Fragment).		1.00	1.86	2.48	0.95	0.52	1.11	0.80	1.05	0.63	0.73	1.00	2.41	1.01	0.39	0.47	1.33	0.46	0.45
Os08g0457400	AK106955	Protein kinase APK1B (EC 2.7.1.-).		1.00	4.96	5.80	2.54	2.40	0.76	1.56	3.41	1.57	1.13	1.00	5.90	1.87	2.10	0.61	4.24	1.50	1.38
Os08g0474000	AK062882	AP2 domain containing protein RAP2.6 (Fragment).		1.00	23.15	5.32	1.02	1.30	1.11	6.31	1.11	1.67	2.17	1.00	5.56	1.29	0.89	0.50	1.24	0.50	0.28
Os08g0475400	AK060706	Esterase/lipase/thioesterase domain containing protein.		1.00	1.20	2.19	1.93	1.42	0.88	0.44	1.16	1.23	0.80	1.00	3.68	4.26	2.64	1.07	2.09	2.06	1.82
Os08g0492100	AK100101	Paraneoplastic encephalomyelitis antigen family protein.		1.00	1.59	2.46	2.12	1.03	0.84	0.55	1.11	1.07	0.63	1.00	3.01	1.82	1.50	0.63	1.26	1.50	1.07
Os08g0498100	AK071482	Caffeoyl-CoA O-methyltransferase 2 (EC 2.1.1.104) (Trans-caffeoyl-CoA 3-O-methyltransferase 2).		1.00	0.93	3.94	1.48	1.03	0.75	0.67	1.93	1.06	0.61	1.00	6.51	4.25	1.34	1.38	6.24	2.72	1.76
Os08g0508800	AF095895	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).	*LOX*	1.00	1.00	5.92	1.38	1.00	1.10	1.10	2.53	5.27	1.10	1.00	9.22	4.93	1.50	1.00	3.94	1.00	1.00
Os08g0508800	D14000	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).	*LOX*	1.00	3.02	22.77	8.13	5.50	1.59	1.59	9.57	7.40	1.81	1.00	30.23	15.15	7.80	1.00	12.73	4.16	1.00
Os08g0509100	AF095896	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).	*LOX*	1.00	4.07	23.95	9.62	8.28	1.25	2.60	12.26	7.40	3.83	1.00	48.81	29.17	21.23	0.42	3.92	13.51	10.60
Os08g0509100	AK066825	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).	*LOX*	1.00	2.94	24.03	5.88	2.54	1.12	1.56	6.67	4.72	4.82	1.00	37.71	5.50	15.02	0.87	7.02	4.44	2.03
Os08g0517200	AK107078	Potential calcium-transporting ATPase 9, plasma membrane-type (EC 3.6.3.8) (Ca(2+)-ATPase isoform 9).		1.00	1.83	3.13	3.01	1.60	1.09	1.83	2.68	5.00	0.76	1.00	2.29	1.77	1.78	0.70	2.18	2.33	0.68
Os08g0521000	AK108985	Protein of unknown function DUF599 family protein.		1.00	1.35	19.29	5.48	1.98	1.25	1.43	7.07	3.30	3.09	1.00	54.07	7.21	2.22	1.45	7.82	2.44	1.45
Os08g0535800	AK068776	No apical meristem (NAM) protein domain containing protein.		1.00	1.18	3.06	0.96	1.13	0.59	0.78	1.50	0.89	0.99	1.00	2.84	1.06	0.96	0.70	1.61	0.81	1.09
Os08g0537200	AK108234	Non-protein coding transcript, unclassifiable transcript.		1.00	15.05	5.89	1.49	1.00	1.18	2.85	1.18	1.05	1.39	1.00	17.00	1.52	0.50	1.19	5.72	1.53	2.30
Os08g0545000	AK121240	Conserved hypothetical protein.		1.00	2.12	2.40	1.25	0.89	0.94	0.94	1.88	1.44	0.64	1.00	4.01	1.95	1.70	0.91	2.25	1.81	1.34
Os09g0114500	AK059015	Kinesin-like protein (Fragment).		1.00	0.98	1.04	2.59	1.62	0.98	0.57	0.83	1.39	0.55	1.00	1.31	4.59	2.22	1.15	0.83	2.19	1.54
Os09g0114500	AK067738	Kinesin-like protein (Fragment).		1.00	1.00	0.98	2.35	1.66	0.93	0.64	0.65	1.27	0.61	1.00	1.25	3.48	2.62	1.15	1.00	1.93	1.58
Os09g0114500	AK100974	Kinesin-like protein (Fragment).		1.00	0.88	0.75	2.05	1.27	1.02	0.54	0.56	1.25	0.62	1.00	1.00	3.38	1.94	1.23	0.93	2.05	1.59
Os09g0127300	AK100234	Conserved hypothetical protein.	*OsCCR17*	1.00	1.20	14.45	18.36	7.57	0.42	0.45	6.34	3.18	0.72	1.00	290.70	273.76	56.32	1.87	133.11	58.20	20.07
Os09g0255000	AK069080	Cell wall invertase (EC 3.2.1.26).		1.00	0.80	3.90	7.95	3.44	0.78	0.43	1.51	3.08	1.31	1.00	8.44	8.34	4.78	0.71	3.85	4.73	2.58
Os09g0255300	AK108794	Glycoside hydrolase, family 32 protein.		1.00	0.87	3.45	3.62	2.04	1.05	0.71	1.70	2.60	1.31	1.00	4.28	5.59	3.44	0.90	2.31	4.13	2.13
Os09g0255400	AK071383	Indole-3-glycerol phosphate synthase, chloroplast precursor (EC 4.1.1.48) (IGPS).		1.00	1.12	4.81	9.86	11.15	1.32	1.22	4.21	7.33	4.59	1.00	2.19	2.78	3.83	0.06	0.85	1.27	0.79
Os09g0255800	AK106263	Conserved hypothetical protein.		1.00	1.00	1.43	4.01	2.78	0.72	0.72	0.72	0.91	0.66	1.00	1.01	2.52	3.48	0.77	0.77	0.81	0.44
Os09g0268300	AK067908	Monosaccharide transporter 3.		1.00	0.82	2.56	2.40	2.32	0.81	0.50	0.69	1.05	0.82	1.00	2.74	3.12	1.18	0.69	0.75	1.38	0.92
Os09g0286600	AK072749	Pathogenesis-related transcriptional factor and ERF domain containing protein.		1.00	0.67	1.62	3.42	2.44	0.61	0.51	0.70	0.99	0.71	1.00	3.33	3.14	1.02	1.09	2.01	1.54	1.03
Os09g0298100	CI424076	(No Hit)		1.00	1.26	7.37	10.22	12.18	0.94	1.18	6.33	4.72	5.55	1.00	5.32	2.42	3.33	0.41	2.04	1.69	1.94
Os09g0298100	CI424076	(No Hit)		1.00	1.10	8.06	11.06	13.10	0.90	1.09	6.33	4.84	5.32	1.00	5.26	2.74	3.29	0.41	2.45	1.83	2.45
Os09g0337300	AK073765	Ankyrin repeat containing protein.		1.00	1.39	1.29	2.18	1.49	1.12	0.64	1.41	3.03	1.54	1.00	1.59	1.33	2.24	1.15	1.58	1.63	0.80
Os09g0341500	AK073913	Cyclin-like F-box domain containing protein.		1.00	23.47	9.52	4.35	3.18	1.84	9.78	5.65	5.46	2.83	1.00	16.34	6.56	3.52	0.45	4.81	2.38	1.29
Os09g0341600	AK071689	Cyclin-like F-box domain containing protein.		1.00	65.99	39.83	16.13	11.22	0.83	21.70	8.48	5.15	2.54	1.00	103.24	67.08	15.25	0.34	17.25	3.93	1.40
Os09g0370500	CI175427	(No Hit)		1.00	2.10	2.73	1.73	1.20	1.01	0.85	1.51	1.71	0.77	1.00	5.61	4.41	2.95	0.83	2.10	2.49	1.78
Os09g0380600	AK063655	Conserved hypothetical protein.		1.00	4.78	6.71	4.55	3.48	0.80	1.29	3.32	1.96	1.23	1.00	27.50	14.46	12.96	0.87	5.09	7.60	3.34
Os09g0392400	AK106799	PDR13 ABC transporter.		1.00	3.12	2.46	2.66	2.11	0.96	1.22	1.95	2.58	0.95	1.00	2.57	1.07	1.84	0.60	0.96	0.86	0.43
Os09g0408900	CI137128	Protein kinase family protein.		1.00	2.26	2.63	1.48	1.15	0.95	1.11	1.84	1.57	0.76	1.00	3.07	1.85	1.76	0.81	1.80	1.18	0.91
Os09g0416600	AK101668	Conserved hypothetical protein.		1.00	2.21	3.91	1.70	1.34	0.93	1.03	2.12	1.28	0.95	1.00	5.98	2.51	1.84	0.94	3.17	1.39	1.19
Os09g0416600	AK106445	Conserved hypothetical protein.		1.00	2.23	3.53	1.48	1.26	0.91	1.03	1.95	1.27	0.95	1.00	4.51	2.15	1.68	1.00	2.94	1.49	1.27
Os09g0417600	AF467736	DNA-binding WRKY domain containing protein.		1.00	2.37	2.61	3.10	1.75	0.39	0.69	0.66	1.57	1.81	1.00	1.12	4.21	1.24	0.38	0.74	0.59	0.58
Os09g0417600	AK059966	DNA-binding WRKY domain containing protein.		1.00	2.23	2.16	3.10	1.70	0.25	0.53	0.35	1.39	1.30	1.00	0.90	3.67	1.44	0.32	0.49	1.13	0.72
Os09g0417600	AK068337	DNA-binding WRKY domain containing protein.		1.00	2.35	2.29	3.76	1.67	0.17	0.37	0.29	1.19	1.00	1.00	1.05	6.67	1.62	0.27	0.77	0.95	0.66
Os09g0417600	AY323479	DNA-binding WRKY domain containing protein.		1.00	2.22	2.05	3.21	1.75	0.25	0.48	0.30	1.15	1.09	1.00	0.89	3.98	1.42	0.30	0.51	1.15	0.75
Os09g0417800	AK067834	DNA-binding WRKY domain containing protein.	*OsWRKY62*	1.00	3.90	10.54	6.20	5.50	0.14	0.85	0.34	2.51	3.10	1.00	6.31	6.60	5.49	0.23	6.23	2.60	0.60
Os09g0434900	AK120863	Zn-finger, cysteine-rich C6HC domain containing protein.		1.00	2.21	3.10	2.40	1.33	0.80	1.27	1.24	1.31	0.86	1.00	2.38	1.33	1.00	0.47	0.94	0.69	1.08
Os09g0438000	AK120739	Respiratory burst oxidase protein E.	*OsrbohG*	1.00	1.71	2.44	1.24	0.94	0.82	0.71	0.98	1.01	0.68	1.00	3.64	2.62	1.57	0.83	1.92	1.06	1.07
Os09g0442100	AK111977	Avr9/Cf-9 rapidly elicited protein 264.		1.00	4.41	11.19	4.77	2.59	1.01	1.21	4.70	2.97	1.20	1.00	12.55	7.96	2.48	0.62	6.69	3.52	1.51
Os09g0453900	AK107054	MORN motif repeat containing protein.		1.00	1.02	1.38	2.58	2.71	1.21	0.83	1.49	2.22	1.33	1.00	1.35	1.55	2.14	0.85	0.88	1.11	1.53
Os09g0457900	AK067195	AP2 domain containing protein RAP2.6 (Fragment).		1.00	10.45	5.66	1.99	1.00	1.09	1.09	1.09	2.92	1.75	1.00	3.51	6.58	1.73	0.60	1.78	0.60	0.60
Os09g0458300	AK108581	Leucine-rich repeat, plant specific containing protein.		1.00	2.20	2.98	5.75	4.09	1.87	1.73	2.77	3.27	1.76	1.00	1.63	3.48	5.91	1.48	1.49	5.88	3.18
Os09g0458600	AK066473	Hypothetical protein.		1.00	0.73	1.09	2.55	1.45	0.58	0.26	0.29	0.44	0.16	1.00	2.52	2.01	1.53	0.16	0.11	0.34	0.19
Os09g0458800	CI036576	(No Hit)		1.00	0.82	1.04	2.27	3.03	0.44	0.44	0.44	0.34	0.30	1.00	3.30	2.29	2.06	0.22	0.20	0.21	0.26
Os09g0468300	CI561982	(No Hit)		1.00	8.35	11.92	11.90	15.48	1.58	5.17	9.57	11.22	7.36	1.00	12.08	8.71	10.09	0.63	5.14	5.77	6.63
Os09g0472100	AK120390	ABC transporter.		1.00	9.11	30.70	8.71	2.57	1.38	2.36	18.63	5.86	1.76	1.00	59.40	23.69	4.76	1.27	40.23	6.55	3.12
Os09g0472200	Os09g0472200	ABC transporter.		1.00	6.94	21.75	6.50	2.29	1.45	2.79	17.36	6.06	1.78	1.00	29.86	12.72	4.22	1.26	24.60	6.17	2.72
Os09g0507200	AK072867	MADS box protein.		1.00	0.69	3.89	1.02	1.27	0.87	0.73	1.70	0.71	3.56	1.00	0.96	0.97	21.99	0.65	0.42	1.13	0.81
Os09g0507200	U32109	MADS box protein.		1.00	1.00	11.06	1.00	1.00	1.09	1.30	1.96	0.92	5.17	1.00	0.36	0.56	30.60	1.08	1.08	1.08	1.18
Os09g0507200	U78892	MADS box protein.		1.00	0.90	6.44	1.07	1.21	0.96	0.96	1.57	1.00	4.02	1.00	0.84	0.79	17.58	0.68	0.45	0.33	0.62
Os09g0517100	AK100778	Disease resistance protein family protein.		1.00	11.13	9.34	4.72	1.77	0.68	2.08	6.74	3.25	0.91	1.00	9.81	5.16	2.24	0.46	5.93	2.34	0.77
Os09g0517100	AK119460	Disease resistance protein family protein.		1.00	10.21	10.20	3.66	1.27	0.78	2.24	6.89	3.42	1.03	1.00	9.61	4.06	1.80	0.40	4.55	1.44	0.65
Os09g0518000	AU183565	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	1.26	0.73	2.37	4.36	0.65	0.49	0.33	1.10	1.82	1.00	0.54	2.98	8.21	0.64	0.46	0.87	1.22
Os09g0524800	AK060485	Apoptosis regulator Bcl-2 protein, BAG domain containing protein.		1.00	2.70	1.96	0.97	1.06	0.74	0.83	1.08	0.85	0.70	1.00	2.01	1.57	1.23	1.00	1.28	1.17	1.22
Os09g0543900	AK109723	Transferase family protein.		1.00	22.98	854.43	40.93	3.14	1.08	2.47	143.67	51.25	1.08	1.00	767.04	34.45	5.71	1.00	373.15	20.30	1.65
Os09g0544000	Os09g0544000	Transferase family protein.		1.00	3.35	39.73	5.51	1.18	1.20	1.57	25.76	2.81	0.88	1.00	44.21	21.05	2.50	0.99	40.14	7.15	2.33
Os09g0551000	CI408875	Receptor-like protein kinase.		1.00	1.81	9.18	3.29	4.95	0.95	1.04	4.06	4.17	2.83	1.00	6.90	6.50	3.09	0.27	3.02	2.65	1.36
Os09g0555800	CI218546	AMP-dependent synthetase and ligase domain containing protein.		1.00	1.72	66.99	111.32	56.41	0.85	0.84	18.64	69.43	12.52	1.00	87.16	335.76	80.86	1.35	21.32	76.06	34.93
Os09g0556200	Os09g0556200	TPR repeat containing protein.		1.00	1.52	2.33	1.52	1.37	0.66	0.41	0.77	0.72	0.48	1.00	3.89	2.31	1.34	0.55	1.35	1.09	0.81
Os09g0561500	CI399063	EGF-like calcium-binding domain containing protein.		1.00	4.76	26.45	6.61	3.95	0.54	1.16	3.06	2.87	1.90	1.00	63.36	3.01	3.57	0.71	14.76	12.48	1.75
Os09g0561600	AK107166	Protein kinase domain containing protein.		1.00	13.68	25.00	11.26	5.25	1.38	5.48	19.85	8.91	4.90	1.00	22.99	7.22	4.18	0.57	11.38	4.70	2.55
Os09g0562600	AK102702	EGF-like calcium-binding domain containing protein.		1.00	3.91	3.16	2.05	1.54	1.06	0.98	2.00	1.71	1.05	1.00	4.38	2.40	1.85	0.80	2.02	1.60	1.46
Os10g0100900	AK068970	Conserved hypothetical protein.		1.00	0.92	1.13	2.16	1.64	1.16	0.83	0.35	1.16	0.71	1.00	1.15	2.01	1.85	0.59	0.45	1.11	0.84
Os10g0101000	AK121858	N/apple PAN domain containing protein.		1.00	1.43	2.78	1.92	1.31	0.96	0.73	1.23	1.95	0.96	1.00	2.93	3.46	1.97	0.86	1.84	2.11	1.30
Os10g0118800	CI258636	Cytochrome b561 family protein.		1.00	1.38	2.63	2.89	1.06	0.94	0.94	0.94	2.15	1.11	1.00	3.09	7.96	4.19	0.55	0.96	0.54	0.55
Os10g0142600	CI113585	Protein kinase domain containing protein.		1.00	0.93	1.35	6.43	2.77	0.32	0.48	0.68	1.19	1.03	1.00	4.69	9.79	2.88	0.45	1.00	0.88	0.60
Os10g0147900	AK120943	ARM repeat fold domain containing protein.		1.00	3.99	2.54	1.60	1.10	0.87	1.48	1.46	1.11	0.55	1.00	4.19	2.32	1.56	0.68	1.69	1.33	0.93
Os10g0205700	AK060177	Conserved hypothetical protein.		1.00	0.60	0.69	2.04	2.91	0.78	0.27	0.29	0.81	0.34	1.00	0.85	2.80	2.51	0.89	0.54	2.51	2.54
Os10g0325400	AK060392	Remorin, C-terminal region domain containing protein.		1.00	1.22	1.88	1.80	3.65	0.47	0.47	0.47	0.44	0.68	1.00	13.76	3.79	3.47	1.00	1.11	1.64	1.00
Os10g0337700	AK062808	MFP1 attachment factor 1.		1.00	3.61	4.62	1.88	0.92	0.56	1.41	1.46	0.59	0.38	1.00	3.52	1.67	1.79	0.39	0.66	0.73	0.68
Os10g0346300	AK110474	Multicopper oxidase, type 1 domain containing protein.		1.00	0.59	1.53	43.62	71.43	1.01	2.53	1.88	14.80	33.35	1.00	3.16	68.45	117.04	0.26	0.85	13.16	17.09

Os10g0370500	AK065000	Glycoside hydrolase, family 5 protein.		1.00	1.80	11.22	25.04	20.59	2.44	1.60	7.24	20.64	6.67	1.00	14.41	27.78	21.07	0.76	7.78	18.35	11.33
Os10g0375000	CI425616	(No Hit)		1.00	2.00	6.81	3.83	2.08	0.73	0.62	5.89	4.72	1.87	1.00	4.11	8.83	2.80	0.45	3.93	3.67	2.23
Os10g0391400	AK107854	ZIM domain containing protein.		1.00	36.81	39.64	10.56	3.39	0.62	20.27	21.68	4.06	1.85	1.00	40.35	7.10	1.64	0.56	22.75	3.13	1.36
Os10g0416100	AF330230	Class III chitinase RCB4 (EC 3.2.1.14).		1.00	1.21	2.17	3.53	2.90	1.09	1.08	1.81	2.45	1.36	1.00	2.64	2.88	2.60	0.72	1.55	2.31	2.13
Os10g0416100	AF350426	Class III chitinase RCB4 (EC 3.2.1.14).		1.00	1.09	1.76	3.18	3.09	1.02	0.96	1.46	2.17	1.40	1.00	2.07	2.48	2.74	0.73	1.27	1.98	2.06
Os10g0416100	AK061215	Class III chitinase RCB4 (EC 3.2.1.14).		1.00	1.23	2.02	3.50	3.51	1.02	1.19	1.72	2.33	1.63	1.00	2.37	2.61	2.84	0.70	1.26	1.93	2.00
Os10g0416100	AK071453	Class III chitinase RCB4 (EC 3.2.1.14).		1.00	1.23	1.96	3.26	3.53	1.01	1.14	1.67	2.29	1.63	1.00	2.13	2.47	2.73	0.70	1.27	1.93	1.98
Os10g0433100	CI150560	(No Hit)		1.00	2.07	4.66	3.93	2.38	0.85	0.38	2.67	3.40	2.00	1.00	5.27	3.26	2.03	0.46	1.85	1.71	1.16
Os10g0442900	CI246966	ABC transporter domain containing protein.		1.00	1.11	3.63	4.71	2.90	1.13	0.98	2.46	3.29	1.41	1.00	5.34	5.45	3.23	0.94	4.35	3.45	2.16
Os10g0450800	AK061298	Glycine-rich cell wall structural protein 2 precursor.		1.00	1.10	1.43	2.57	2.56	0.62	0.38	0.55	1.40	0.85	1.00	3.43	6.09	6.49	0.37	0.58	1.18	1.41
Os10g0450800	AK070851	Glycine-rich cell wall structural protein 2 precursor.		1.00	1.06	1.39	2.54	2.56	0.64	0.39	0.58	1.36	0.87	1.00	3.47	5.85	6.28	0.35	0.56	1.13	1.41
Os10g0451700	AK103350	Glycine-rich cell wall structural protein 2 precursor.		1.00	1.52	2.92	5.74	7.03	0.97	0.83	1.64	3.18	2.61	1.00	3.86	6.25	6.74	0.50	1.40	3.40	3.72
Os10g0451900	AK064070	Hypothetical protein.		1.00	1.31	1.24	3.45	4.14	1.52	1.09	1.13	3.45	1.84	1.00	2.40	5.86	7.68	0.73	1.02	2.62	2.09
Os10g0451900	AK102661	Hypothetical protein.		1.00	1.32	1.23	3.41	4.28	1.51	1.04	1.10	3.28	1.87	1.00	2.36	6.23	8.25	0.73	1.01	2.68	2.03
Os10g0452300	AB059239	Eggshell protein family protein.		1.00	1.07	1.80	3.22	4.80	0.73	0.74	0.98	1.64	1.93	1.00	2.06	2.78	3.26	0.76	0.70	1.33	1.97
Os10g0452300	AK121664	Eggshell protein family protein.		1.00	1.24	2.04	3.98	6.07	0.75	0.84	1.07	2.08	2.19	1.00	2.54	3.76	4.34	0.73	0.79	1.58	2.15
Os10g0467900	Os10g0467900	Protein kinase domain containing protein.		1.00	1.64	4.25	1.88	1.21	0.79	0.49	1.57	1.11	0.79	1.00	4.48	2.01	2.07	0.68	1.94	1.24	0.95
Os10g0468500	AK110897	Protein kinase domain containing protein.		1.00	1.82	5.64	2.30	1.02	0.67	0.09	1.75	0.89	0.53	1.00	7.74	5.88	3.15	0.59	3.19	2.79	1.37
Os10g0468500	AK120876	Protein kinase domain containing protein.		1.00	3.03	7.77	4.06	2.31	0.70	0.52	3.09	2.27	0.80	1.00	8.57	5.81	4.02	0.68	4.50	3.09	1.51
Os10g0469700	AK066165	Leucine-rich repeat, cysteine-containing type containing protein.		1.00	2.30	3.29	2.67	1.52	0.92	1.04	1.78	1.80	1.18	1.00	3.17	2.97	1.46	0.91	2.23	1.72	1.33
Os10g0479800	AK107572	Protein of unknown function DUF1336 domain containing protein.		1.00	1.22	2.45	1.87	1.05	0.87	0.36	1.56	2.05	0.53	1.00	3.32	2.34	1.41	0.70	1.40	1.75	0.50
Os10g0482900	AK071332	Glutaredoxin domain containing protein.		1.00	1.54	3.76	1.82	1.27	1.72	1.20	1.57	1.98	1.01	1.00	5.47	3.10	2.43	0.43	1.26	0.82	0.43
Os10g0502400	AB011416	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).		1.00	2.58	2.97	1.10	0.69	0.36	0.47	0.65	0.46	0.30	1.00	5.66	1.75	0.60	0.70	2.65	0.74	0.33
Os10g0502400	AK062231	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).		1.00	2.15	2.92	1.30	0.71	0.36	0.44	0.70	0.43	0.29	1.00	5.83	1.95	0.64	0.69	2.77	0.77	0.38
Os10g0502400	AK099393	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).		1.00	2.09	3.05	1.31	0.73	0.35	0.45	0.69	0.39	0.27	1.00	5.89	2.00	0.67	0.69	2.97	0.81	0.35
Os10g0513400	Os10g0513400	Cytochrome P450 family protein.		1.00	1.16	6.35	8.61	6.63	1.20	1.02	1.86	3.81	2.75	1.00	3.46	11.19	7.01	0.91	1.34	2.13	1.65
Os10g0514500	Os10g0514500	Cytochrome P450 family protein.		1.00	1.17	4.94	6.67	5.25	1.19	0.90	1.17	3.02	1.81	1.00	3.16	10.46	5.82	0.98	0.99	1.69	1.41
Os10g0515200	AK105678	Cytochrome P450 family protein.		1.00	1.04	0.90	1.79	2.37	1.14	0.74	0.53	1.15	1.15	1.00	1.49	2.25	3.64	0.98	0.90	1.93	2.12
Os10g0515900	AK106424	E-class P450, group I family protein.		1.00	1.59	21.45	42.28	30.86	1.29	0.99	4.75	13.98	8.44	1.00	14.87	96.12	50.43	0.18	2.75	3.91	1.30
Os10g0517500	AB040741	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.		1.00	0.96	30.24	11.02	6.77	1.65	1.16	10.49	5.94	3.38	1.00	61.58	26.87	5.60	0.83	26.57	10.17	4.57
Os10g0517500	AK100465	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.		1.00	0.87	21.25	12.78	7.38	1.77	1.14	7.63	7.19	3.45	1.00	41.95	26.89	13.44	0.71	20.02	15.00	8.19
Os10g0517500	AK105942	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.		1.00	0.88	22.15	13.26	7.05	1.91	1.32	9.14	7.51	3.65	1.00	42.89	25.99	14.18	0.68	19.35	15.17	8.43
Os10g0519300	CI255159	AAA ATPase, central region domain containing protein.		1.00	3.03	4.97	2.81	2.24	0.88	0.96	2.49	2.34	1.01	1.00	9.56	6.11	4.70	0.69	3.36	2.46	2.24
Os10g0521400	AK109013	Alpha/beta hydrolase fold domain containing protein.		1.00	2.15	8.55	1.99	1.00	0.86	1.53	3.69	1.13	0.46	1.00	32.40	7.39	1.53	0.88	11.35	1.61	0.89
Os10g0521900	AK061038	Rhomboid-like protein family protein.		1.00	16.46	2.12	0.45	0.59	1.30	5.90	2.14	0.80	0.92	1.00	2.21	0.42	0.66	0.60	0.73	0.40	0.56
Os10g0524300	AK063244	Peptidoglycan-binding LysM domain containing protein.		1.00	0.78	1.18	1.13	2.26	0.53	0.45	0.67	0.72	0.87	1.00	2.18	3.61	1.97	0.76	3.02	2.15	2.46
Os10g0524400	AK110268	Phospholipase D (EC 3.1.4.4).		1.00	2.18	3.09	2.53	1.36	1.07	0.60	1.21	2.19	0.49	1.00	1.97	3.32	3.48	0.27	0.39	0.62	0.23
Os10g0544600	AK105882	Zn-finger, RING domain containing protein.		1.00	0.83	8.66	3.79	2.59	0.85	0.81	4.36	1.59	1.24	1.00	9.59	2.44	0.98	0.92	8.12	1.57	1.16
Os10g0557900	CI422532	92 kDa type IV collagenase precursor (EC 3.4.24.35) (92 kDa gelatinase).		1.00	1.70	11.16	3.03	1.49	1.05	1.38	1.98	2.20	2.68	1.00	10.12	1.72	1.52	1.59	6.30	2.50	3.61
Os10g0562900	AK107989	Pathogenesis-related transcriptional factor and ERF domain containing protein.		1.00	38.84	17.06	5.51	2.83	0.85	8.78	10.47	5.48	2.05	1.00	34.48	6.34	1.76	0.50	5.92	4.79	2.42
Os10g0565200	CI411567	Beta-amylase PCT-BMYI (EC 3.2.1.2).		1.00	2.50	6.85	3.43	2.71	1.13	1.24	2.99	3.23	1.26	1.00	17.63	3.91	2.66	0.83	9.48	3.05	1.76
Os10g0567600	AK105119	Conserved hypothetical protein.		1.00	1.91	2.52	1.34	1.01	0.61	0.72	1.16	1.34	0.52	1.00	3.56	2.29	1.33	0.69	1.11	0.89	0.78
Os10g0571200	AK120979	Pyruvate kinase isozyme G, chloroplast (EC 2.7.1.40) (Fragment).		1.00	1.49	2.53	5.36	3.41	0.47	0.46	1.40	2.43	0.78	1.00	2.96	1.77	3.60	0.96	2.26	2.23	1.22
Os10g0574700	CI029916	Protein of unknown function DUF597 family protein.		1.00	2.43	2.57	2.03	1.68	0.84	1.18	1.92	1.97	1.12	1.00	2.63	2.16	1.97	0.72	1.47	1.20	1.12
Os10g0578200	AK110534	Cellulose synthase-9.		1.00	1.11	5.60	5.67	2.46	1.34	0.68	2.26	3.07	0.75	1.00	9.30	5.84	3.58	0.91	1.86	3.65	0.96
Os10g0580900	AK062821	Conserved hypothetical protein.		1.00	5.01	3.55	1.54	1.13	0.70	1.13	2.71	1.20	0.76	1.00	4.58	1.07	0.99	0.96	2.34	0.56	0.64
Os10g0580900	AK072734	Conserved hypothetical protein.		1.00	3.22	5.83	1.49	1.12	0.39	0.58	1.30	0.49	0.41	1.00	7.62	1.65	0.80	0.51	3.34	0.53	0.34
Os10g0580900	AK104136	Conserved hypothetical protein.		1.00	4.80	6.74	1.61	1.17	0.40	0.74	1.69	0.55	0.42	1.00	9.54	1.64	0.89	0.49	3.99	0.55	0.30
Os11g0100600	AK060331	Alpha/beta hydrolase family protein.		1.00	2.59	8.10	5.53	5.42	1.38	1.27	4.66	5.01	3.35	1.00	10.31	12.78	6.42	0.66	4.92	6.07	3.56
Os11g0109700	AK059364	Uncharacterized Cys-rich domain containing protein.		1.00	4.21	11.19	11.62	3.02	1.25	1.43	11.64	6.36	1.76	1.00	12.40	9.68	5.06	0.57	3.69	4.65	2.24
Os11g0109700	AK065601	Uncharacterized Cys-rich domain containing protein.		1.00	3.79	9.21	4.22	2.32	0.90	0.96	7.84	2.72	0.65	1.00	9.22	6.16	3.11	0.49	1.42	1.36	0.83
Os11g0109700	AK072035	Uncharacterized Cys-rich domain containing protein.		1.00	4.28	7.55	7.46	2.16	1.03	1.17	11.34	4.22	1.04	1.00	12.46	5.67	3.14	0.69	2.71	1.54	0.72
Os11g0109700	AK120107	Uncharacterized Cys-rich domain containing protein.		1.00	4.51	11.52	6.54	1.80	0.89	0.97	6.62	3.63	1.22	1.00	11.56	5.50	2.49	0.55	2.27	1.33	0.76
Os11g0117500	CI061950	(No Hit)		1.00	8.22	9.52	2.56	0.71	0.06	1.47	1.08	0.93	0.58	1.00	9.60	49.66	4.01	0.55	5.85	5.00	2.16
Os11g0121300	CI339638	Hypothetical protein.		1.00	0.70	2.05	2.15	1.08	0.62	0.44	1.00	1.08	0.60	1.00	2.36	1.48	0.78	0.51	1.25	1.03	0.66
Os11g0126900	AK069257	No apical meristem (NAM) protein domain containing protein.		1.00	1.12	3.08	2.24	1.70	0.60	0.74	1.11	1.86	0.86	1.00	9.32	13.47	6.39	1.07	10.36	5.21	2.53
Os11g0127600	AK067922	No apical meristem (NAM) protein domain containing protein.		1.00	1.77	2.12	1.33	1.59	0.63	1.02	1.06	0.84	1.14	1.00	2.99	1.77	1.04	0.78	1.94	1.00	0.92
Os11g0128300	AK063715	ZF-HD homeobox protein (Fragment).		1.00	0.87	5.82	2.77	1.67	1.05	1.23	2.81	1.99	1.39	1.00	6.34	6.69	2.92	1.14	5.09	4.61	1.47
Os11g0133300	AK102340	Resistance protein candidate (Fragment).		1.00	0.52	2.48	1.17	0.72	0.75	0.24	0.56	0.89	0.89	1.00	3.05	2.13	2.11	0.70	2.08	1.57	1.04
Os11g0133300	AK121819	Resistance protein candidate (Fragment).		1.00	0.97	4.15	1.80	1.07	0.60	0.60	0.60	0.97	0.91	1.00	6.30	7.42	6.38	1.46	3.94	4.99	3.51
Os11g0136300	CI352345	Protein of unknown function DUF6 domain containing protein.		1.00	5.81	25.36	3.61	1.18	1.55	1.86	9.63	2.22	1.17	1.00	15.58	2.97	1.03	0.39	5.44	1.17	0.33
Os11g0155100	AK108413	Cyclin-like F-box domain containing protein.		1.00	5.57	15.35	10.89	5.56	1.29	2.00	7.06	5.85	2.46	1.00	21.91	12.75	7.17	0.44	4.20	4.53	3.18
Os11g0168600	CI394492	Protein kinase domain containing protein.		1.00	1.76	5.38	2.94	1.66	0.80	0.87	2.60	2.29	1.20	1.00	4.58	3.47	1.90	0.30	1.43	1.23	0.70
Os11g0181800	AK071972	Short-chain dehydrogenase Tic32.		1.00	0.90	1.01	11.53	4.02	1.00	1.25	2.11	4.93	6.93	1.00	3.82	6.29	9.07	1.38	2.76	3.40	4.37
Os11g0228600	AK068380	NBS-LRR disease resistance protein homologue.		1.00	1.93	2.55	1.08	0.81	0.97	0.94	1.04	0.82	1.81	1.00	2.16	1.06	0.66	0.83	1.42	1.21	1.16
Os11g0230700	CI470608	(No Hit)		1.00	1.18	2.05	1.25	0.55	0.42	0.37	0.47	0.42	0.30	1.00	2.11	1.19	0.68	0.19	0.26	0.29	0.13
Os11g0244100	Os11g0244100	Transferase family protein.		1.00	1.28	6.33	3.08	2.78	1.47	1.46	2.37	4.50	2.54	1.00	6.65	3.90	1.31	0.23	0.51	0.42	0.43
Os11g0257200	Os11g0257200	SAM dependent carboxyl methyltransferase family protein.		1.00	1.00	21.87	7.13	5.48	0.95	0.95	4.45	10.17	2.01	1.00	20.27	10.35	0.97	1.05	13.76	2.95	1.76
Os11g0264500	Os11g0264500	Hypothetical protein.		1.00	1.37	3.59	2.15	1.16	0.95	1.27	1.50	1.29	0.86	1.00	4.96	2.20	1.69	0.99	2.57	1.41	0.79
Os11g0438700	AK063434	Glucose/ribitol dehydrogenase family protein.		1.00	1.71	2.03	3.45	1.49	0.45	0.45	1.33	0.95	0.48	1.00	15.85	7.52	5.88	1.00	8.09	3.06	1.59
Os11g0441500	AK069996	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1.00	0.83	2.27	1.70	1.17	0.72	0.38	1.12	1.07	0.81	1.00	2.09	1.90	1.28	0.37	0.99	0.91	0.62
Os11g0482200	AK062443	Hypothetical protein.		1.00	1.00	9.27	5.97	5.56	0.80	1.83	7.29	2.87	3.83	1.00	14.33	5.79	3.35	0.74	14.22	2.11	2.43
Os11g0483000	CI553248	Cytochrome P450 family protein.		1.00	10.05	34.91	9.89	5.04	0.51	5.98	7.16	2.07	1.78	1.00	23.37	16.64	6.90	1.36	20.42	7.28	5.29
Os11g0537400	AK063113	Non-protein coding transcript, unclassifiable transcript.	*Osrbohl*	1.00	2.54	5.38	1.40	0.76	0.85	0.58	2.95	0.86	0.43	1.00	10.27	3.41	1.64	0.50	3.31	1.03	0.80
Os11g0539500	Os11g0539500	O-methyltransferase, family 2 domain containing protein.		1.00	0.95	1.61	9.32	8.14	0.63	1.01	1.66	3.59	3.53	1.00	0.95	6.30	6.37	0.74	0.93	1.17	1.99
Os11g0542100	CI435373	(No Hit)		1.00	5.37	4.01	4.19	4.10	1.26	2.10	1.78	6.80	10.54	1.00	4.98	4.76	4.08	1.01	2.52	3.26	2.18
Os11g0557500	CI068054	(No Hit)		1.00	2.04	3.34	2.56	1.80	0.81	0.91	1.48	1.95	1.17	1.00	6.26	4.43	2.84	0.73	2.72	2.89	1.95
Os11g0599200	AK100744	Hypothetical protein.		1.00	1.30	16.01	4.30	1.81	1.79	0.92	11.25	2.88	0.64	1.00	75.36	22.17	5.12	0.87	46.88	10.75	2.24
Os11g0601700	AK068017	Basic helix-loop-helix dimerisation region bHLH domain containing protein.		1.00	1.07	2.18	1.04	0.91	0.41	0.35	0.32	0.40	0.22	1.00	3.36	1.71	0.74	0.44	1.18	0.34	0.34
Os11g0614400	AK058531	Patatin-like protein 1.		1.00	1.00	6.95	1.39	1.00	1.11	1.11	1.11	6.87	2.94	1.00	2.88	6.15	1.00	1.00	2.56	1.37	1.00
Os11g0620500	AK120965	Protein kinase domain containing protein.		1.00	1.27	0.99	2.32	1.73	1.37	0.83	1.22	3.66	0.68	1.00	1.52	2.81	5.23	0.62	0.67	2.01	0.94
Os11g0629600	AK119302	BTB/POZ domain containing protein.		1.00	1.75	2.84	3.93	2.50	0.79	0.55	1.86	2.76	0.36	1.00	3.24	3.05	3.80	0.37	1.52	1.27	0.48
Os11g0641500	AK103094	Multicopper oxidase, type 1 domain containing protein.		1.00	1.15	11.15	32.16	17.41	1.76	1.72	8.36	18.47	7.39	1.00	12.99	23.91	10.35	0.27	4.89	11.52	4.12
Os11g0642400	CI434548	(No Hit)		1.00	1.35	8.11	3.42	1.42	0.18	0.24	2.25	0.37	0.22	1.00	28.13	7.88	2.77	0.32	8.49	1.01	0.62
Os11g0642400	CI434548	(No Hit)		1.00	1.28	8.06	3.24	1.40	0.20	0.29	2.85	0.53	0.26	1.00	28.14	10.03	2.78	0.46	14.55	1.97	1.24
Os11g0649900	CI234556	Exo70 exocyst complex subunit family protein.		1.00	6.59	12.69	8.63	7.63	1.65	3.55	5.62	8.12	3.62	1.00	23.67	8.31	7.24	1.14	11.31	7.72	5.90
Os11g0650700	CI234556	(No Hit)		1.00	7.03	12.13	9.46	7.58	1.69	3.59	5.51	8.46	3.64	1.00	22.01	8.29	7.66	1.14	12.36	9.54	5.97
Os11g0664000	CI517285	(No Hit)		1.00	2.51	3.51	2.39	2.31	1.15	1.12	1.27	2.37	1.76	1.00	4.22	6.39	5.21	0.52	1.16	0.81	0.46
Os11g0664000	CI517285	(No Hit)		1.00	2.85	1.76	2.22	2.39	1.17	1.04	2.49	2.74	2.20	1.00	3.58	3.52	1.86	0.42	1.53	1.52	0.91
Os11g0684000	AY026332	Myb, DNA-binding domain containing protein.		1.00	3.07	3.41	4.85	1.72	0.71	1.33	3.07	1.44	2.56	1.00	6.85	1.39	0.62	0.74	6.77	0.70	0.63
Os11g0686500	AK066559	Disease resistance protein family protein.		1.00	0.71	1.92	3.58	3.08	0.63	0.40	1.09	1.99	1.45	1.00	1.94	4.61	2.15	0.53	0.99	1.26	1.45
Os11g0696900	CI424604	Laccase (EC 1.10.3.2).		1.00	0.98	2.32	1.38	0.99	0.49	0.45	0.80	0.70	0.58	1.00	1.48	2.40	2.65	0.66	1.05	1.28	0.94
Os11g0701400	AK106319	Chitinase (EC 3.2.1.14).		1.00	1.55	6.48	8.35	8.24	1.31	1.42	3.50	6.80	4.10	1.00	5.52	6.08	5.68	0.70	3.79	4.47	3.72
Os11g0701400	D55710	Chitinase (EC 3.2.1.14).		1.00	1.59	7.30	8.91	9.72	1.31	1.51	3.72	7.53	4.67	1.00	6.42	7.66	6.89	0.70	4.11	5.07	4.15
Os11g0701800	AB027415	Class III chitinase homologue (OsChib3H-a).		1.00	1.32	5.46	7.69	6.64	1.01	0.87	2.23	5.31	1.92	1.00	4.29	4.10	3.24	0.76	2.96	3.29	1.85
Os11g0701800	AB027419	Class III chitinase homologue (OsChib3H-a).		1.00	1.38	5.42	6.98	6.16	0.95	0.84	2.17	4.39	1.85	1.00	3.51	3.41	2.87	0.75	2.65	2.81	1.89
Os11g0701900	AK064281	Glycoside hydrolase, family 18 protein.		1.00	1.58	10.05	16.35	11.44	1.29	1.38	5.43	11.32	5.05	1.00	6.68	10.46	5.72	0.54	3.99	6.33	3.54
Os11g0702000	AK106678	Conserved hypothetical protein.		1.00	2.37	10.52	7.30	3.71	1.03	0.69	6.47	5.18	3.08	1.00	5.58	9.00	2.86	0.30	0.80	1.84	1.29
Os11g0702100	AK102505	Class III chitinase homologue (OsChib3H-h) (Fragment).		1.00	1.95	11.35	9.51	5.99	1.26	1.48	6.02	7.08	2.97	1.00	9.77	6.40	4.15	0.56	5.17	3.64	2.20
Os11g0704600	AK100931	Glycoside hydrolase, family 17 protein.		1.00	1.42	2.04	1.38	1.09	0.70	0.38	1.00	1.10	0.41	1.00	3.29	3.19	2.98	0.80	2.08	1.63	1.13
Os11g0704600	AK102883	Glycoside hydrolase, family 17 protein.		1.00	1.40	2.03	1.35	1.03	0.72	0.37	0.95	1.12	0.39	1.00	3.36	3.43	2.97	0.78	1.89	1.62	1.05
Os11g0705800	Os11g0705800	Scarecrow-like 9 (Fragment).		1.00	1.47	2.98	2.02	1.66	1.02	0.85	1.92	1.66	0.83	1.00	2.86	2.31	2.20	0.71	1.92	1.82	1.26
Os12g0104900	CI128990	Calcium-binding EF-hand domain containing protein.		1.00	7.30	10.51	4.66	3.60	1.11	5.60	4.48	15.13	8.11	1.00	13.00	8.71	4.21	0.84	6.91	4.35	4.43
Os12g0109700	AK058609	Hypothetical protein.		1.00	5.32	25.96	15.28	4.99	1.75	0.98	21.70	12.96	3.72	1.00	28.30	17.02	10.55	0.54	6.90	7.93	3.25
Os12g0116700	CI182903	WRKY transcription factor 64.		1.00	7.49	7.36	2.34	0.71	0.06	0.22	0.74	0.76	0.59	1.00	10.53	35.21	2.36	0.54	5.14	3.66	1.04
Os12g0121000	AK068049	Hypothetical protein.		1.00	0.65	2.62	4.79	2.06	0.52	0.34	0.83	1.38	0.71	1.00	4.98	5.04	2.01	0.68	3.12	3.57	1.84
Os12g0123800	AB182278	CUC2.		1.00	3.56	6.63	4.04	3.46	0.70	1.56	3.25	2.30	1.88	1.00	15.23	5.28	3.69	0.60	4.85	2.18	1.69
Os12g0123800	Os12g0123800	CUC2.		1.00	3.29	5.67	3.14	3.00	0.74	1.57	2.68	2.20	1.96	1.00	10.66	4.54	3.36	0.68	4.24	2.62	1.82
Os12g0136300	AK106901	Hypothetical protein.		1.00	2.09	4.34	1.76	1.24	1.13	1.01	2.40	1.61	1.10	1.00	4.13	3.57	3.91	0.55	2.90	2.04	1.40
Os12g0145100	AK067141	Wali7 protein (Fragment).		1.00	0.96	2.52	5.12	4.34	1.16	1.37	1.95	2.65	2.04	1.00	3.42	3.87	3.23	0.71	2.44	2.51	1.83
Os12g0145100	AK104102	Wali7 protein (Fragment).		1.00	0.97	2.48	4.86	4.22	1.18	1.46	1.98	2.63	2.08	1.00	3.28	3.60	2.97	0.71	2.45	2.43	1.76
Os12g0145100	AK104347	Wali7 protein (Fragment).		1.00	0.97	2.47	4.85	4.43	1.14	1.43	1.92	2.54	1.99	1.00	3.31	3.51	2.95	0.71	2.49	2.54	1.82
Os12g0150200	AK064287	Cytochrome P450 family protein.		1.00	5.06	4.37	1.76	1.04	0.67	1.33	1.74	0.85	0.45	1.00	4.95	2.45	1.98	0.63	2.20	0.80	0.60
Os12g0159000	AK107952	Harpin-induced 1 domain containing protein.		1.00	5.92	6.92	2.01	1.72	0.55	3.38	1.79	1.48	1.13	1.00	4.70	1.20	0.96	0.14	0.51	0.22	0.26
Os12g0181600	AK061470	Amino acid/polyamine transporter II family protein.		1.00	3.08	2.72	0.85	0.98	0.76	0.84	1.35	0.87	0.54	1.00	5.44	4.77	1.69	1.45	6.58	3.12	2.00
Os12g0189300	AK058936	Isocitrate lyase and phosphorylmutase family protein.		1.00	0.47	21.71	0.62	0.60	0.50	0.50	0.50	0.50	0.50	1.00	0.94	8.00	0.59	3.89	105.64	2.88	1.56
Os12g0189300	AK068710	Isocitrate lyase and phosphorylmutase family protein.		1.00	1.00	14.65	1.00	1.00	0.48	0.48	0.48	0.20	0.48	1.00	20.99	16.58	1.00	2.55	58.70	6.10	1.24
Os12g0190400	CI562241	Phage head-tail adaptor, putative family protein.		1.00	3.05	19.99	10.96	8.06	0.74	0.74	2.33	3.76	3.30	1.00	2.55	8.85	4.96	0.40	4.79	1.81	1.71
Os12g0211500	AK103606	Leucine-rich repeat, plant specific containing protein.		1.00	1.16	2.12	4.23	2.91	0.53	0.36	0.72	1.58	0.76	1.00	1.96	2.38	2.19	0.59	1.33	1.42	0.85
Os12g0220800	AK108124	Hypothetical protein.		1.00	3.75	4.76	1.61	1.09	0.70	1.62	2.60	1.01	0.91	1.00	3.41	1.42	0.94	0.92	2.17	1.05	0.93
Os12g0236600	AK063473	Conserved hypothetical protein.		1.00	2.21	2.40	1.45	1.36	0.96	0.81	0.87	0.84	0.66	1.00	4.35	2.65	1.74	0.78	1.67	2.06	1.60
Os12g0242100	AK109396	Eggshell protein family protein.		1.00	1.06	1.54	2.98	1.83	0.65	0.30	0.50	0.96	0.48	1.00	2.22	2.47	1.29	0.56	0.56	1.36	0.84
Os12g0257600	CI522488	Multicopper oxidase, type 1 domain containing protein.		1.00	1.11	3.67	3.48	4.66	0.94	1.33	1.81	2.85	3.09	1.00	4.06	3.03	3.20	0.41	1.17	1.74	1.03
Os12g0268000	AF088221	Cytochrome P450 71A1 (EC 1.14.-.-) (CYPLXXIA1) (ARP-2).		1.00	1.08	2.14	6.09	3.73	1.28	0.84	1.37	3.70	1.37	1.00	4.67	13.94	6.96	0.80	2.33	7.99	3.14
Os12g0268000	AK071599	Cytochrome P450 71A1 (EC 1.14.-.-) (CYPLXXIA1) (ARP-2).		1.00	1.18	2.39	7.12	4.35	1.24	0.95	1.55	4.10	1.56	1.00	5.11	15.72	6.79	0.78	2.56	7.88	3.34
Os12g0272500	AK120114	Non-protein coding transcript, uncharacterized transcript.		1.00	0.90	0.35	2.09	2.46	1.19	1.31	0.72	2.81	0.90	1.00	0.45	1.19	3.44	0.99	0.52	1.11	2.01
Os12g0278700	AK071421	Cystinosin homolog.		1.00	0.87	0.77	1.73	2.05	0.27	0.34	0.44	0.37	0.84	1.00	0.81	2.90	2.01	0.37	0.24	0.82	0.71
Os12g0283900	AK099847	Protein prenyltransferase domain containing protein.		1.00	1.70	4.75	2.83	1.75	0.69	0.66	1.35	1.18	1.13	1.00	3.99	3.88	2.51	0.59	3.81	2.20	1.47
Os12g0293000	AK069712	Hypothetical protein.		1.00	1.24	1.26	2.39	2.12	1.36	1.36	2.03	3.36	1.00	1.00	1.94	1.38	3.91	0.69	0.72	1.11	0.67
Os12g0418600	Os12g0418600	Hypothetical protein.		1.00	1.18	5.80	2.24	1.11	0.71	0.68	2.57	1.09	0.73	1.00	2.25	0.67	0.68	0.49	1.92	0.51	0.33
Os12g0421000	AK071491	Barley stem rust resistance protein.		1.00	1.22	2.99	4.98	3.54	0.30	0.49	0.97	1.29	1.14	1.00	2.01	2.32	1.62	0.27	0.55	0.85	0.58
Os12g0437800	AK063833	CI2E.		1.00	1.58	14.71	45.32	35.32	1.11	3.75	11.28	17.02	16.75	1.00	27.04	18.05	11.79	0.62	23.03	12.55	5.31
Os12g0448900	AF229813	Animal haem peroxidase family protein.		1.00	1.43	102.76	64.25	32.76	0.66	0.66	13.61	21.24	14.75	1.00	33.76	16.26	9.25	0.33	52.39	21.55	15.76
Os12g0448900	AK100592	Animal haem peroxidase family protein.		1.00	1.40	44.19	50.97	26.19	0.78	1.31	25.99	20.56	9.00	1.00	24.49	13.15	8.61	0.34	17.19	9.78	5.01
Os12g0477400	CI549926	No apical meristem (NAM) protein domain containing protein.		1.00	1.62	2.47	1.48	1.75	0.77	1.00	1.16	1.07	1.04	1.00	4.12	2.83	1.62	1.13	2.35	1.46	1.40
Os12g0516800	CI257278	Protein of unknown function DUF231 domain containing protein.		1.00	0.85	4.57	5.58	4.27	0.96	0.69	3.20	4.53	1.77	1.00	7.12	5.23	4.89	0.90	2.62	2.99	1.58
Os12g0518200	AK070844	Protein of unknown function DUF6 domain containing protein.		1.00	9.04	52.72	6.16	0.99	2.08	2.18	14.96	3.15	1.53	1.00	52.71	8.48	1.14	0.51	26.37	3.76	0.68
Os12g0541300	CI480228	Respiratory burst oxidase homolog.	*OsrbohH*	1.00	1.65	4.31	1.35	0.78	0.79	0.70	2.99	1.24	0.48	1.00	6.91	2.78	1.55	0.97	4.05	1.30	0.83
Os12g0550800	AK098944	Hypothetical protein.		1.00	2.25	1.76	3.17	3.10	1.51	1.40	1.51	3.56	0.52	1.00	2.23	4.04	3.60	1.99	2.84	3.67	1.27
Os12g0550800	AK102550	Hypothetical protein.		1.00	1.33	1.61	3.85	2.91	1.51	1.18	1.34	3.04	0.87	1.00	1.68	2.27	4.63	2.18	3.37	4.24	1.21
Os12g0552200	AK106375	Patatin-like protein 3.		1.00	1.00	5.61	6.36	2.58	1.11	1.11	1.11	2.96	2.09	1.00	8.43	9.75	5.93	1.01	2.33	9.92	6.43
Os12g0559200	AJ270938	Lipoxygenase (EC 1.13.11.12).	*LOX*	1.00	1.00	9.78	1.73	1.00	0.89	0.89	0.89	0.68	1.33	1.00	3.15	5.22	0.80	0.92	2.33	2.16	1.22
Os12g0560900	AK071530	Non-protein coding transcript, putative npRNA.		1.00	1.12	5.56	8.56	3.38	1.22	0.81	2.41	4.59	1.48	1.00	5.76	4.90	2.34	0.59	2.75	3.03	1.28
Os12g0575000	AK104945	Protein of unknown function DUF1118 family protein.		1.00	1.46	14.49	1.06	1.00	1.12	2.46	4.06	2.64	4.23	1.00	24.26	5.38	2.48	1.12	5.11	1.78	0.76
Os12g0580400	AK099986	Amino acid/polyamine transporter I family protein.		1.00	0.89	4.17	2.25	1.87	0.72	0.38	1.70	1.20	0.61	1.00	5.49	5.46	4.27	1.15	4.09	3.00	2.21
Os12g0583700	AY219847	Zn-finger, C2H2 type domain containing protein.		1.00	3.83	11.29	7.97	5.65	1.24	2.06	5.31	6.05	3.90	1.00	10.44	4.74	2.91	0.61	7.05	3.16	1.92
Os12g0595800	AK072425	Protein kinase domain containing protein.		1.00	1.92	5.90	5.92	3.75	0.93	0.87	2.96	3.88	1.46	1.00	10.51	8.11	6.09	0.70	4.06	4.78	3.21
Os12g0595800	AK099661	Protein kinase domain containing protein.		1.00	1.67	5.18	4.99	3.39	0.92	0.76	2.63	3.52	1.25	1.00	10.55	7.83	6.10	0.76	5.38	5.07	3.69
Os12g0595800	AK101874	Protein kinase domain containing protein.		1.00	1.77	5.20	5.30	3.55	0.91	0.76	2.66	3.35	1.30	1.00	10.38	9.31	5.56	0.73	4.71	5.15	3.16
Os12g0595800	AK121185	Protein kinase domain containing protein.		1.00	1.81	5.74	5.28	3.31	0.94	0.86	2.92	3.57	1.48	1.00	10.63	9.60	6.34	0.68	4.86	3.87	3.22
Os12g0608500	AK107367	Protein kinase domain containing protein.		1.00	4.37	3.94	2.48	1.38	1.13	1.83	1.71	2.16	0.90	1.00	8.75	3.59	2.20	0.79	2.12	4.82	1.95
Os12g0609200	AK067245	Hypothetical protein.		1.00	1.19	1.55	6.23	6.06	1.00	1.24	2.03	5.56	2.44	1.00	2.32	3.57	8.38	0.74	1.06	2.06	1.58
Os12g0617400	AK107649	Viviparous-14.	*OsNCED2*	1.00	2.94	2.87	3.67	6.86	0.87	1.66	2.07	3.36	1.90	1.00	7.92	6.24	14.25	0.34	6.55	3.48	6.91
Os12g0635400	AK063156	Hypothetical protein.		1.00	1.54	5.81	2.17	2.73	1.04	1.13	2.57	1.45	1.46	1.00	2.53	3.34	1.74	0.80	1.67	1.92	0.84
Os12g0635700	AK108161	Conserved hypothetical protein.		1.00	1.67	4.81	8.09	9.76	1.26	0.93	3.41	6.74	3.66	1.00	5.44	8.79	10.46	0.51	2.30	3.93	5.26
Os12g0637000	CI495215	Purple acid phosphatase precursor (EC 3.1.3.2).		1.00	1.00	9.90	5.72	1.34	0.80	0.51	1.63	1.57	0.31	1.00	7.15	15.83	2.14	1.07	1.68	2.18	0.24
Os12g0639400	AK110532	AAA ATPase, central region domain containing protein.		1.00	0.67	2.22	2.22	2.89	0.59	0.99	1.12	1.18	1.23	1.00	2.91	3.81	2.53	0.80	2.67	2.27	1.97
osa-miR416	Os04	miRNA		1.00	1.18	4.79	1.46	1.13	0.83	0.95	1.90	1.11	0.87	1.00	2.06	1.53	1.09	0.80	1.88	0.70	0.73
PZmControl0003	X12539	NONE		1.00	1.67	2.45	2.45	2.13	0.83	1.14	1.08	1.24	1.14	1.00	2.39	1.67	1.18	0.61	1.16	0.82	0.75
PZmControl0003	X12539	NONE		1.00	2.03	2.60	2.56	1.83	0.85	1.21	1.64	1.15	1.57	1.00	2.22	1.73	1.27	0.63	1.15	0.79	0.64
PZmControl0003	X12539	NONE		1.00	1.26	2.14	2.51	2.19	0.89	1.28	1.34	1.34	1.09	1.00	2.45	1.74	1.06	0.61	1.26	0.91	0.87
PZmControl0003	X12539	NONE		1.00	1.93	3.19	2.72	2.30	1.02	1.66	2.29	1.34	1.72	1.00	2.04	1.49	1.02	0.56	1.05	1.23	0.73

Supplemental Table 3. Differentially expressed transcripts between TvX-treated wild-type, *Ostpc1* and complementation lines at different time points.
Each values represents the fluorescent signals of TvX (30 μg ml^{-1})-treated rice cells.

Locus ID	Accession	Description	Symbol	Wild-type					*Ostpc1*					*Ostpc1 / OsTPC1*				*Ostpc1 / GUS*			
				0	0.5	2	6	12	0	0.5	2	6	12 (h)	0	2	6	12	0	2	6	12 (h)
Os01g0102500	AK100002	Conserved hypothetical protein.		33	59	69	39	39	23	32	59	32	15	22	74	39	33	11	32	12	9
Os01g0106400	AK102701	Isoflavone reductase-like protein.		2189	1753	4846	17436	24938	3553	2863	3178	7195	11295	1915	4273	17547	18599	716	786	4460	5860
Os01g0106400	AK109339	Isoflavone reductase-like protein.		2329	1911	5069	18074	27261	3745	2856	3337	7685	12367	1891	4138	17954	18317	696	825	4430	5562
Os01g0106400	AY071920	Isoflavone reductase-like protein.		2788	2300	6010	22383	30941	4450	3450	4006	9032	14142	2227	4807	20882	21485	804	923	4985	6498
Os01g0126100	AK106990	Calycin family protein.		351	499	500	770	1427	172	177	198	467	353	104	113	220	165	56	92	119	95
Os01g0127000	AK105526	Multicopper oxidase, type 1 domain containing protein.		52	59	568	511	247	41	39	76	93	53	35	369	392	194	32	222	289	77
Os01g0127900	AK070177	Mannose-6-phosphate isomerase, type I family protein.		73	229	850	342	261	83	128	513	224	89	32	740	190	110	21	267	80	119
Os01g0128000	AK107424	Myb, DNA-binding domain containing protein.		31	38	96	45	139	19	29	61	49	55	66	230	162	115	30	71	75	254
Os01g0130200	CI449644	(No Hit)		102	110	264	162	95	39	58	65	70	93	68	82	153	50	20	33	27	27
Os01g0132000	AB059238	Bowman-Birk type wound induced proteinase inhibitor WIP1 precursor.		13316	34153	138286	211688	157424	21106	37056	140492	101705	58706	15370	126687	73810	38859	8396	177815	104551	66644
Os01g0136500	Os01g0136500	Hypothetical protein.		145	191	592	379	205	148	89	364	222	164	79	369	302	150	59	223	242	157
Os01g0141000	AK065008	AP2 domain containing protein RAP2.8 (Fragment).		502	517	1567	818	514	285	309	687	577	452	455	1695	1084	603	276	671	399	334
Os01g0149900	AK066489	Conserved hypothetical protein.		24	23	114	90	81	24	23	43	113	47	23	236	118	59	19	84	48	28
Os01g0155500	AK099840	Resistance protein candidate (Fragment).		71	337	542	850	706	65	91	225	493	232	42	279	786	387	18	72	351	267
Os01g0159300	AK073728	Zn-finger, RING domain containing protein.		48	117	303	145	121	39	49	162	84	57	41	369	110	102	22	187	69	60
Os01g0160800	AB051108	Protein synthesis inhibitor II (EC 3.2.2.22) (Ribosome-inactivating protein II) (rRNA N-glycosidase).		2020	6363	35149	14979	11830	2263	4056	22814	9641	5133	1699	22270	4066	4263	1047	17431	5617	3825
Os01g0170000	AK061224	Raffinose synthase family protein.		298	425	825	374	217	329	261	404	288	155	163	1204	468	245	153	676	254	198
Os01g0179000	CI071220	Transferase family protein.		1483	4437	11853	2588	1137	858	1211	3379	1146	529	932	14796	2643	721	545	4727	864	344
Os01g0186900	AK105331	Hypothetical protein.		649	11240	2320	702	1251	702	3845	1401	919	1010	843	4902	763	945	377	900	363	419
Os01g0192300	AK062109	I-box binding factor (Fragment).		180	233	744	207	226	135	161	261	109	111	55	390	111	115	73	287	77	69
Os01g0194000	AK058353	Conserved hypothetical protein.		44	180	138	110	101	35	62	68	92	44	20	97	66	37	21	61	42	29
Os01g0194000	AK071994	Conserved hypothetical protein.		302	1620	981	871	694	266	500	515	636	298	119	736	445	354	90	307	199	157
Os01g0208700	AK066635	Phosphoenolpyruvate-carboxylase (Fragment).		667	782	2015	2094	1277	447	364	1035	1248	476	374	1653	1243	1483	411	995	851	572
Os01g0209700	AK108802	Gibberellin 2-beta-dioxygenase (EC 1.14.11.13) (Gibberellin 2-beta- hydroxylase).		5	14	163	12	5	6	6	70	24	12	7	107	24	15	5	81	5	5
Os01g0213400	AK068075	Zn-finger, RING domain containing protein.		203	630	1583	897	544	158	364	778	600	461	196	1879	707	467	118	1106	586	429
Os01g0246700	AK105509	WRKY transcription factor 1.		1449	6024	8548	5361	3883	1890	2958	4627	5380	2229	844	6393	5252	3898	534	2462	2692	1911
Os01g0268500	Os01g0268500	Conserved hypothetical protein.		14	18	41	14	11	12	9	19	12	10	13	31	24	13	12	16	10	6
Os01g0276700	AK103465	Pyruvate kinase, cytosolic isozyme (EC 2.7.1.40) (PK).		242	322	672	469	401	151	111	335	258	253	147	334	217	159	87	173	140	142
Os01g0289600	CI551338	DNA-binding WRKY domain containing protein.		128	225	334	389	282	130	95	135	261	107	45	209	356	211	33	161	124	87
Os01g0296700	AK105791	Glycoside hydrolase, family 3, C-terminal domain containing protein.		37	60	130	54	30	13	8	25	27	12	22	106	116	52	22	57	31	16
Os01g0297200	AK109883	AAA ATPase, central region domain containing protein.		3682	4172	8251	5316	4079	1804	1561	1968	1974	1400	1127	3397	2377	1854	879	1826	1337	1127
Os01g0298400	CI441351	MYB9.		6	105	41	10	8	5	34	19	17	9	5	27	14	13	4	21	4	4
Os01g0313600	CI434821	(No Hit)		147	183	215	331	310	162	162	178	361	116	125	233	274	385	178	233	301	171
Os01g0323600	U82833	S-adenosylmethionine synthetase 2 (EC 2.5.1.6) (Methionine adenosyltransferase 2).		56517	55403	112269	116591	66049	60919	39531	53331	87220	43628	41290	125852	138999	92258	34799	67480	86133	57486
Os01g0342700	AK106603	PDR-like ABC transporter (PDR4 ABC transporter).		131	128	857	3396	3228	160	179	1028	2632	1500	155	1285	2943	1983	94	933	2026	1304
Os01g0342700	AY332479	PDR-like ABC transporter (PDR4 ABC transporter).		201	205	1382	4813	4677	224	266	1226	3361	1998	200	1618	3501	2455	134	1228	2803	1406
Os01g0346400	CI434004	Conserved hypothetical protein.		160	111	289	386	200	125	77	105	229	223	284	305	783	371	22	21	87	94
Os01g0363300	AK059622	Protein of unknown function DUF588 family protein.		5	4	31	13	5	9	9	14	26	8	13	77	74	24	5	23	19	13
Os01g0372400	AK108314	Glutathione S-transferase, C-terminal domain containing protein.		23	70	341	83	43	33	49	154	70	67	7	151	23	24	6	111	20	12
Os01g0498300	AK069247	Protein of unknown function DUF563 family protein.		2107	15422	6752	2721	2515	1271	4268	3653	2070	1389	1296	3777	1970	1750	1026	2119	1400	1190
Os01g0508500	AK120501	Hypothetical protein.		6	15	56	25	6	6	6	6	13	6	21	104	209	59	5	5	5	5
Os01g0546800	AK066636	Pectate lyase/Amb allergen family protein.		570	933	1480	1427	872	582	609	733	1201	524	240	951	915	510	155	422	508	347
Os01g0561600	AK069494	Cytochrome P450 family protein.		778	893	11014	25767	18695	1379	1162	8344	19639	8829	227	6967	12469	8142	92	3771	7470	5753
Os01g0575200	AK106333	Rb (Fragment).		1235	4873	10290	4354	4326	997	2268	6586	5283	3341	908	9263	4184	3014	504	4226	2331	2053
Os01g0582600	CI545664	Conserved hypothetical protein.		181	484	526	204	178	139	172	275	165	116	147	337	223	150	72	142	96	93
Os01g0584900	AK108522	WRKY transcription factor 67.		64	222	1299	623	407	56	132	629	282	238	337	2384	515	327	52	675	166	106
Os01g0585300	AK071353	Protein of unknown function DUF1118 family protein.		22	65	172	80	75	20	29	52	41	41	38	140	92	70	7	61	23	28
Os01g0585300	AK099180	Protein of unknown function DUF1118 family protein.		25	70	112	58	84	23	34	75	49	42	39	122	75	69	9	95	28	39
Os01g0597600	AU056136	Amino acid/polyamine transporter II family protein.		43	1254	110	32	28	50	131	51	20	19	11	35	19	10	13	17	15	10
Os01g0597800	AK102671	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		3569	9696	17770	11949	11467	4244	5664	12049	9204	5674	1768	8071	4340	4833	1334	5188	3262	2972
Os01g0604500	AK064844	Flagellar calcium-binding protein (calflagin) family protein.		114	244	503	259	174	117	115	298	179	125	73	345	178	104	51	205	119	122
Os01g0606100	AU174579	Conserved hypothetical protein.		4169	7021	8654	4543	3939	3600	2956	4577	4316	2723	1897	5343	3391	3420	1741	3138	2493	2290
Os01g0609200	Os01g0609200	ABC transporter related domain containing protein.		994	1854	3571	2318	2490	945	653	2671	1742	1134	468	2494	1590	1650	272	1343	926	927
Os01g0609300	AK058981	PDR-like ABC transporter (PDR3 ABC transporter).		1479	3144	6832	3684	4195	1436	1249	4852	3129	1997	529	3547	2332	2211	303	2099	1086	1165
Os01g0609300	AK100135	PDR-like ABC transporter (PDR3 ABC transporter).		2768	5879	13923	7433	8461	2402	2027	9116	5542	3419	989	6703	4399	4215	533	3666	1964	2205
Os01g0609300	AY271618	PDR-like ABC transporter (PDR3 ABC transporter).		1841	4212	8686	4651	5213	1745	1620	5903	1330	2565	671	4311	3035	2917	377	2396	1421	1449
Os01g0609900	AK065988	PDR-like ABC transporter (PDR4 ABC transporter).		1241	2762	8036	3237	1958	1252	917	4781	3098	1091	454	5452	3195	1406	473	3814	2129	1024
Os01g0609900	AK121722	PDR-like ABC transporter (PDR4 ABC transporter).		1257	2754	8396	3454	2067	1272	985	4909	2984	1140	494	6107	3738	1535	509	3828	2288	1105
Os01g0615100	AJ601438	Substilin /chymotrypsin-like inhibitor (Proteinase inhibitor).		5	5	44	86	117	5	7	21	244	209	7	149	218	460	5	152	83	59
Os01g0618700	CI502054	Lipase, class 3 family protein.		1899	2226	7564	6317	3944	1493	1056	4506	5867	1558	1055	4485	4136	4000	1132	3114	2632	2095
Os01g0623500	AK066142	AAA ATPase, central region domain containing protein.		1687	3036	6181	2710	1906	1190	1328	3517	1776	1080	1991	6947	2887	1926	1259	4078	1534	1111
Os01g0628700	CI002312	Cytochrome P450.		3789	14294	17528	6194	5089	1344	3218	8269	1885	1971	2577	13860	5455	3952	1855	8951	1729	1633
Os01g0629600	AK071156	Peptidase S10, serine carboxypeptidase family protein.		20551	16231	13706	45381	90008	46131	21000	18486	62723	41620	15451	12823	26198	74606	14231	7171	27791	44086
Os01g0644900	AK106910	Conserved hypothetical protein.		48	893	996	103	68	63	698	407	197	120	42	376	204	27	67	407	74	58
Os01g0648000	AK120308	Potassium channel.		300	399	1447	363	234	212	185	587	291	186	180	883	95	82	138	487	104	106
Os01g0648000	AY065970	Potassium channel.		336	422	1616	413	270	244	231	634	328	209	201	883	100	89	158	572	101	111
Os01g0654100	AK069482	CTP synthase (EC 6.3.4.2) (UTP--ammonia ligase) (CTP synthetase).		17	18	10	43	43	23	21	14	33	16	4	9	31	23	5	5	15	12
Os01g0656400	AY676926	WRKY transcription factor 15.		44	208	127	53	43	42	58	51	46	43	41	129	41	42	30	41	43	41
Os01g0661800	AK103579	Conserved hypothetical protein.		42	74	98	63	63	21	22	27	49	18	40	83	68	72	24	79	37	16
Os01g0665500	AK111013	WRKY transcription factor 34.		57	74	149	110	74	67	23	98	80	29	43	132	117	114	42	78	65	78
Os01g0667900	AK105335	Glutaredoxin domain containing protein.		6118	21318	37549	15729	12519	4228	9540	19264	10393	9243	7293	19028	9517	9050	4252	18595	5293	4836
Os01g0670100	AK101461	Protein kinase domain containing protein.		105	195	1303	824	494	92	73	386	464	201	64	940	642	400	61	316	414	223
Os01g0675800	AK105493	No apical meristem (NAM) protein domain containing protein.		135	537	311	251	229	111	219	161	139	143	103	271	215	196	76	161	133	123
Os01g0678400	AK106072	Conserved hypothetical protein.		54	262	199	55	34	39	54	66	42	28	31	86	59	22	28	35	28	27
Os01g0681200	AK101149	Acyl-CoA synthetase (EC 6.2.1.3).		1913	1881	18207	32364	25467	2897	3186	16293	19205	10562	1538	18196	23786	13070	1041	10969	9896	6347
Os01g0681800	AK066764	Conserved hypothetical protein.		10	81	240	16	17	8	40	32	21	20	13	89	56	19	6	15	10	9
Os01g0685400	CI544192	Blind.		1093	2437	3964	1724	1527	1091	1123	2634	1885	1160	485	2032	897	824	343	1323	867	715
Os01g0689000	AK111204	Conserved hypothetical protein.		56	97	125	73	99	49	58	58	78	53	26	54	79	48	12	17	14	28
Os01g0690800	AK066430	Protein kinase domain containing protein.		1075	2417	4198	2506	1717	698	838	2647	2077	1036	895	2102	1752	1647	777	1749	1209	838
Os01g0695800	AK108373	Multidrug resistance protein 1 homolog.		634	1232	2292	1216	1964	686	606	1793	1584	1635	201	1416	722	746	112	884	483	540
Os01g0699100	AK058518	Protein kinase domain containing protein.		642	3009	2610	925	605	372	575	1020	386	315	518	1860	1169	369	391	1267	288	165
Os01g0699500	AK071585	Protein kinase domain containing protein.		107	6551	6268	1770	654	70	2654	1240	778	322	118	5771	2756	569	39	2808	612	148
Os01g0699600	AK105196	Protein kinase domain containing protein.		182	14712	9191	1252	363	228	5306	2903	995	349	382	9871	2412	550	174	4804	651	194
Os01g0704300	AK068954	Galactose oxidase, central domain containing protein.		71	268	551	416	330	100	116	392	367	243	40	390	384	227	20	107	107	100
Os01g0705700	AK064946	Transcription factor ICE1 (Inducer of CBF expression 1) (Basic helix- loop-helix protein 116) (bHLH116).		279	4163	3520	1586	927	182	1057	1173	695	483	206	1857	1823	583	82	633	290	239
Os01g0706600	CI208232	(No Hit)		404	850	7519	2218	1696	274	690	4268	961	1002	561	3760	989	1000	329	3221	715	604
Os01g0709400	AK121006	Survival protein SurE family protein.		36	50	81	41	47	24	20	38	31	30	14	35	24	27	9	13	12	10
Os01g0710100	AU029735	Hypothetical protein.		5	10	148	102	48	10	10	49	39	17	5	63	158	32	5	40	102	35
Os01g0714800	AK108555	WRKY transcription factor 26.		10	244	177	114	52	9	24	119	181	21	44	1878	108	171	47	1228	255	201
Os01g0717000	AK062152	GmCK1p (EC 2.7.1.32).		4387	14362	14926	6599	5228	5135	5949	7186	5151	3175	2038	10343	5003	2897	1926	7968	2855	1574
Os01g0717000	AK070065	GmCK1p (EC 2.7.1.32).		58	446	304	134	103	62	205	129	89	46	39	190	55	60	44	179	35	14
Os01g0717000	AK071968	GmCK1p (EC 2.7.1.32).		4346	14441	15565	6363	4815	5053	5593	7013	5077	3058	2062	10300	5102	2998	1903	7537	2805	1599
Os01g0717000	AK098914	GmCK1p (EC 2.7.1.32).		4579	14947	16159	6914	5456	5324	6110	7452	5075	3189	2162	12038	5409	3249	2018	8051	2969	1650
Os01g0717000	AK105151	GmCK1p (EC 2.7.1.32).		87	703	889	209	111	75	206	270	72	64	71	700	192	41	47	403	63	25
Os01g0717000	AY336800	GmCK1p (EC 2.7.1.32).		824	2525	3053	1343	1007	935	1133	1409	922	634	459	2313	985	572	366	1388	610	343
Os01g0719300	AK121195	Sulfate transporter 3.1 (AST12) (AtST1).		35	80	280	257	127	44	45	111	136	46	15	313	339	32	7	59	64	26
Os01g0720400	AK061237	HAD-superfamily subfamily IB hydrolase, hypothetical 1 protein.		321	2033	5347	3336	4096	282	1189	4979	3253	1834	304	4644	1302	1561	179	2510	913	1044
Os01g0721800	AK120924	Protein kinase-like domain containing protein.		8	8	31	25	21	5	5	11	15	32	10	34	23	87	5	28	51	25
Os01g0723600	AK109735	Phosphoribosyl pyrophosphate synthase isozyme 3 precursor (EC 2.7.6.1).		457	482	2360	3093	2138	546	516	1898	1627	997	376	1668	2606	1262	212	1542	1262	580
Os01g0723800	AK061902	P-glycoprotein homologue.		387	1036	3034	279	145	581	489	3524	812	445	85	629	609	109	60	1069	264	77
Os01g0723800	AK067006	P-glycoprotein homologue.		387	1010	3015	263	150	563	470	3430	805	404	98	865	747	133	52	825	196	53
Os01g0727700	CI209896	(No Hit)		87	736	1209	399	220	59	302	543	188	142	202	1704	621	217	170	1745	404	192
Os01g0731600	Os01g0731600	Conserved hypothetical protein.		69	70	227	467	267	58	97	104	124	113	232	935	738	315	134	559	383	275
Os01g0734600	AK119562	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		304	413	363	646	482	117	101	111	158	114	46	151	258	147	36	63	160	99
Os01g0735900	AK107156	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		40	49	237	251	208	29	21	98	71	39	12	202	187	87	8	98	20	43
Os01g0742400	AK120741	Protein kinase domain containing protein.		46	99	514	339	176	57	137	248	259	139	44	251	327	203	65	167	130	98
Os01g0747300	AK066261	Uncharacterized plant-specific protein DUF506 domain containing protein.		184	374	1712	1080	397	105	139	553	353	146	623	4009	893	415	276	2779	794	286
Os01g0747400	AK102467	Protein kinase domain containing protein.		123	178	992	546	376	121	110	506	338	184	82	873	485	286	41	337	193	112
Os01g0761300	AK109619	Long-chain-fatty-acid-CoA ligase-like protein.		51	53	117	78	63	18	10	30	27	14	17	78	37	32	8	31	23	9
Os01g0772500	AK109736	Glycosyl transferase, family 14 protein.		122	391	656	297	291	105	123	357	107	95	109	242	43	90	63	100	66	69
Os01g0787600	AK121948	Ethylene-induced esterase.		23181	21174	28489	47362	25292	15190	13666	17071	22166	15228	12311	21396	26567	12072	6394	12078	14868	6812
Os01g0788400	AK109763	Pectinesterase (EC 3.1.1.11) (Pectin methylesterase) (PE).		218	287	644	1674	1576	243	275	469	734	751	378	950	1573	1469	150	364	779	685
Os01g0788400	AK120977	Pectinesterase (EC 3.1.1.11) (Pectin methylesterase) (PE).		239	309	743	1650	1570	249	295	469	733	779	409	1065	1679	1645	163	359	831	717
Os01g0793800	AK111091	Conserved hypothetical protein.		337	709	1945	2170	2258	281	489	1089	1051	1066	370	2653	1169	1400	315	1900	916	599
Os01g0798200	AK109272	Conserved hypothetical protein.		22	33	72	124	59	30	21	55	62	60	31	127	78	60	15	114	76	27
Os01g0798800	AK064257	Protein of unknown function DUF594 family protein.		130	443	372	143	93	140	165	229	144	73	83	382	146	124	38	97	65	57
Os01g0802700	AK059229	Auxin Efflux Carrier family protein.		195	271	2918	5416	4255	168	189	2197	3058	1524	52	1324	3016	2374	43	598	1849	1045
Os01g0816100	AB028183	NAC-domain containing protein 2 (ANAC002).		5459	20507	78697	36571	19960	4923	6617	29352	22378	8853	7251	80119	35752	21660	3114	35041	17837	9696
Os01g0816100	AK073848	NAC-domain containing protein 2 (ANAC002).		2119	7416	28407	12504	7004	1891	2432	11970	7502	3473	2811	26799	11007	7057	1190	12312	5912	3392
Os01g0821300	CI177257	(No Hit)		7	44	75	8	7	6	7	14	8	6	6	17	8	12	5	16	7	6
Os01g0821600	AK108657	DNA-binding WRKY domain containing protein.		48	492	202	77	48	51	185	126	78	47	63	142	140	68	18	33	48	26
Os01g0825800	AK064301	Amino acid/polyamine transporter II family protein.		416	392	1365	967	541	246	179	426	337	398	167	537	860	368	106	252	388	211
Os01g0826400	AK107199	WRKY transcription factor 24.		674	28769	18314	6181	3428	808	11434	12584	5988	2080	841	22664	4553	2919	502	9220	3070	1564
Os01g0826400	AY341849	WRKY transcription factor 24.		652	26313	17934	6057	3293	777	10622	11918	5676	1947	785	20698	4244	2806	460	8351	2728	1601
Os01g0829900	AK070618	Oligopeptide transporter OPT superfamily protein.		4	4	14	34	19	4	4	7	54	17	4	18	3	29	4	4	13	5
Os01g0830100	AK069755	FAD-dependent pyridine nucleotide-disulphide oxidoreductase domain containing protein.		21	18	25	93	46	16	16	16	36	18	5	10	44	29	4	4	21	10
Os01g0834900	AK063898	Hypothetical protein.		960	22837	10542	2438	1516	294	18239	18948	917	1302	690	4265	876	370	650	7504	426	282
Os01g0836600	AK067556	ABC transporter related domain containing protein.		25	37	32	54	88	26	10	14	36	16	5	10	9	30	6	5	6	6
Os01g0845100	CI555370	Protein of unknown function DUF668 family protein.		10688	61534	29566	22454	17868	9134	17810	16042	21435	10648	5845	23819	14569	10961	4132	9519	9707	6809
Os01g0855600	AK099776	Hs1pro-1 protein.		2391	7185	11297	4744	3398	1999	2387	5169	4086	2085	1975	9842	4341	3186	1231	4759	2122	1456
Os01g0855600	AY224522	Hs1pro-1 protein.		1935	3944	6648	2333	1752	1821	1546	3865	2038	1729	1435	5345	2604	1698	948	2701	1464	974
Os01g0855700	AK106740	Conserved hypothetical protein.		29	70	78	50	79	24	37	73	26	15	24	52	12	28	12	23	16	19
Os01g0857400	AK103684	Amino acid/polyamine transporter II family protein.		93	79	258	174	68	100	64	109	153	63	46	292	200	54	30	100	73	20
Os01g0858200	AK061128	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.		485	583	1513	582	177	96	109	446	205	61	16	262	227	43	48	234	86	33
Os01g0858200	AK100746	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.		504	615	1608	635	186	103	123	503	241	89	14	218	183	57	44	224	99	28
Os01g0860400	AK111415	Acidic endochitinase precursor (EC 3.2.1.14).		76	89	1147	281	115	62	59	242	118	52	39	689	219	42	37	654	145	40
Os01g0860800	AK103072	Glycoside hydrolase, family 17 protein.		1565	2484	3528	1688	1099	1105	897	1846	962	585	840	2597	952	991	725	1582	732	498
Os01g0878700	AK065286	Amino acid/polyamine transporter II family protein.		19340	18080	31071	61368	36549	23969	15292	16652	26819	21127	15182	35648	44646	32729	9341	16088	26802	18804
Os01g0878700	AK119529	Amino acid/polyamine transporter II family protein.		19673	18184	31539	62048	37508	24329	15786	17994	27377	22508	14775	35579	44593	31470	8982	15490	25812	18148
Os01g0878700	AK121636	Amino acid/polyamine transporter II family protein.		4349	3551	7851	13545	8060	5508	3197	4839	5739	5717	2939	6255	7246	5028	1598	3196	4517	3040
Os01g0879200	AK109033	Conserved hypothetical protein.		12	19	40	46	48	11	10	19	24	17	81	168	115	76	15	33	36	25
Os01g0881100	AK109822	ANTH domain containing protein.		6	6	14	46	23	6	6	6	76	37	5	25	34	43	5	9	37	17
Os01g0882800	AK059325	Amino acid carrier.		4	73	23	4	4	5	5	5	5	5	4	34	4	4	4	5	4	4
Os01g0915000	AK107951	Uncharacterized plant-specific protein DUF506 domain containing protein.		4996	14510	17368	6855	4077	4231	7189	8589	3806	3233	4510	12390	7055	3438	3223	9030	4250	2656
Os01g0916400	AK071710	Selenium binding protein.		4575	4258	9090	11345	6238	4425	3500	5752	4545	3923	2601	6942	6206	2932	1865	3941	5090	2860
Os01g0916400	AY187678	Selenium binding protein.		13343	12543	25484	35574	18302	14738	10693	18803	17258	13015	8524	23799	22787	9591	5977	13125	19867	9762
Os01g0921000	AK071688	Conserved hypothetical protein.		8	7	30	34	60	10	10	17	48	28	9	57	156	132	5	14	30	22
Os01g0923000	AK070795	Conserved hypothetical protein.		168	243	855	728	401	178	173	392	348	236	125	801	432	234	103	441	312	180
Os01g0925100	AK120911	Hypothetical protein.		80	244	446	213	101	48	43	149	74	26	29	230	65	57	21	100	37	10
Os01g0925400	AK067450	No apical meristem (NAM) protein domain containing protein.		909	1506	3513	1766	931	778	716	1331	1173	531	658	3052	1317	665	532	1349	730	482
Os01g0925400	AK068446	No apical meristem (NAM) protein domain containing protein.		4840	7524	17259	9112	5064	4187	4037	6968	5441	2762	3894	18916	7127	3979	3128	7431	3803	2634
Os01g0928700	CI246005	Aminotransferase, class I and II domain containing protein.		175	211	6805	13539	9058	248	361	6328	7141	4329	226	6275	8008	5478	108	2886	3531	2497
Os01g0930900	CI239264	Tropinone reductase homolog (EC 1.1.1.-) (P29X).		12	14	19	87	68	14	12	14	13	20	5	8	17	33	9	12	41	21
Os01g0937100	AK105806	Xylanase inhibitor precursor.		67130	120501	211915	234372	144194	84017	51995	105828	217365	71961	52527	173698	169359	130707	37229	99777	128456	89157
Os01g0940700	AK060802	Beta-1,3-glucanase (Fragment).		33	49	124	80	60	61	23	65	73	43	23	92	101	37	15	34	51	44
Os01g0940700	AK104862	Beta-1,3-glucanase (Fragment).		14	7	52	28	30	26	20	22	37	18	14	47	58	18	8	17	12	8
Os01g0944100	AK103580	Conserved hypothetical protein.		414	529	1014	623	796	339	333	738	596	381	490	1089	506	945	357	976	379	350
Os01g0952900	AK069958	Conserved hypothetical protein.		667	22182	23860	3964	1688	541	7901	12802	2643	1253	820	22111	3167	1423	514	12260	1697	897
Os01g0952900	AK104991	Conserved hypothetical protein.		670	20757	23928	4127	1685	545	7775	14487	2455	1224	803	24778	3269	1454	498	13086	1539	872
Os01g0955000	AK101291	Phosphoesterase family protein.		1406	1364	3133	3161	1545	747	650	825	947	553	1324	3364	3166	1220	1044	2156	1676	1059
Os01g0955000	AK119633	Phosphoesterase family protein.		3063	2937	6340	6735	3241	1711	1432	1887	2169	1291	2480	5628	5942	2296	2033	4050	3299	1980
Os01g0960200	Os01g0960200	Protein of unknown function DUF630 domain containing protein.		309	828	974	808	651	313	361	693	705	374	170	786	682	558	104	299	353	271
Os01g0963000	AK104277	Peroxidase BP 1 precursor.		22	26	1621	881	391	125	41	1266	514	79	7	573	451	165	12	593	273	37
Os01g0974400	AK106014	Zn-finger, RING domain containing protein.		384	669	3374	1422	985	352	273	2065	978	511	211	2030	820	613	114	938	393	324
Os01g0975000	AK103552	Protein of unknown function DUF966 family protein.		920	7871	3354	1254	848	579	2785	1517	978	563	792	3282	1076	756	439	1464	744	599
Os01g0975000	AK119662	Protein of unknown function DUF966 family protein.		431	3516	1631	632	401	270	1151	733	460	270	342	1362	445	307	181	627	291	238
Os02g0105400	AK103257	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).		17752	23121	74635	165915	95950	21952	17825	37784	93569	38189	19652	65518	146026	93579	5222	22560	30525	22544
Os02g0105400	AK105416	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).		13145	17248	62789	141758	83099	15805	13313	28767	69646	29351	15224	60145	137778	78139	4048	17655	25695	20092
Os02g0105400	D13817	L-lactate dehydrogenase A (EC 1.1.1.27) (LDH-A).		13565	17841	58745	134042	81120	16384	13301	30080	69092	29942	15196	53547	123684	77813	4077	17296	24827	19930
Os02g0109200	AK108815	Hypothetical protein.		1034	2917	1730	1237	884	721	908	968	880	399	341	1154	929	674	325	673	560	428
Os02g0115900	AF006825	Endosperm lumenal binding protein.		40228	40819	140532	145980	32780	36870	16934	34265	90920	26210	30965	135154	94417	20752	19768	63296	62099	22449
Os02g0115900	AK065743	Endosperm lumenal binding protein.		39177	40452	141406	144799	32322	35085	16141	32578	89108	24749	30820	140020	98798	21336	19919	66723	64659	22412
Os02g0115900	AK066006	Endosperm lumenal binding protein.		42884	42498	137538	145522	35108	39333	18998	37327	100974	27551	29788	111664	84575	19436	19461	64282	57406	21023
Os02g0115900	AK119653	Endosperm lumenal binding protein.		48688	48352	165152	176061	39606	44340	19484	39622	112300	30465	36321	158756	113996	25232	23575	78782	73892	27086
Os02g0119600	AK107964	Conserved hypothetical protein.		514	1238	3105	1151	655	363	391	1375	748	315	218	2408	783	516	171	875	432	290
Os02g0134200	AK108331	Conserved hypothetical protein.		356	3996	1564	876	981	335	1654	977	592	571	584	1833	890	857	359	987	598	553
Os02g0134400	AK072394	L-aspartate oxidase family protein.		284	235	952	943	687	291	198	897	678	323	110	481	502	272	98	439	252	227
Os02g0135500	AF264730	Protein of unknown function DUF563 family protein.		46	91	138	73	44	51	30	85	61	37	17	98	61	41	15	49	44	61
Os02g0135500	AK065605	Protein of unknown function DUF563 family protein.		43	85	129	74	54	38	26	77	52	33	17	126	75	53	15	81	63	22
Os02g0151300	AK120536	Endo-1,4-beta-glucanase (EC 3.2.1.4) (Fragment).		251	368	842	348	267	156	108	256	151	60	22	386	200	39	56	327	118	82
Os02g0153900	AK111546	Protein kinase domain containing protein.		209	999	1391	892	777	241	407	781	655	345	155	1524	781	567	60	457	305	315
Os02g0167600	CI476318	(No Hit)		51	95	584	214	156	38	56	221	119	206	27	626	288	38	25	116	34	38
Os02g0168100	AF251065	4-hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27) (4HPPD) (HPD) (HPPDase).		4674	4850	13688	12092	9524	4185	2563	6120	6672	3800	3377	16457	8203	6542	2384	10243	5699	3909
Os02g0168100	AK058890	4-hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27) (4HPPD) (HPD) (HPPDase).		11478	12885	39194	32602	25175	10871	5838	15029	17849	9885	8679	47988	24248	18849	5951	26817	15373	10840
Os02g0168200	AK108211	Transfactor-like protein.		29	62	2128	2012	1181	44	76	1297	1030	545	50	3209	2039	1080	20	497	908	510
Os02g0176000	CI436385	Conserved hypothetical protein.		256	535	439	199	190	211	238	289	177	194	108	220	139	85	119	129	73	100
Os02g0177600	AK070083	4-coumarate--CoA ligase 1 (EC 6.2.1.12) (4CL 1) (4-coumaroyl-CoA synthase 1).		594	498	1854	884	496	593	353	1002	637	200	100	1176	847	170	150	868	393	112
Os02g0180700	AK070746	Cinnamoyl-CoA reductase (EC 1.2.1.44).	*OsCCR21*	2105	7458	19795	4316	2976	1559	3323	12664	2733	2128	2294	24256	3535	2379	1320	9631	1993	1691
Os02g0181300	AY676927	WRKY transcription factor 71 (Transcription factor WRKY09).	*OsWRKY71*	1065	4995	3109	1920	1384	896	2008	2043	1482	1273	730	1775	1457	1018	617	1097	1067	850
Os02g0184400	AK063433	Sucrose-phosphate synthase 9 (EC 2.4.1.14).		46	73	54	187	124	41	44	37	130	33	44	59	90	100	34	45	85	64

Os02g0186900	CI553928	Cytochrome P450 family protein.		86	93	232	218	175	81	85	115	187	121	17	113	198	210	44	121	148	109
Os02g0193000	CI426747	Peptidoglycan-binding LysM domain containing protein.		7745	15754	17518	16376	10173	9597	7459	11813	18085	7348	4829	16496	19999	13581	2784	6914	9932	6825
Os02g0194400	AK110011	Protein kinase domain containing protein.		372	827	688	388	273	402	315	574	485	225	165	390	274	218	171	231	270	232
Os02g0198700	AK120287	Subtilisin-like protease.		38	20	107	321	226	102	35	79	339	103	15	138	387	201	22	88	297	230
Os02g0202700	Os02g0202700	Serine acetyltransferase.		232	226	1096	571	137	584	243	369	609	218	380	852	456	208	233	513	499	235
Os02g0205500	AK067907	Naringenin-chalcone synthase family protein.		765	13099	13542	4187	2907	1065	4776	7947	4524	2216	533	14193	4164	2994	227	4128	1586	1034
Os02g0206200	CI447417	(No Hit)		33	195	300	65	45	43	76	223	68	55	17	120	31	26	12	78	21	22
Os02g0207800	AK111370	Conserved hypothetical protein.		317	317	737	651	336	233	278	419	303	218	207	493	300	227	152	233	215	164
Os02g0208300	CI444593	PDR5-like ABC transporter.		2432	4301	18481	19663	17206	3371	2611	14338	19875	7371	561	12711	13613	10707	392	5878	5830	4063
Os02g0218700	AK107161	Allene oxide synthase (EC 4.2.1.92).	*OsAOS3*	13	11	95	224	61	8	8	8	61	34	25	664	708	377	10	63	311	35
Os02g0224800	AK066213	Ndr family protein.		56	74	198	153	139	64	35	153	99	117	25	137	66	81	25	97	47	43
Os02g0251900	AK109286	VQ domain containing protein.		6	96	85	6	6	5	29	26	21	8	5	69	6	5	4	23	7	5
Os02g0265200	AK119593	WRKY transcription factor 39.		959	2244	1229	852	990	881	1091	854	810	628	538	1420	737	664	623	889	407	370
Os02g0269600	Os02g0269600	Subtilase.		239	266	449	560	1203	96	214	148	421	562	461	1199	1872	1439	19	73	161	144
Os02g0275200	AK060517	Xyloglucan fucosyltransferase family protein.		256	464	1816	2104	1563	450	354	1437	1566	775	96	997	1059	878	57	465	476	439
Os02g0281900	Os02g0281900	Disease resistance protein family protein.		26	54	64	58	39	25	22	55	69	37	48	117	113	77	19	30	45	48
Os02g0313700	AK072366	C2 domain containing protein.		116	110	407	227	140	135	40	234	165	115	49	556	252	94	38	361	112	66
Os02g0314600	AK068924	Peptidase A1, pepsin family protein.		468	2452	2345	1776	1313	405	680	1076	1111	596	198	1630	1503	835	126	542	504	384
Os02g0327500	AK069802	Arabidopsis protein of unknown function DUF266 family protein.		46	419	769	244	166	51	146	564	192	94	38	436	173	102	24	160	71	48
Os02g0329800	AK070014	Protein of unknown function DUF563 family protein.		4624	5981	9623	5962	4491	3745	2442	4824	5102	2399	1451	5773	5032	3754	1320	2914	2644	2022
Os02g0463500	AK107401	Serine carboxypeptidase I precursor (EC 3.4.16.5) (Carboxypeptidase C).		275	378	444	1886	1237	148	290	387	639	520	242	432	551	586	117	246	422	213
Os02g0466400	AK071209	Inositol phosphate kinase.		130	131	729	201	101	119	57	248	88	34	24	225	110	36	24	209	55	30
Os02g0467600	AK072588	Cinnamate 4-hydroxylase CYP73.		2687	5234	39406	8219	2869	2185	2159	21698	5926	1774	1230	23703	8577	2595	1302	14265	3428	1318
Os02g0475300	AK072737	Membrane attack complex component/perforin/complement C9 family protein.		35	138	84	85	67	35	81	118	96	30	40	139	60	93	36	83	52	42
Os02g0475300	AK105639	Membrane attack complex component/perforin/complement C9 family protein.		851	2517	3517	2385	1737	824	1217	2640	1995	1014	501	2596	1440	1015	398	1373	1008	657
Os02g0491600	Os02g0491600	Germin family protein.		4	57	36	4	4	4	28	30	7	5	4	69	5	3	4	33	4	4
Os02g0504700	CI424131	(No Hit)		7	37	24	7	7	8	10	8	14	3	4	13	12	3	7	14	7	3
Os02g0505400	AK120466	Exo70 exocyst complex subunit family protein.		104	96	164	253	188	78	41	56	123	60	58	135	184	132	40	80	94	51
Os02g0518600	AK106353	Potassium transporter 5 (AtPOT5) (AtHAK1) (AtHAK5).		97	102	92	213	136	47	58	49	73	36	28	42	117	126	14	21	39	28
Os02g0526400	AY166599	ERD1 protein, chloroplast precursor.		9	9	56	31	27	9	9	41	15	27	7	101	27	12	4	38	12	5
Os02g0532900	AK072635	Glycoside hydrolase, family 17 protein.		51	707	2021	358	157	74	174	955	316	112	26	786	588	209	18	519	252	189
Os02g0532900	AK073663	Glycoside hydrolase, family 17 protein.		59	935	2832	432	215	77	210	932	299	116	28	806	445	224	21	665	97	83
Os02g0539200	AK108494	U box domain containing protein.		4	170	16	4	4	5	16	5	5	5	4	87	4	4	4	13	4	4
Os02g0539500	CI557591	(No Hit)		359	1016	953	537	357	318	360	565	545	201	223	896	507	374	156	380	282	234
Os02g0551700	AK106428	Protein of unknown function DUF668 family protein.		354	541	1273	958	715	398	342	917	914	310	244	1105	738	637	192	677	462	332
Os02g0559800	AB045120	Zn-finger, RING domain containing protein.		1810	214662	196927	23417	6557	1783	39678	82534	9317	3438	2780	112978	8049	2815	1253	107495	7064	2489
Os02g0560200	CI262881	(No Hit)		914	43252	42914	7781	2677	954	20470	33348	4753	2335	2062	33997	3959	1302	970	25602	3414	1380
Os02g0560200	CI563011	(No Hit)		1586	170158	173565	19451	5709	1602	30631	67749	7676	2960	2246	79089	5774	1950	1033	82784	5340	1808
Os02g0560600	CI262881	(No Hit)		1020	47294	48204	8243	3006	1072	21528	28125	4968	2659	2163	35619	4228	1373	1022	29491	3609	1491
Os02g0560600	CI563011	(No Hit)		1654	183273	197250	20103	5861	1663	31808	71712	7925	3115	2464	100828	6584	2188	1126	90240	6119	2110
Os02g0561000	CI563011	(No Hit)		1489	151732	167238	18232	5298	1510	26892	62944	6988	2810	2129	76460	5683	1891	990	76125	5175	1798
Os02g0561400	CI262881	(No Hit)		1003	47534	44856	8402	2924	1083	21327	32717	5227	2622	2163	34082	4113	1317	1007	24858	3424	1410
Os02g0561400	CI563011	(No Hit)		1663	178983	195642	20413	5823	1650	32119	75876	7858	3038	2352	84961	6309	2036	1067	82434	5541	1910
Os02g0561800	CI563011	(No Hit)		1494	167300	174397	18736	5582	1538	30481	67787	7398	2810	2393	87962	6303	2127	1105	81679	6076	2063
Os02g0561900	CI262881	(No Hit)		1039	48672	46837	8563	3187	1075	22578	34398	5268	2589	2168	35814	4116	1332	1014	27356	3379	1454
Os02g0569000	AK059010	Cytochrome P450 family protein.		327	298	865	4438	4446	318	260	670	1644	1533	95	261	1486	989	39	91	1134	861
Os02g0570400	AB089272	Terpene synthase, metal-binding domain containing protein.	*OsKSL7(OsDTC1)*	261	245	1070	16064	21205	275	471	1272	9816	9560	110	468	7274	7997	70	445	4956	6118
Os02g0570400	AK068310	Terpene synthase, metal-binding domain containing protein.	*OsKSL7(OsDTC1)*	61	59	254	3084	3889	58	79	187	1782	1592	32	89	1930	1501	26	99	1243	1419
Os02g0570700	AK070167	Cytochrome P450 family protein.		5	5	8	230	656	5	5	5	403	112	4	6	307	548	4	4	201	449
Os02g0571100	AK072928	Terpene synthase, metal-binding domain containing protein.	*OsCPS2(OsCyc2)*	182	164	348	4993	9742	158	111	339	2430	4220	82	123	1675	3711	42	85	2612	3753
Os02g0571900	AK101003	Cytochrome P450 family protein.		30	15	144	570	682	9	14	39	128	251	53	162	720	534	26	156	589	878
Os02g0572000	AK105571	Conserved hypothetical protein.		8	9	7	21	27	6	6	6	19	13	7	10	19	19	6	8	16	11
Os02g0575700	AK105763	Conserved hypothetical protein.		986	629	2625	1355	616	653	300	857	758	309	712	2573	1769	816	272	847	426	239
Os02g0595100	AK065136	Glycosyl transferase, family 17 protein.		47	103	126	71	62	38	44	67	42	44	14	52	20	39	11	48	18	24
Os02g0603800	AK105762	Isoprenoid biosynthesis-like protein (Fragment).	*OsHDS*	2432	2877	5670	34583	30389	3245	2900	5222	24355	12717	1364	5355	24829	16535	831	5132	14142	9107
Os02g0603800	AK120769	Isoprenoid biosynthesis-like protein (Fragment).	*OsHDS*	4640	4094	8993	57800	46530	6021	3665	7484	34595	17463	2218	7826	47728	29877	1428	6710	25403	14770
Os02g0603800	AY224457	Isoprenoid biosynthesis-like protein (Fragment).	*OsHDS*	2128	1847	3962	19668	16693	2931	1622	3429	12211	8311	1078	3417	16024	10450	595	2649	8884	5528
Os02g0611800	AK060705	Hydroxycinnamoyl transferase.		2015	3244	14627	4849	3404	2397	1882	6558	4163	1991	1090	10344	3163	2224	887	6009	2547	1569
Os02g0611800	AK104319	Hydroxycinnamoyl transferase.		4185	7480	30405	9564	6673	4667	3869	13454	7619	3714	2184	18058	5690	4140	1693	10879	4440	2576
Os02g0619600	AK072178	von Willebrand factor, type A domain containing protein.		1427	2203	8709	4434	3018	1360	441	5438	3674	1755	853	4868	3067	2213	565	3080	1664	1213
Os02g0621600	AK108575	Conserved hypothetical protein.		10	29	30	31	19	9	13	25	20	5	17	85	47	29	12	27	49	13
Os02g0624400	AK120845	Glycosyl transferase, family 8 protein.		14	21	108	32	24	11	9	45	24	24	9	86	36	38	6	41	15	15
Os02g0626100	AK058306	Phenylalanine ammonia-lyase (EC 4.3.1.5).		59877	60459	151141	193959	70494	68602	24243	43167	120681	21351	21354	144084	518375	256123	23797	66598	187985	65693
Os02g0626100	AK060724	Phenylalanine ammonia-lyase (EC 4.3.1.5).		57140	55189	135062	169885	67814	64060	22570	41672	108158	19873	21617	139806	513987	258474	23702	70782	180247	64821
Os02g0626100	AK067923	Phenylalanine ammonia-lyase (EC 4.3.1.5).		56335	58049	133552	174611	69330	63296	21499	37643	108953	19667	21295	136307	520294	261790	23732	69848	175381	65575
Os02g0626100	AK102817	Phenylalanine ammonia-lyase (EC 4.3.1.5).		59482	57787	149152	186054	69950	65831	23149	41284	116414	20682	21569	147008	525894	256331	24016	66822	200206	65564
Os02g0626200	AK121303	Non-protein coding transcript, unclassifiable transcript.		85	223	922	303	139	76	101	673	287	51	70	1114	225	188	90	1090	129	63
Os02g0626400	AK061959	Phenylalanine ammonia-lyase (EC 4.3.1.5).		611	754	2720	1193	720	708	449	1357	962	481	188	1199	856	432	188	897	508	257
Os02g0626400	AK065208	Phenylalanine ammonia-lyase (EC 4.3.1.5).		22977	32327	119901	43132	28316	26633	13982	41072	38427	12968	6622	60140	44823	26659	6923	39181	24004	12554
Os02g0626400	AK120127	Phenylalanine ammonia-lyase (EC 4.3.1.5).		22446	31180	117932	44104	27181	26547	13930	43389	39096	13071	6730	67774	50199	27257	7112	41786	24690	12558
Os02g0626600	CI198223	Phenylalanine ammonia-lyase.		14	313	1187	111	20	27	71	526	106	11	4	1011	172	19	4	451	39	8
Os02g0627100	AK068993	Phenylalanine ammonia-lyase (EC 4.3.1.5).	*PAL*	1153	3745	29227	5235	1691	1235	1465	9945	3717	937	193	13857	7808	1085	163	7973	1898	390
Os02g0639300	AK101596	CBS domain containing protein.		49	103	287	92	60	36	27	110	36	29	20	108	86	22	14	73	25	24
Os02g0643800	CI556117	Auxin responsive SAUR protein family protein.		41	590	1082	198	183	33	258	907	169	141	85	884	284	124	47	788	156	97
Os02g0648100	AK111267	Protein kinase domain containing protein.		503	2208	1794	835	589	327	744	560	437	281	360	1862	785	391	246	687	338	259
Os02g0648100	AY224423	Protein kinase domain containing protein.		136	599	412	237	140	96	184	158	145	80	117	586	244	123	76	179	120	95
Os02g0653900	AK064950	Lipase, class 3 family protein.		5992	40660	21899	8657	4240	3263	9858	8728	4906	2021	2515	18023	7680	3973	1647	5972	2526	1519
Os02g0653900	AK098925	Lipase, class 3 family protein.		6365	44163	23536	9001	4428	3576	10616	9344	5501	2233	2607	18486	7755	4123	1765	6561	2804	1642
Os02g0653900	AK104793	Lipase, class 3 family protein.		6220	41505	22592	8858	4210	3433	10159	8933	5052	2107	2535	17451	7474	4012	1666	6187	2681	1568
Os02g0653900	AK106154	Lipase, class 3 family protein.		6398	44969	23414	8852	4367	3556	10444	9226	5330	2149	2723	18606	8039	4299	1836	6877	2871	1627
Os02g0654600	CI234504	Protein of unknown function DUF630 domain containing protein.		419	1539	1691	925	719	468	606	1065	957	588	107	1165	230	191	91	555	389	265
Os02g0655200	AY339378	Ethylene responsive element binding factor3 (OsERF3).		1111	1881	3915	4299	3889	1446	1211	2482	3060	1930	262	1837	1991	990	123	472	527	327
Os02g0669500	AK111117	Conserved hypothetical protein.		608	8353	1924	1036	1018	584	3839	1655	1261	921	392	881	627	373	253	511	365	336
Os02g0676400	CI279040	Multi antimicrobial extrusion protein MatE family protein.		5	8	49	21	8	5	5	14	70	7	4	38	16	17	4	10	9	4
Os02g0677600	AK068106	Conserved hypothetical protein.		6	57	8	4	6	8	19	19	3	5	14	34	14	5	10	15	8	10
Os02g0681700	AK106773	Protein kinase domain containing protein.		623	1711	1832	1306	871	642	852	1285	1129	641	357	1497	887	642	262	832	745	477
Os02g0696500	AK101915	Glycoside hydrolase, family 16 domain containing protein.	*OsXTH23(OsXTR3)*	13303	29982	17051	16853	16949	10963	14926	14081	14668	12181	9377	21341	18209	17252	8635	10015	10805	9406
Os02g0699000	AK109931	TGF-beta receptor, type I/II extracellular region family protein.		18	62	64	35	26	16	19	20	27	6	3	27	17	8	5	21	4	5
Os02g0702100	AK108297	Conserved hypothetical protein.		57	510	371	175	256	56	259	165	109	209	200	808	99	115	127	339	67	72
Os02g0703300	AK060227	Protein of unknown function DUF1218 family protein.		50	275	1201	451	177	31	87	697	142	74	103	1224	344	214	47	522	173	83
Os02g0703300	AK071752	Protein of unknown function DUF1218 family protein.		86	360	1625	604	307	68	190	1074	322	137	160	2135	514	350	72	801	201	123
Os02g0703300	AK105992	Protein of unknown function DUF1218 family protein.		211	1019	3590	1332	713	162	457	2271	706	360	361	4178	1056	774	181	1613	477	336
Os02g0703800	AK120025	Conserved hypothetical protein.		5	30	15	5	5	5	9	7	16	9	6	29	11	10	5	9	5	5
Os02g0705400	AK072661	Pathogen induced protein 2-4.		5	18	34	13	14	5	5	7	17	16	4	26	10	11	5	5	5	6
Os02g0707500	AK107442	Conserved hypothetical protein.		341	552	698	698	402	301	206	774	905	179	304	783	265	631	522	1048	548	347
Os02g0707900	AK064638	Universal stress protein (Usp) family protein.		599	728	1318	1822	1244	623	621	1513	1702	557	777	1488	573	1672	1186	1791	1158	741
Os02g0711400	AK105197	Conserved hypothetical protein.		591	498	2438	1570	918	330	342	1064	710	465	256	2421	842	457	134	1134	405	276
Os02g0712500	AK100094	Conserved hypothetical protein.		725	1429	1874	531	503	676	681	1201	556	396	398	1383	448	344	251	626	272	268
Os02g0712700	AY663848	Legume lectin, beta domain containing protein.		100	346	497	246	147	110	161	263	243	100	51	360	190	133	52	191	35	84
Os02g0719600	AK070415	SAM dependent carboxyl methyltransferase family protein.		13	319	664	13	20	80	24	64	7	10	14	250	12	9	4	94	9	8
Os02g0729700	AF264731	Leucine zipper, homeobox-associated domain containing protein.		1829	2215	4843	3635	2403	910	834	1760	1398	1054	275	1301	822	528	367	856	568	401
Os02g0729700	AK119592	Leucine zipper, homeobox-associated domain containing protein.		2159	2235	4733	3785	2266	968	683	1511	1184	845	345	1701	1139	656	486	1112	683	497
Os02g0729700	AY554029	Leucine zipper, homeobox-associated domain containing protein.		3047	3148	6638	5119	3298	1321	985	2058	1677	1194	396	1914	1377	785	587	1342	862	614
Os02g0729700	AY559045	Leucine zipper, homeobox-associated domain containing protein.		1836	2013	4393	3193	2244	853	685	1306	1065	801	252	1201	838	463	389	821	519	430
Os02g0738300	AK108113	Conserved hypothetical protein.		940	2009	4168	3080	2122	800	352	2193	3089	1771	970	4652	3011	1973	470	1614	1615	1169
Os02g0739100	AK072070	Actin-binding FH2 domain containing protein.		163	895	344	206	183	139	247	204	181	98	74	336	188	145	61	90	129	102
Os02g0739400	AK070652	Avr9/Cf-9 rapidly elicited protein 231 precursor.		1642	7090	4734	2365	2960	1316	2401	2595	2043	1776	639	3155	1416	1431	624	1619	938	940
Os02g0748800	CI277163	Glutaredoxin domain containing protein.		228	652	1067	503	348	166	237	324	337	239	74	623	303	174	80	289	248	170
Os02g0758000	AK064389	Low molecular weight heat shock protein precursor.		45	62	53	67	96	39	37	22	45	47	10	20	44	42	11	49	17	18
Os02g0761300	CI142785	(No Hit)		79	77	162	81	88	43	24	50	55	24	4	84	9	8	4	18	9	5
Os02g0771600	AF049889	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1).	*OsACO2*	641	418	871	1479	572	249	186	228	368	211	519	1089	1139	488	146	293	591	207
Os02g0771600	AK066805	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1).	*OsACO2*	640	415	912	1568	592	258	206	278	396	203	471	1025	1168	493	128	265	510	170
Os02g0771600	AK071557	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1).	*OsACO2*	84	55	134	189	93	46	30	45	55	25	38	140	77	60	19	31	49	27
Os02g0771600	AK103969	1-aminocyclopropane-1-carboxylate oxidase 1 (EC 1.14.17.4) (ACC oxidase 1).	*OsACO2*	625	419	890	1424	547	257	181	258	385	196	534	1043	1273	537	144	320	563	235
Os02g0777800	AK066978	Protein kinase domain containing protein.		558	6574	3434	1996	2173	572	2916	2109	1732	1030	229	3073	1235	1252	215	1421	745	548
Os02g0790500	AK065160	Glycosyl transferase, family 20 domain containing protein.		4272	7749	10405	9656	7684	3971	3536	6754	10966	3860	2410	9251	5931	5910	2400	8057	5210	3620
Os02g0790500	AK066691	Glycosyl transferase, family 20 domain containing protein.		3419	6333	8566	7867	6425	3172	2965	5703	8828	3058	1945	7632	4941	5158	1973	6837	4428	3019
Os02g0791500	AK069596	Nucleotide sugar epimerase-like protein (UDP-D-glucuronate 4- epimerase) (EC 5.1.3.6).		172	696	304	176	159	159	258	223	217	134	59	165	135	124	72	81	103	111
Os02g0791500	AK071654	Nucleotide sugar epimerase-like protein (UDP-D-glucuronate 4- epimerase) (EC 5.1.3.6).		936	2391	1423	777	767	861	1169	1129	895	622	405	817	603	535	409	461	404	416
Os02g0792800	AK105616	Rieske iron-sulfur protein Tic55 precursor.		71	68	121	122	240	55	44	47	104	135	9	92	152	54	10	21	70	82
Os02g0792800	AK120704	Rieske iron-sulfur protein Tic55 precursor.		39	46	77	58	107	27	22	15	57	60	5	19	45	30	7	7	25	14
Os02g0798100	Os02g0798100	N-acetylglucosaminyltransferase II family protein.		844	1022	1694	1109	846	714	423	1135	1012	638	375	1129	851	596	338	677	606	497
Os02g0799000	AK099720	DNA-binding protein phosphatase 2C.		958	2507	4388	2470	1748	714	894	2284	1569	855	402	3688	1637	860	296	1995	936	500
Os02g0806600	AK121225	Chitinase (Fragment).		180	221	376	335	254	199	494	186	221	141	82	243	189	214	84	154	116	88
Os02g0807300	AK071841	Conserved hypothetical protein.		16	15	26	46	45	25	17	27	44	22	18	36	57	57	11	27	23	16
Os02g0807800	CI447050	(No Hit)		14	73	185	27	27	12	18	40	35	8	8	16	15	28	7	62	28	18
Os02g0807900	AK119341	Serine threonine kinase.		5	326	718	53	18	8	42	43	47	27	6	1899	180	59	4	276	23	9
Os02g0808800	AK064401	Cinnamoyl CoA reductase (EC 1.2.1.44).	*OsCCR1*	1183	1655	7565	2212	2296	388	458	3010	705	734	1062	2759	922	1146	670	2973	708	781
Os03g0104100	AK099959	Protein phosphatase 2C-like domain containing protein.		2220	3811	6189	3568	2743	2251	1622	4497	2564	2591	1518	5368	2606	1863	1046	3085	2122	1607
Os03g0114400	AK108730	AAA ATPase, central region domain containing protein.		332	983	3575	6107	5120	492	461	2648	4648	2306	100	3199	3773	2790	72	672	1411	1250
Os03g0116400	AK061443	Membrane protein.		531	1771	3160	868	689	361	614	1652	530	375	285	1043	371	258	240	657	304	276
Os03g0116400	AK102725	Membrane protein.		3700	12812	21893	6066	4785	2654	4687	12761	4049	2869	2068	7641	2748	2336	1825	4324	2068	2048
Os03g0123500	AK060316	Homeodomain transcription factor KNAT7.		28	49	129	26	35	11	10	14	12	9	15	55	41	15	12	42	18	19
Os03g0123800	AK061176	Conserved hypothetical protein.		780	4293	7997	5070	3469	802	2377	5058	3172	1730	735	8544	3047	2588	416	3540	2090	1573
Os03g0124100	AK107007	Protein of unknown function DUF604 family protein.		20	95	80	64	32	9	10	19	20	12	20	88	44	41	17	75	68	17
Os03g0127500	C98212	Basic-leucine zipper (bZIP) transcription factor domain containing protein.		224	525	783	416	354	129	175	247	151	233	94	912	823	244	101	292	144	145
Os03g0128700	AK066500	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).		646	766	2615	1876	1176	561	328	1139	864	546	375	1594	967	559	239	947	432	345
Os03g0128700	AY158077	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).		2390	3196	11039	7400	4800	2334	1651	5066	4282	2472	1455	7795	4015	2656	972	4256	1978	1391
Os03g0128700	X81393	Calcium-dependent protein kinase, isoform 11 (EC 2.7.1.-) (CDPK 11).		2424	3238	11052	7353	4902	2378	1677	5019	4219	2449	1504	7898	4007	2739	995	4414	2009	1422
Os03g0133000	AK107090	No apical meristem (NAM) protein domain containing protein.		898	5373	2498	1130	802	1042	2567	1406	1286	1001	1014	2126	1149	710	266	675	384	348
Os03g0142500	AK100238	Zn-finger, RING domain containing protein.		187	389	1362	795	524	173	160	915	515	271	66	951	522	291	41	423	243	152
Os03g0155900	CI550250	Alpha-expansin OsEXPA18.		5	25	44	7	5	14	14	21	7	14	5	58	6	3	5	13	2	2
Os03g0180900	AK073589	ZIM domain containing protein.		23586	117461	429000	82414	41546	11986	41702	151528	33987	22626	18895	261329	57906	29034	8300	159181	20820	11887
Os03g0181100	AK067971	ZIM domain containing protein.		2946	48777	30304	7421	4184	1810	21885	16303	5195	3460	3494	32855	7278	3642	1896	16336	2965	1862
Os03g0181100	AK120087	ZIM domain containing protein.		2622	43049	27569	6792	3640	1561	18829	14455	4640	2963	3324	30310	6969	3501	1775	15373	2893	1766
Os03g0183500	AK063042	Protein of unknown function DUF581 family protein.		90	12752	3602	331	164	9	7222	1570	49	53	126	5394	331	68	60	2776	52	27
Os03g0185500	AK106310	Hypothetical protein.		278	509	1029	577	428	224	184	696	369	186	180	747	342	275	153	761	222	166
Os03g0189100	AK066877	Conserved hypothetical protein.		340	1565	884	528	546	182	430	329	272	237	184	788	303	233	157	416	198	175
Os03g0190300	CI442602	Leucine-rich repeat, typical subtype containing protein.		650	2279	3607	1033	708	470	546	1272	699	363	814	3152	1067	639	485	1476	505	363
Os03g0193400	Os03g0193400	Polyamine oxidase precursor (EC 1.5.3.11).		20	19	192	100	50	20	26	157	42	26	22	162	122	100	18	101	33	32
Os03g0194900	AK061389	Protein of unknown function DUF568 domain containing protein.		29	458	434	283	168	28	162	400	229	70	22	419	115	108	21	234	87	48
Os03g0194900	AK070149	Protein of unknown function DUF568 domain containing protein.		308	1662	4944	1451	1080	390	839	2209	1527	610	128	5084	1318	553	127	2774	949	460
Os03g0194900	AK104041	Protein of unknown function DUF568 domain containing protein.		888	4350	11345	3482	2537	1106	1937	5186	3510	1468	300	9278	2987	1318	306	5157	2180	1043
Os03g0194900	AK104413	Protein of unknown function DUF568 domain containing protein.		949	4358	11545	3559	2649	1156	2021	4877	3511	1511	329	11657	3340	1365	337	6341	1746	1034
Os03g0195800	AF493792	High affinity sulphate transporter.		13	12	45	26	14	42	33	18	34	21	6	29	29	53	10	23	48	21
Os03g0195800	AK103007	High affinity sulphate transporter.		14	7	39	31	29	40	33	16	32	20	8	39	10	24	9	15	62	33
Os03g0207400	AK072292	Protein phosphatase 2C-like domain containing protein.		1604	5350	2713	1910	2303	970	1559	1043	1188	932	734	1667	1163	1166	462	757	600	552
Os03g0225100	AK070170	Protein kinase domain containing protein.		212	2435	1022	547	189	125	906	749	499	215	105	616	389	64	94	401	243	154
Os03g0225100	AK104423	Protein kinase domain containing protein.		148	1598	660	371	126	82	668	425	297	122	77	407	329	45	74	365	189	116
Os03g0225900	AK061758	Allene oxide synthase (EC 4.2.1.92).	*OsAOS2*	17	11	117	273	289	6	6	6	109	91	5	38	138	134	4	20	55	41
Os03g0225900	AK066138	Allene oxide synthase (EC 4.2.1.92).	*OsAOS2*	15	18	119	184	245	6	6	6	36	60	5	34	145	150	5	19	54	46
Os03g0225900	AY055775	Allene oxide synthase (EC 4.2.1.92).	*OsAOS2*	10	6	96	267	221	5	5	5	149	68	4	31	162	161	4	12	45	43
Os03g0225900	AY310358	Allene oxide synthase (EC 4.2.1.92).	*OsAOS2*	19	19	169	222	225	17	17	19	333	171	4	24	85	84	4	8	25	20
Os03g0226300	AK111731	Protein kinase family protein.		15	13	46	29	51	15	10	23	27	25	8	23	10	39	11	12	23	16
Os03g0230300	AK058934	Conserved hypothetical protein.		3393	6010	11412	4589	5416	3526	2115	5561	4030	3292	1546	8961	3073	3296	993	3434	1616	1634
Os03g0230300	AK102303	Conserved hypothetical protein.		5263	10683	17764	7417	9123	5686	4140	10026	7854	5793	2532	12825	5322	5647	1708	5423	3149	3043
Os03g0231300	AK110646	Hypothetical protein.		212	1037	2205	649	496	232	449	1168	641	344	221	3027	637	366	127	1271	342	217
Os03g0236200	AK071556	Glutamate decarboxylase isozyme 3 (EC 4.1.1.15).		26894	84478	87991	45681	29354	19376	17738	40373	38779	13411	18161	53271	32670	31282	9271	24290	21580	12446
Os03g0236200	AY187941	Glutamate decarboxylase isozyme 3 (EC 4.1.1.15).		17488	42560	41256	25769	19021	14139	13824	24971	23739	9693	12021	24275	15388	14936	7156	14801	12159	7739
Os03g0240600	AK109161	U box domain containing protein.		90	1631	2982	1507	931	107	722	1283	665	353	38	2351	844	188	24	830	342	227
Os03g0247900	CI555308	F5O11.14 (ACR8).		995	4444	3864	2653	2142	1181	1797	2468	2540	1458	782	5196	2117	1530	487	2262	1367	829
Os03g0252100	CI429568	Esterase/lipase/thioesterase domain containing protein.		221	271	473	153	102	129	125	204	134	88	118	255	134	67	125	197	88	99
Os03g0258200	AK100934	Esterase/lipase/thioesterase domain containing protein.	*hsr203J-like*	1736	5403	10254	2541	2060	1532	2098	3374	2149	1349	1509	11032	4078	2651	854	4584	1195	1132
Os03g0258900	AK121313	Glyoxal oxidase, N-terminal domain containing protein.		24	7	87	28	12	18	14	21	41	22	9	21	53	49	7	28	17	13
Os03g0264300	CB621804	Protein kinase domain containing protein.		27	54	99	204	141	30	46	126	181	59	29	109	96	74	24	118	38	48
Os03g0264400	AB022603	Anthranilate synthase alpha 2 subunit.		10001	10351	36796	50379	30754	12271	7670	29651	39745	15133	5983	33284	44260	22902	3979	19470	24749	13221
Os03g0264400	AK073501	Anthranilate synthase alpha 2 subunit.		9105	10068	39438	62588	33850	12837	8197	34187	50754	16696	6420	47681	76071	32160	3925	27064	39057	18308
Os03g0268600	AK069274	Protein phosphatase type 2C.		143	218	1060	541	415	105	83	333	184	102	30	435	215	166	28	432	109	58
Os03g0270500	AK108185	Protein of unknown function DUF668 family protein.		76	342	364	197	144	54	122	108	112	92	87	405	190	156	48	188	87	72
Os03g0276500	AK072830	Heat shock protein 70.		13658	16730	39152	44827	35761	15609	10579	18480	34490	14107	5434	28703	37478	18396	5170	15338	17639	13735
Os03g0276500	AK099275	Heat shock protein 70.		5988	7311	16086	17664	14780	6754	4974	8256	14337	6683	2939	13300	16509	8753	2744	7549	8522	6832
Os03g0276500	AK109474	Heat shock protein 70.		2334	2894	6825	7251	5917	2655	2069	3451	5597	2898	1166	5858	6556	3399	1072	3376	3616	2819
Os03g0277700	AK061148	Protein of unknown function DUF26 domain containing protein.		852	830	2542	9588	12920	571	601	1433	3933	5046	748	1254	2235	3322	404	818	1956	2521
Os03g0285800	AF216315	MAP kinase 1 (MAP kinase MAPK5a).		5390	24210	28847	15185	10049	4770	10546	21905	11506	6534	3493	17087	12672	7189	1559	8201	5096	3368
Os03g0285800	AF332873	MAP kinase 1 (MAP kinase MAPK5a).		5349	24606	29267	15178	10274	4760	10681	22438	11886	6766	3219	15528	11866	6621	1468	7885	5031	3114
Os03g0285800	AF479883	MAP kinase 1 (MAP kinase MAPK5a).		5640	25178	29866	16032	11023	4907	11024	22966	11816	6530	3493	17386	13035	7159	1598	8594	5295	3375
Os03g0285800	AF479884	MAP kinase 1 (MAP kinase MAPK5a).		5551	25541	31143	15573	10746	4831	10752	23211	12160	6695	3317	16045	12032	6889	1503	8260	4884	3183
Os03g0285800	AJ250311	MAP kinase 1 (MAP kinase MAPK5a).		5662	27011	30217	17278	11577	4982	12031	24947	12493	7065	3619	18842	13767	7964	1624	9101	5445	3570
Os03g0285800	AJ486975	MAP kinase 1 (MAP kinase MAPK5a).		5383	24793	28857	15525	10812	4742	10999	22740	11462	6433	3441	16746	12939	7348	1531	8156	4993	3311
Os03g0285800	AK067339	MAP kinase 1 (MAP kinase MAPK5a).		5357	24648	28081	15694	10565	4675	10983	22905	11436	6483	3417	16707	12430	7072	1509	8321	4952	3078
Os03g0285800	AK104834	MAP kinase 1 (MAP kinase MAPK5a).		5864	27215	31456	17192	11741	5026	11520	24020	12329	6957	3414	16879	13099	7266	1525	8198	5068	3196
Os03g0289800	AK060599	Isopenicillin N synthase family protein.		4	5	31	15	14	4	4	4	31	13	4	27	32	27	4	24	8	7
Os03g0289800	AK069008	Isopenicillin N synthase family protein.		21	77	129	114	83	20	20	61	63	40	11	35	51	53	8	87	33	17
Os03g0290300	AK058242	Fatty acid desaturase domain containing protein.	*OsFAD7*	2667	17785	12176	2824	2508	2029	4991	6776	2061	1651	1127	7798	2205	1853	876	3909	1395	1254
Os03g0299600	AK068151	Wound-induced WI12 family protein.		4642	18601	26505	11296	6658	4428	6395	10908	6211	4075	2759	21922	7131	3322	2747	13291	5332	3249
Os03g0301200	AK065552	COBRA-like protein 7 precursor.		3165	11857	4823	2591	2951	2908	4403	3295	2825	2371	1225	3203	1574	2016	1536	2095	1417	1528
Os03g0302000	CI447574	Peroxisomal biogenesis factor 11 family protein.		60	73	116	126	146	68	32	74	106	69	28	61	89	74	16	37	57	47

Os03g0302200	AK120853	Zn-finger-like, PHD finger domain containing protein.		4411	14711	14473	7434	5499	3838	4933	10812	6499	2842	3267	11240	6475	5110	2463	9112	3864	2931
Os03g0313300	CI422575	Poly(A) polymerase, central region domain containing protein.		71	96	165	105	83	47	58	70	62	50	68	220	94	63	47	128	43	45
Os03g0316200	AK071812	WSI76 protein induced by water stress.		9	23	37	7	8	7	14	12	7	8	4	20	7	4	3	7	3	3
Os03g0326000	AK059185	Phospholipid-transporting ATPase 1 (EC 3.6.3.1) (Aminophospholipid flippase 1).		2142	6125	11637	10976	10478	2284	2905	10931	10220	4637	1088	8145	5762	7459	975	5087	3748	3434
Os03g0326200	AK099837	Phospholipid-transporting ATPase 1 (EC 3.6.3.1) (Aminophospholipid flippase 1).		78	230	287	288	284	97	108	365	462	116	72	325	103	377	58	141	136	117
Os03g0327100	AK065989	NAM / CUC2-like protein.		437	1151	2260	781	773	548	584	1037	868	696	158	1744	812	575	112	706	274	267
Os03g0334200	AK066472	Hypothetical protein.		583	4046	1531	798	846	546	1407	991	1071	694	468	1469	711	722	291	658	597	518
Os03g0334200	AK120329	Hypothetical protein.		47	258	112	60	54	45	87	52	92	42	39	109	82	55	14	30	24	24
Os03g0341000	AK111414	AP2 domain containing protein RAP2.2 (Fragment).		59	235	2308	1386	700	41	53	972	375	287	305	2062	857	397	105	1285	392	259
Os03g0351300	Os03g0351300	Glycoside hydrolase, family 14 protein.		3601	6090	8718	9563	6839	3550	3397	4802	6156	2792	3634	10582	6220	5576	2227	5776	4995	2998
Os03g0353400	AB110172	Poly(A)-binding protein C-terminal interacting protein 243.		21561	151125	129474	65190	52990	27549	67674	92529	66279	33635	24146	174865	43326	51762	17240	85936	43828	35862
Os03g0371400	AK107816	Cytochrome P450 family protein.		80	60	374	1327	859	48	42	292	732	196	32	264	641	1154	25	93	533	133
Os03g0373500	AK111250	Hypothetical protein.		309	1328	1475	782	822	395	591	1071	616	420	271	1522	301	572	188	714	359	291
Os03g0374400	AK069719	Conserved hypothetical protein.		11	24	68	37	38	12	11	35	29	26	6	36	12	26	7	24	9	12
Os03g0374500	CI136677	RNA-binding region RNP-1 (RNA recognition motif) domain containing protein.		8	95	20	7	9	9	19	11	13	18	9	37	26	23	5	5	5	5
Os03g0375900	AK107064	Amino acid/polyamine transporter I family protein.		228	216	526	244	215	211	117	247	219	133	58	342	418	240	92	171	186	169
Os03g0386500	AK106316	Trehalose-6-phosphate phosphatase.		217	316	602	534	591	174	146	311	549	430	80	476	444	309	44	143	152	246
Os03g0389700	AB122057	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (DAHP synthetase 1).		4940	3466	45823	10348	4378	6838	2620	22467	11223	3460	1968	23309	8412	2748	2256	21576	4922	2714
Os03g0389700	AK059247	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (DAHP synthetase 1).		4709	3360	44299	9707	4265	6504	2548	21767	10998	3207	2074	24670	8723	2922	2380	22890	5168	2899
Os03g0389700	AK061085	Phospho-2-dehydro-3-deoxyheptonate aldolase 1, chloroplast precursor (EC 2.5.1.54) (DAHP synthetase 1).		5027	3553	46873	10314	4384	6901	2777	21889	11655	3585	1943	22492	8182	2738	2264	22321	5049	2692
Os03g0401300	AK061713	Sucrose synthase 2 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 2).		73864	70021	78816	157295	95374	96094	39567	51393	109025	43370	47464	68746	95711	68953	45219	53081	68631	44407
Os03g0402800	AK061842	ZIM domain containing protein.		5384	29528	37847	11396	6931	2943	12363	18321	5100	4332	3154	23641	6782	4583	2441	13845	3151	2297
Os03g0402800	AK099557	ZIM domain containing protein.		5400	30007	39008	11347	7082	2952	12735	18961	5115	4417	3005	23271	6507	4404	2328	13597	3142	2181
Os03g0429000	AK102768	Proteinase inhibitor I25, cystatin family protein.		28101	48832	107022	112696	57987	24537	20060	37477	57608	23678	12222	54006	45111	24787	10425	31401	31618	17830
Os03g0429800	AK065099	Xanthine dehydrogenase 1 (EC 1.1.1.204).		2610	2382	2838	6165	4654	2998	1851	2169	4255	2142	1229	2065	4636	2817	996	1704	2750	1831
Os03g0429800	AK067814	Xanthine dehydrogenase 1 (EC 1.1.1.204).		1578	1433	1729	3546	2784	1884	1127	1351	2693	1275	789	1359	2715	1855	653	1201	1758	1229
Os03g0437100	AK108997	Zn-finger, C2H2 type domain containing protein.		4	125	177	133	22	4	31	385	151	40	4	128	52	40	4	138	40	8
Os03g0437200	AK059839	Zn-finger, C2H2 type domain containing protein.		710	44311	36048	16446	6952	708	19035	19698	9264	4698	1258	26775	11419	4775	603	13957	4655	2654
Os03g0570100	AK119569	Cytochrome P450 79A1 (EC 1.14.13.41) (Tyrosine N-monooxygenase) (Cytochrome P450Tyr).		5	5	13	178	33	9	9	9	45	82	4	5	117	145	4	8	59	47
Os03g0576900	AK064598	Amino acid/polyamine transporter I family protein.		18	21	60	63	35	12	10	19	22	10	21	67	27	34	24	33	32	19
Os03g0589500	AK105481	Conserved hypothetical protein.		19	120	35	23	30	36	39	34	70	65	29	54	48	69	20	25	19	24
Os03g0594100	AK111441	Cytochrome P450 family protein.		86	87	80	263	462	61	30	43	100	178	130	313	514	591	32	24	113	170
Os03g0634400	AK111510	Protein kinase domain containing protein.	*OsCIPK7*	782	2777	2228	956	508	420	890	1295	575	355	359	1073	981	512	192	615	297	210
Os03g0657100	AK066133	U box domain containing protein.		104	142	311	211	148	93	46	211	179	78	43	209	178	141	36	66	96	56
Os03g0657100	AK120547	U box domain containing protein.		83	113	229	123	106	81	47	137	143	59	42	208	182	118	33	106	77	51
Os03g0667100	AK101223	BTB/POZ domain containing protein.		59	121	54	121	78	38	50	39	124	35	68	39	155	115	33	41	40	30
Os03g0687000	AK065253	Nitrate transporter NRT1-5 (Fragment).		1414	1458	5329	2634	1485	1263	763	2541	1981	984	910	3380	2931	1939	529	1812	1068	743
Os03g0687000	AK099244	Nitrate transporter NRT1-5 (Fragment).		4726	4242	15903	7751	4608	4256	2583	7759	6567	3186	3577	13703	11480	7578	2058	5670	3629	2538
Os03g0687000	AK099321	Nitrate transporter NRT1-5 (Fragment).		973	912	3582	1791	1003	874	536	1664	1373	703	659	2542	1908	1309	371	1190	728	524
Os03g0687000	AK099910	Nitrate transporter NRT1-5 (Fragment).		3659	3781	13152	6307	3789	3211	2046	6502	5172	2608	2549	10462	8552	5820	1406	4560	2866	1969
Os03g0687000	AK104378	Nitrate transporter NRT1-5 (Fragment).		4870	4422	16496	7947	4542	4396	2484	8141	6779	3271	3543	13189	11003	7301	2044	5497	3512	2469
Os03g0697200	Os03g0697200	Lysine decarboxylase-like protein.		53	123	85	111	100	56	74	71	45	75	178	326	668	313	64	69	72	56
Os03g0700700	AK071121	Lipoxygenase (EC 1.13.11.12).	*LOX*	3160	6118	20299	7249	3563	3126	2512	10006	6057	2358	1740	17703	5974	3333	1292	9928	3291	1889
Os03g0700700	AK072689	Lipoxygenase (EC 1.13.11.12).	*LOX*	3080	6112	20293	6966	3432	3051	2392	9519	5684	2413	1691	15572	5906	3193	1259	9310	3047	1797
Os03g0700700	AK072869	Lipoxygenase (EC 1.13.11.12).	*LOX*	3079	6046	20436	6927	3480	3046	2453	9984	5724	2317	1712	16441	5890	3183	1276	9413	3051	1838
Os03g0700700	AK105792	Lipoxygenase (EC 1.13.11.12).	*LOX*	3122	6196	20255	7174	3593	3103	2496	10004	5930	2410	1734	15971	5879	3274	1298	9570	3361	1943
Os03g0701200	AK061528	Haloacid dehalogenase-like hydrolase domain containing protein.		200	492	1772	818	987	168	193	686	478	309	169	1483	494	530	95	709	273	217
Os03g0701200	AK061982	Haloacid dehalogenase-like hydrolase domain containing protein.		104	264	1041	436	528	82	108	347	237	152	96	870	164	304	48	502	127	88
Os03g0701200	AK099563	Haloacid dehalogenase-like hydrolase domain containing protein.		99	259	967	431	458	84	98	292	228	149	101	922	282	340	48	437	127	114
Os03g0704700	AY224588	Pleckstrin-like domain containing protein.		341	259	724	364	203	344	89	389	269	258	226	616	383	199	150	349	267	170
Os03g0712400	AK111063	Atypical receptor-like kinase MARK.		34	44	78	61	36	33	18	29	42	18	27	98	101	49	17	38	30	35
Os03g0719000	AK108923	MAP65/ASE1 family protein.		15	25	44	21	15	12	12	12	29	40	4	22	5	5	4	9	4	8
Os03g0729000	AK108046	Conserved hypothetical protein.		7	31	173	19	10	13	13	102	29	8	10	94	146	15	5	56	18	5
Os03g0734500	AK108001	Conserved hypothetical protein.		5	55	32	5	7	6	35	7	16	23	7	206	21	11	9	100	9	9
Os03g0740900	AK062364	Non-protein coding transcript, unclassifiable transcript.		55	490	231	173	153	60	233	290	203	39	48	237	71	136	32	79	57	43
Os03g0741100	AK071734	Basic helix-loop-helix dimerisation region bHLH domain containing protein.		64	4636	1147	465	228	61	1886	756	333	115	108	1903	446	272	52	692	242	100
Os03g0750400	AK109888	Hypothetical protein.		7	35	46	50	43	5	12	18	29	22	12	43	48	36	8	38	18	38
Os03g0751600	AK061520	Heavy metal transport/detoxification protein domain containing protein.		236	290	241	376	498	180	147	149	249	232	48	74	282	213	47	50	189	120
Os03g0760200	AK066760	Cytochrome P450 family protein.		7371	11644	8842	14148	34763	11525	8334	7713	11675	12387	6198	6012	2702	25148	5838	4747	6367	15971
Os03g0760200	AK104825	Cytochrome P450 family protein.		7655	11973	9042	14375	37341	11877	8590	7844	11867	12938	5874	5630	2602	24497	5562	4710	6181	14483
Os03g0761100	AK066083	Protein phosphatase 2C-like protein.		27	56	101	61	49	29	23	65	58	34	28	87	51	46	17	58	44	19
Os03g0764100	AF332876	Conserved hypothetical protein.		2177	32835	21758	10251	7088	2182	13501	12080	9237	5009	2403	17610	10593	5787	1569	11141	5271	3810
Os03g0766900	AK066137	Conserved hypothetical protein.		15	120	179	67	23	11	22	47	33	22	19	97	53	25	27	68	25	18
Os03g0767000	AB116527	Allene oxide synthase (EC 4.2.1.92).	*OsAOS1*	1307	7438	10288	2816	1233	518	1625	3359	1575	773	458	5775	2700	626	406	2763	1150	587
Os03g0767000	AK068620	Allene oxide synthase (EC 4.2.1.92).	*OsAOS1*	1195	6834	9084	2873	1129	455	1408	3163	1355	673	461	6169	2682	674	423	3191	1138	622
Os03g0769500	AK107501	Calcium-binding EF-hand domain containing protein.		72	83	252	293	190	107	135	184	134	157	88	181	76	60	40	177	85	74
Os03g0772600	AK120949	Protein kinase family protein.		131	193	189	491	382	101	94	73	233	197	208	201	606	459	49	60	246	189
Os03g0776400	AK106237	Conserved hypothetical protein.		216	237	464	402	389	272	217	203	429	323	325	697	625	491	80	102	258	200
Os03g0787000	AK065950	Syntaxin.		323	2107	1508	637	460	324	834	839	567	363	249	1471	571	366	155	567	280	225
Os03g0788500	AK072204	Calcium-dependent protein kinase 2.		890	3427	3958	1338	949	844	1343	2769	1311	801	485	2994	986	498	457	1855	618	376
Os03g0803600	CI526548	Glycosyl transferase, family 31 protein.		70	144	59	40	66	61	70	41	42	37	19	15	29	51	23	31	18	25
Os03g0804500	AF072694	Germin-like protein subfamily T member 1 precursor.		664	1639	7171	1262	352	779	1506	3249	678	382	468	6931	1083	215	478	4943	613	197
Os03g0804500	AK062698	Germin-like protein subfamily T member 1 precursor.		704	1649	7382	1251	362	828	1567	3286	704	411	479	6715	1155	219	513	5732	696	233
Os03g0804600	Os03g0804600	RmlC-like cupin family protein.		119	160	471	150	97	114	138	235	105	90	130	453	186	83	128	348	118	99
Os03g0821300	AJ575237	Protein phosphatase 2C-like domain containing protein.		1574	4070	3646	2293	1968	1751	2004	2805	2110	1347	746	2745	1829	1331	797	1827	1220	884
Os03g0827900	Os03g0827900	Conserved hypothetical protein.		203	164	584	288	200	176	110	277	180	146	129	347	180	125	79	170	133	117
Os03g0829200	AK108175	Soluble epoxide hydrolase.		25	21	30	104	78	49	27	21	68	33	26	74	145	98	30	53	89	68
Os03g0830400	CI422497	PGPS/D12.		5	11	96	5	5	5	6	29	13	8	4	204	13	4	4	78	4	4
Os03g0830500	AK071173	PGPS/D12.		45	570	9218	3484	1936	42	309	2421	533	121	76	9972	1624	327	31	4968	457	83
Os03g0838100	AK066616	Curculin-like (mannose-binding) lectin domain containing protein.		1260	2205	4186	2846	1770	1154	1009	2511	2410	1115	562	3007	2448	1579	505	1914	1496	1007
Os03g0838100	AK119863	Curculin-like (mannose-binding) lectin domain containing protein.		609	1107	2508	1533	987	541	494	1383	1291	635	304	1881	1563	1032	252	1149	828	547
Os03g0838100	AK119881	Curculin-like (mannose-binding) lectin domain containing protein.		1289	2492	4701	3505	2232	1169	1170	2997	2778	1216	600	3744	2918	1974	548	2398	1876	1213
Os03g0849800	AK069826	Conserved hypothetical protein.		2155	3498	6262	2694	2208	1806	1744	4921	1872	1821	608	2598	1122	829	555	1480	870	777
Os03g0850700	AK062083	Phosphatidylinositol phosphatidylcholine transfer protein sec14 cytosolic-like protein.		11	11	444	150	122	7	7	47	69	71	12	599	188	85	12	541	154	44
Os04g0107600	AK058573	Arginine decarboxylase (EC 4.1.1.19) (ARGDC) (ADC).		4	4	252	95	27	4	4	4	90	5	4	41	180	32	4	108	72	15
Os04g0110100	AK062396	Concanavalin A-like lectin/glucanase domain containing protein.		87	229	1091	119	47	91	70	364	120	36	47	1489	71	29	91	948	214	123
Os04g0119500	AJ698084	Membrane related protein-like.		3122	17300	20301	11344	7243	3083	6717	12423	9060	4420	2025	17275	8169	5263	1593	8655	4667	2929
Os04g0119500	AK061898	Membrane related protein-like.		3158	17008	21423	11113	6862	3165	6889	12426	8939	4675	1991	18691	8787	5404	1607	8876	4800	2975
Os04g0119500	AK063189	Membrane related protein-like.		300	1740	1648	1223	816	324	932	1032	1194	350	217	1249	654	525	242	774	428	317
Os04g0119500	AK065035	Membrane related protein-like.		3016	16238	20990	11144	6934	3013	6847	12308	8340	4441	2026	18773	9183	5768	1624	8881	4893	3094
Os04g0149400	AK062765	Hypothetical protein.		1102	3397	5919	2260	2039	506	1366	1920	1591	1916	1685	4810	1801	1669	552	1894	821	924
Os04g0150300	AK103818	Conserved hypothetical protein.		16	35	50	33	30	9	9	11	32	25	50	68	98	184	11	46	24	13
Os04g0172400	AK064755	Transferase family protein.		6	6	13	40	65	6	6	6	122	49	4	18	53	42	4	6	22	22
Os04g0179100	CI027926	Glucose/ribitol dehydrogenase family protein.		1248	1797	11189	74553	53353	2139	2179	9060	33793	20165	3948	23962	72631	43939	253	4632	22708	15934
Os04g0179200	AK106087	Stem secoisolariciresinol dehydrogenase (Fragment).		2041	2574	15100	100868	77195	4080	5292	18108	50838	35596	1658	14113	61565	32084	502	9913	33145	26270
Os04g0179200	AK120852	Stem secoisolariciresinol dehydrogenase (Fragment) (Momilactone A synthase).	*OsMAS*	1874	2368	14662	97910	67580	3794	5049	16453	47765	32862	1671	13663	60415	32174	520	10426	34840	22064
Os04g0179700	AK119327	Terpene synthase.	*OsKSL4*	161	224	2389	8617	7639	399	304	3561	8194	3454	74	1656	3711	2873	22	1140	1521	980
Os04g0179700	AY347880	Terpene synthase.	*OsKSL4*	234	335	3703	18738	13528	569	450	5143	12067	4529	107	2273	8444	4750	28	1184	4690	2402
Os04g0180400	AK071546	Cytochrome P450 CYP99A1 (EC 1.14.-.-) (Fragment).	*CYP99A2*	2984	3033	20846	148285	85687	7725	4752	18824	74431	37136	431	6186	69992	32046	370	6809	41864	20520
Os04g0203700	CI223934	(No Hit)		48	170	684	130	101	5	5	5	23	10	245	1674	449	475	9	157	34	27
Os04g0203900	CI363731	(No Hit)		89	95	337	189	470	85	126	151	259	292	57	250	210	164	25	69	157	58
Os04g0204000	Os04g0204000	Conserved hypothetical protein.		335	1818	4014	1281	945	71	133	260	190	169	373	2985	723	682	96	1123	332	190
Os04g0204100	Os04g0204100	Conserved hypothetical protein.		4929	11496	15129	9142	13011	4713	4006	11092	9039	10477	2575	7375	3194	5731	1661	5644	3188	3502
Os04g0206500	AK110892	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		217	798	3254	597	410	22	12	46	41	28	1105	10374	2072	2627	31	1595	97	190
Os04g0206600	AK106302	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		2932	7081	11392	5762	8948	3039	2831	7436	6198	7372	1459	5149	2030	3921	821	3808	2089	2455
Os04g0226600	AK119282	Receptor-like protein kinase 4.		18	21	121	151	72	14	12	43	45	23	11	104	222	51	8	58	42	14
Os04g0267000	CI125814	(No Hit)		57	64	121	64	50	36	24	53	40	10	29	93	61	45	10	24	9	9
Os04g0274700	CI397599	(No Hit)		687	824	2119	1167	896	431	369	1407	825	583	551	1563	689	638	334	1658	562	388
Os04g0275100	AK106614	EGF-like calcium-binding domain containing protein.		117	80	200	353	264	113	65	141	212	127	60	233	453	266	39	94	176	91
Os04g0288100	CI402652	Adenosine diphosphate glucose pyrophosphatase precursor.		734	637	3851	6879	8416	575	819	1795	3721	3997	960	2917	6922	6092	475	1752	3553	3207
Os04g0301500	AB040744	Basic helix-loop-helix dimerisation region bHLH domain containing protein.	*RERJ1*	80	13528	5328	152	77	89	5245	4365	127	107	31	2774	85	27	13	861	32	19
Os04g0316200	AK110725	Protein of unknown function DUF26 domain containing protein.		6134	5547	12716	40981	63779	1710	2123	4734	17068	15449	2314	11204	32374	72998	968	3468	9798	13781
Os04g0316200	AY576676	Protein of unknown function DUF26 domain containing protein.		3415	3276	7606	23565	36497	946	1210	2736	9835	9235	1344	6739	19967	42410	548	2108	6209	8044
Os04g0322100	CI215988	Protein of unknown function DUF26 domain containing protein.		5562	5013	11562	35625	56516	1587	1920	4250	15992	14951	2243	10535	30714	65982	933	3288	9437	13040
Os04g0365100	AK111580	Wall-associated kinase-like protein.		5	39	31	5	5	6	23	8	1	1	6	37	13	3	4	21	4	2
Os04g0368000	CI447876	(No Hit)		23	90	63	18	16	12	29	21	41	12	30	94	54	47	5	12	8	6
Os04g0368800	Os04g0368800	EGF-like calcium-binding domain containing protein.		25	109	419	73	75	24	42	150	44	43	33	403	98	59	22	166	32	64
Os04g0369000	AK119916	Major sperm protein domain containing protein.		47	56	111	65	50	25	33	36	36	32	14	40	49	13	6	10	6	7
Os04g0372700	AK062814	GroES-like domain containing protein.		16	253	19	20	52	13	86	16	27	21	30	29	16	73	27	31	17	20
Os04g0391500	AK067296	Amino acid-binding ACT domain containing protein.		644	1598	2744	1645	923	342	466	1303	1023	449	246	1628	939	694	215	842	502	286
Os04g0391500	AK072197	Amino acid-binding ACT domain containing protein.		114	265	448	260	142	65	63	202	181	79	43	266	155	122	33	98	124	38
Os04g0395800	AK107750	ZIM domain containing protein.		5	45	466	27	17	5	10	57	21	16	5	615	59	40	4	218	15	4
Os04g0413500	AK072276	Cell wall invertase 2.		86	49	218	84	71	72	46	38	87	86	31	49	72	23	21	32	35	28
Os04g0413500	AY340072	Cell wall invertase 2.		40	28	105	54	33	26	31	21	43	31	68	126	164	75	60	107	98	78
Os04g0430200	AK104956	Phosphatidylinositol-specific phospholipase C, X region domain containing protein.		25	72	94	223	70	41	45	90	90	98	5	16	6	78	4	17	11	33
Os04g0439100	AK067590	T-complex 11 family protein.		48	47	130	130	132	50	16	47	125	42	13	33	47	29	11	50	17	13
Os04g0439100	AK120173	T-complex 11 family protein.		604	589	1436	1730	1460	717	434	892	1440	642	319	1914	1767	1240	223	987	762	537
Os04g0447100	CI190887	Lipoxygenase.	*LOX*	1997	10976	16065	5240	3787	1232	2291	6665	3683	1311	2590	16505	5808	5342	1078	6769	1974	1245
Os04g0449800	CI171783	Esterase/lipase/thioesterase domain containing protein.		51	43	169	29	18	16	19	22	10	4	22	75	31	21	17	78	10	11
Os04g0450100	AK069194	Protein of unknown function DUF341 family protein.		2574	5384	9955	5492	5885	1875	2995	3664	2267	3216	2551	12580	3380	4162	1540	5995	2080	2175
Os04g0450100	AK100647	Protein of unknown function DUF341 family protein.		796	1402	2745	1652	1669	550	723	1004	578	873	842	3534	1116	1237	512	1983	672	734
Os04g0458600	AK106058	Non-cell-autonomous protein pathway2.		6	6	67	261	343	12	8	33	166	225	21	118	665	874	6	31	248	218
Os04g0459500	AK119220	GADPH (383 AA) (Fragment).		17	61	29	28	23	15	16	18	13	17	19	40	30	15	14	15	13	19
Os04g0461000	CI523687	Myb, DNA-binding domain containing protein.		31	44	93	229	143	26	16	36	87	58	11	91	133	101	5	20	24	15
Os04g0463400	AK059730	Protein of unknown function DUF125 family protein.		50	40	206	430	357	70	69	135	182	201	129	335	360	313	77	189	330	318
Os04g0469300	CI441424	(No Hit)		447	1063	1106	194	108	193	405	744	133	93	112	463	162	66	412	769	83	72
Os04g0469300	CI441424	(No Hit)		388	890	923	142	105	192	400	780	106	98	106	415	165	68	414	711	86	60
Os04g0482300	AK064143	TAZ finger domain containing protein.		251	1264	1176	1562	1237	372	587	815	2122	786	255	3411	1516	1043	137	1146	515	225
Os04g0488700	AK067266	Protein kinases-like protein.		29	33	43	44	77	33	28	20	58	45	12	13	20	35	9	9	14	17
Os04g0492800	CI013597	Calmodulin (CaM).		332	915	466	160	153	236	429	277	132	151	184	500	144	81	154	262	105	72
Os04g0494100	AB096140	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).		252	375	947	1719	1367	218	122	346	323	336	241	1049	1931	930	73	373	720	482
Os04g0494100	AK071013	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).		251	377	1080	1579	1322	208	99	317	311	319	235	982	1950	864	76	400	656	494
Os04g0494100	AK104242	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).		179	283	800	1200	1024	151	81	251	258	280	181	867	1569	688	55	314	612	438
Os04g0494100	AK104426	Endochitinase A precursor (EC 3.2.1.14) (Seed chitinase A).		311	397	1153	1737	1382	223	153	350	359	411	419	1309	2079	1028	155	607	841	688
Os04g0504800	AK105555	Poly(A)-binding protein.		52	111	91	57	57	38	40	30	40	35	34	72	53	40	28	31	37	40
Os04g0509500	AK107601	Conserved hypothetical protein.		53	104	352	159	82	51	35	122	123	52	34	103	92	70	19	42	49	41
Os04g0509600	AF001505	Ammonium transporter 1, member 1 (LeAMT1;1).		5184	7119	14697	9184	7361	5577	2618	8014	9083	4118	1595	5489	8425	6159	1437	3239	4024	3248
Os04g0509600	AK073718	Ammonium transporter 1, member 1 (LeAMT1;1).		5051	6960	14537	8821	7380	5342	2542	7704	8713	3912	1656	5871	8722	6629	1459	3189	4027	3201
Os04g0509600	AK105667	Ammonium transporter 1, member 1 (LeAMT1;1).		5905	8102	16751	10895	8740	6234	2973	9377	9958	4616	1550	5454	9024	6253	1436	3266	4031	3089
Os04g0512500	AK107826	Conserved hypothetical protein.		114	216	313	213	216	62	73	114	85	59	120	306	183	160	50	150	124	86
Os04g0514600	Os04g0514600	Disease resistance protein family protein.		167	1642	834	394	318	195	716	783	461	211	135	1025	341	314	83	404	249	181
Os04g0515900	AK062955	NAM / CUC2-like protein.		8	18	91	12	8	7	7	18	33	6	24	200	97	52	9	156	85	13
Os04g0516800	AK105554	Conserved hypothetical protein.		25	25	109	84	44	7	7	18	31	13	32	69	68	68	16	26	40	38
Os04g0516900	AK108714	Conserved hypothetical protein.		7	7	36	32	15	5	5	5	26	3	8	17	27	24	5	12	21	15
Os04g0517100	AK111798	Myb protein.		2552	56038	31512	11150	7916	2171	18939	16671	5837	5336	2537	28595	7898	4641	1680	13766	4155	2875
Os04g0517100	AY323484	Myb protein.		2562	54097	32562	10734	7888	2232	19038	16740	5994	5424	2729	32327	8484	4923	1794	15392	4339	3001
Os04g0517100	Y11414	Myb protein.		2532	55021	33128	10667	7869	2185	18577	16688	5907	5483	2728	31354	8282	4872	1838	15875	4482	3311
Os04g0524600	AK069437	Oligopeptide transporter OPT superfamily protein.		1568	1837	5098	4436	2166	1494	889	2090	2883	1048	1147	5483	4429	2959	777	2476	2277	1383
Os04g0535600	AK065130	Beta-fructofuranosidase 1 precursor (EC 3.2.1.26) (Sucrose-6-phosphate hydrolase 1) (Invertase 1).		5	5	8	28	58	4	4	4	12	53	5	7	10	80	4	5	15	13
Os04g0535600	AK099312	Beta-fructofuranosidase 1 precursor (EC 3.2.1.26) (Sucrose-6-phosphate hydrolase 1) (Invertase 1).		10	7	15	80	186	7	7	7	48	78	7	15	149	208	4	12	40	34
Os04g0538300	CI138288	(No Hit)		218	408	2097	467	245	72	91	391	167	173	497	4665	269	266	255	1790	201	186
Os04g0538400	AK108230	Nodulin 21 (N-21).		165	114	540	66	49	21	20	15	11	10	35	1601	21	10	23	255	14	11
Os04g0540900	AK066397	Protein kinase domain containing protein.		52	127	123	58	42	49	30	68	37	45	33	145	75	42	28	250	36	45
Os04g0543100	AK062379	Non-protein coding transcript, unclassifiable transcript.		25	52	81	68	37	18	19	39	23	23	24	45	52	45	11	27	46	21
Os04g0543900	AK065301	Glutamate dehydrogenase 2 (EC 1.4.1.3) (GDH 2).		11	92	21	31	21	8	10	15	29	7	39	101	32	58	25	208	48	14
Os04g0561000	CI125180	MscS Mechanosensitive ion channel family protein.		22	10	44	68	20	14	14	14	33	8	5	17	23	14	8	14	11	19
Os04g0564700	AK111806	Hypothetical protein.		31	26	31	93	99	48	47	26	76	45	25	56	114	94	16	35	88	37
Os04g0565500	AK058888	Amino acid transporter protein-like.		46	274	168	42	16	18	30	15	11	13	18	108	20	8	7	24	5	2
Os04g0565500	AK071118	Amino acid transporter protein-like.		77	407	251	73	26	31	51	35	22	17	36	184	44	24	21	36	10	8
Os04g0565500	AK105902	Amino acid transporter protein-like.		46	265	150	31	16	19	38	19	12	4	16	106	20	8	6	17	3	6
Os04g0568700	AY344483	Heat stress transcription factor Spl7 (Heat shock transcription factor) (Heat shock factor RHSF10).		1098	2549	2358	2074	1991	825	1067	1209	1294	1020	501	1977	991	1007	388	953	834	780
Os04g0573200	AK110034	Copper/Zinc superoxide dismutase family protein.		124	164	277	249	117	101	60	185	155	44	41	83	125	74	50	81	120	50
Os04g0578000	AK064250	ACC synthase (EC 4.4.1.14).	*OsACS2*	276	1485	2717	1927	1165	522	628	1505	1335	491	248	2767	1765	1054	89	779	770	545
Os04g0578400	AK060559	Beta-ring hydroxylase (Fragment).		341	1056	1816	824	632	350	447	980	603	408	494	1311	690	629	242	884	476	400
Os04g0581100	AK100853	Isopenicillin N synthase family protein.		61	61	147	512	786	7	8	10	56	171	15	22	251	205	5	5	44	49
Os04g0585900	AK070920	Protein of unknown function DUF581 family protein.		66	74	333	38	48	48	90	244	46	24	57	119	22	12	35	166	22	17
Os04g0589400	CI042304	(No Hit)		11033	12532	20125	30723	19102	8687	4569	10650	22571	5828	5472	14387	26842	23825	3726	6596	14831	10332
Os04g0589700	AK070506	U box domain containing protein.		89	114	148	153	195	66	66	78	82	93	46	97	93	117	36	54	79	58
Os04g0594100	AK111960	MYB8.		54	41	139	66	35	55	23	85	60	15	17	61	76	22	18	50	22	15
Os04g0597600	AK070216	Proton-dependent high affinity oligopeptide transporter PepT2.		7	191	509	452	139	5	35	223	685	51	5	329	700	83	4	301	220	37
Os04g0597800	AK101480	Oligopeptide transporter, kidney isoform (Peptide transporter 2) (Kidney H+/peptide cotransporter).		29	66	570	80	45	43	40	199	87	47	13	309	221	48	26	244	125	42
Os04g0597800	AY305030	Oligopeptide transporter, kidney isoform (Peptide transporter 2) (Kidney H+/peptide cotransporter).		98	361	2059	939	368	110	253	1023	589	201	43	1061	1392	266	76	939	411	165
Os04g0599100	AK072303	PWWP domain containing protein.		97	146	294	201	167	93	55	152	156	79	65	251	189	144	33	107	77	74
Os04g0600200	AB004864	Alternative oxidase 1c, mitochondrial precursor (EC 1.-.-.-).		4267	6343	10407	7917	9296	2593	3558	7605	5399	4397	1755	5915	4038	3982	1163	3957	2982	2742
Os04g0600200	AK064040	Alternative oxidase 1c, mitochondrial precursor (EC 1.-.-.-).		4049	6099	9961	7705	8838	2491	3421	7338	5183	4369	1814	6071	4262	4149	1167	3990	3044	3226
Os04g0603400	AK107076	Conserved hypothetical protein.		125	142	1227	1236	603	132	199	926	439	300	118	1157	532	229	71	956	351	165
Os04g0609600	AK070129	Protein phosphatase type 2C.		3690	4999	7501	5326	4753	3721	2135	5811	4982	4255	2271	6363	4375	3805	1860	4061	3121	2810
Os04g0610400	AU183275	Pathogenesis-related transcriptional factor and ERF domain containing protein.		15529	100132	43766	22584	18563	14351	32142	23077	20845	11741	9926	28489	14748	13332	7559	15001	10422	8822
Os04g0612500	AK062295	Root-specific protein (RCc2 protein).		251	323	606	524	254	154	216	200	150	164	32	273	99	11	20	49	34	29
Os04g0617400	CI419915	(No Hit)		12	162	466	34	112	14	75	319	101	66	68	645	147	96	12	78	26	26
Os04g0632100	AF403127	S-locus receptor-like kinase RLK13.		32	98	131	40	47	11	7	27	17	18	18	157	48	45	7	34	12	12
Os04g0632100	AK065352	S-locus receptor-like kinase RLK13.		6	16	23	6	7	5	5	5	10	5	5	22	8	9	4	7	4	4
Os04g0633200	Os04g0633200	S-locus glycoprotein family protein.		16	18	20	109	175	11	8	15	23	54	16	22	133	134	13	13	46	50
Os04g0645100	AK100454	TPR-like domain containing protein.		1459	1187	1504	4628	3807	1623	629	1116	3528	1331	699	1118	4605	3365	596	886	2578	1606
Os04g0649900	AK061488	Uncharacterized plant-specific domain 01627 containing protein.		281	410	1263	453	310	252	203	584	460	198	157	853	489	290	142	435	269	167
Os04g0650700	AK058733	L-asparaginase (L-asparagine amidohydrolase).		12297	18933	40458	87404	75913	14843	8641	32554	54564	25376	8567	28898	89939	62199	3408	10404	17875	15194
Os04g0650700	AK061502	L-asparaginase (L-asparagine amidohydrolase).		57	160	130	283	299	64	117	253	265	83	42	139	281	372	27	42	91	124

Os04g0650700	AK121820	L-asparaginase (L-asparagine amidohydrolase).		23662	36869	80101	193069	160627	30131	16964	64741	124700	49648	16135	60329	219165	123012	6141	20880	37760	31450
Os04g0653700	AK062771	Hypothetical protein.		89	72	174	653	1074	30	144	176	369	1371	104	164	358	506	21	53	238	291
Os04g0659300	AK111969	Protein of unknown function DUF26 domain containing protein.	*OsRLK*	817	904	14787	26324	24557	704	961	6022	18758	12505	1087	32324	52445	39800	740	14672	22231	14808
Os04g0659300	AY303697	Protein of unknown function DUF26 domain containing protein.	*OsRLK*	737	830	11654	17649	17588	681	1072	5727	15515	10596	1062	20957	27391	27914	788	10565	13103	11126
Os04g0662400	AK108652	Auxin responsive SAUR protein family protein.		154	439	626	326	329	62	104	119	62	96	49	626	423	55	44	187	62	59
Os04g0664500	AK109743	Agmatine coumaroyltransferase.		5	5	329	61	9	5	5	38	41	9	4	243	234	14	4	108	22	4
Os04g0664600	Os04g0664600	Agmatine coumaroyltransferase.		56	60	511	180	61	59	61	189	102	79	37	360	386	57	34	134	69	41
Os04g0667200	CI439818	2OG-Fe(II) oxygenase domain containing protein.		19	15	420	32	19	24	28	216	18	9	18	100	24	12	7	167	17	9
Os04g0671200	AK106044	Flavin-containing amine oxidase family protein.		42	67	107	69	54	36	23	78	45	52	23	82	48	44	14	42	17	24
Os04g0672600	AK070283	Leucine-rich repeat, typical subtype containing protein.		251	477	776	589	333	219	169	471	337	193	138	665	463	333	105	248	232	156
Os04g0674800	AK119913	Cellulase (Fragment).		113	160	962	1951	1634	93	111	717	744	704	125	942	1371	1057	32	186	412	361
Os04g0677200	AK107505	Leucine-rich repeat, plant specific containing protein.		10	11	124	96	99	10	10	24	50	27	5	14	40	38	5	16	20	23
Os04g0677400	AK069563	Conserved hypothetical protein.		17	18	29	50	40	8	9	14	17	9	16	45	38	54	14	41	61	32
Os04g0685300	AF039532	Harpin-induced 1 domain containing protein.		2092	13864	6386	2804	2504	1634	4785	3891	2607	1561	915	4989	1749	1543	716	1975	1175	897
Os04g0685300	AK070446	Harpin-induced 1 domain containing protein.		79	378	228	83	78	59	102	100	71	47	30	136	56	56	23	111	32	39
Os04g0685300	AK104363	Harpin-induced 1 domain containing protein.		1736	11675	5640	2261	1972	1421	3934	3305	2243	1405	888	4563	1609	1438	735	1925	1148	931
Os04g0685400	AK061257	Harpin-induced 1 domain containing protein.		2361	3241	5949	4759	4627	1777	1589	2688	3365	3541	903	2617	2799	1942	806	1956	1593	1610
Os04g0685400	AK069353	Harpin-induced 1 domain containing protein.		2542	3488	6281	5215	5111	1867	1607	2841	3522	3813	1031	2784	3125	2283	907	2248	1883	1869
Os04g0685400	AK103610	Harpin-induced 1 domain containing protein.		2573	3489	6315	5697	5293	1872	1763	2968	3516	3715	960	2832	2992	2157	886	2270	1796	1854
Os04g0685700	CI550567	Conserved hypothetical protein.		9080	30674	27722	15153	13523	6644	12251	17922	15090	8410	7199	20829	11100	9307	4653	13715	6006	5141
Os04g0686000	AK108418	U box domain containing protein.		130	2105	965	448	389	134	672	416	543	313	58	1674	89	221	134	791	333	289
Os04g0688100	AF019743	Anionic peroxidase precursor.		23927	21205	53349	70465	37812	8868	7374	10047	24481	10134	7023	35850	165535	85293	8886	19740	37191	19599
Os04g0688100	AK060789	Anionic peroxidase precursor.		11005	9933	24269	30854	18376	4038	3627	4737	11552	5236	3219	15995	64585	33473	4061	8874	15669	9447
Os04g0688100	AK102307	Anionic peroxidase precursor.		13739	12811	30878	40398	22956	4889	4556	5811	14220	6246	3820	18380	76138	39945	4825	10720	19517	11107
Os04g0688100	AK104833	Anionic peroxidase precursor.		26559	22005	55908	73277	38899	9765	7529	10357	25624	10358	7714	38845	185784	91419	9803	21548	40297	21141
Os04g0690800	AK071638	22 kDa protein of photosystem II.		26	23	40	73	51	22	24	24	29	36	30	46	76	40	19	29	42	31
Os04g0690800	D84392	22 kDa protein of photosystem II.		30	24	98	75	59	26	29	29	47	41	38	72	84	33	15	24	20	23
Os04g0691400	CI144524	TGF-beta receptor, type I/II extracellular region family protein.		9	25	107	42	9	11	11	95	20	8	3	61	46	12	6	87	2	6
Os04g0691800	CI312306	C2 domain containing protein.		1340	2042	3181	2265	1778	604	365	989	1014	450	426	2130	1504	1169	235	867	660	418
Os05g0100600	AK064514	Potential phospholipid-transporting ATPase 10 (EC 3.6.3.1) (Aminophospholipid flippase 10).		1013	3004	4711	4086	2974	1088	992	2807	3875	1344	293	2730	2754	2217	234	1066	1620	1064
Os05g0100600	AK100999	Potential phospholipid-transporting ATPase 10 (EC 3.6.3.1) (Aminophospholipid flippase 10).		22	89	64	96	66	22	13	46	47	12	10	31	46	46	10	16	24	15
Os05g0104300	Os05g0104300	Leucine-rich repeat, plant specific containing protein.		737	828	1441	1674	1704	587	484	976	1083	654	354	989	811	785	265	534	544	518
Os05g0104600	Os05g0104600	Leucine-rich repeat, plant specific containing protein.		1575	2573	16317	15741	14552	2514	1866	11102	13580	5713	3231	14927	9522	9730	1591	8434	7449	6235
Os05g0104700	AK108676	Leucine-rich repeat, plant specific containing protein.		1197	1982	16228	16759	14952	1635	997	8637	9393	4012	2426	15133	9436	9256	944	7833	6378	4772
Os05g0110000	AK067181	Zn-finger, RING domain containing protein.		2432	11309	5827	4301	3026	2067	3456	3306	3143	1437	1093	3575	2821	2189	913	2273	1616	1233
Os05g0127300	AK106429	Cytokinin-regulated kinase 1.		4711	18016	9038	5482	4289	3293	5347	4529	4712	1927	1976	8614	5288	4844	1415	2724	2404	1916
Os05g0127300	AK121766	Cytokinin-regulated kinase 1.		824	2832	1617	957	697	548	848	769	681	310	356	1454	889	756	242	492	413	361
Os05g0127500	AK068517	Leucoanthocyanidin dioxygenase-like protein.		12	19	63	8	8	11	11	21	5	2	10	54	34	3	16	47	8	3
Os05g0128200	AK099898	Transposable element Mu1 sequence.		2645	22551	11056	4928	3482	2251	6469	5396	4055	1990	1482	9660	3436	2483	1212	5218	2354	1768
Os05g0128200	AK105767	Transposable element Mu1 sequence.		6122	37105	19946	11205	8466	5707	14072	11270	11271	4761	3246	15060	7037	5596	3285	9550	5409	4352
Os05g0129300	AK065180	Basic/leucine zipper protein.		10518	22462	32936	25247	19355	9779	10987	17540	17467	10308	9874	33865	17089	16145	6254	19736	11041	8373
Os05g0132700	CI562776	Typical P-type R2R3 Myb protein (Fragment).		11	61	164	26	11	18	16	92	17	9	8	262	30	18	6	60	19	7
Os05g0134400	AK061809	Haem peroxidase, plant/fungal/bacterial family protein.		445	532	2036	648	384	277	198	992	416	200	133	1133	486	183	166	513	151	84
Os05g0134400	AK119205	Haem peroxidase, plant/fungal/bacterial family protein.		734	853	3077	966	605	433	316	1404	617	285	179	1524	595	214	263	807	222	127
Os05g0134400	AK122031	Haem peroxidase, plant/fungal/bacterial family protein.		998	1288	3290	1307	841	715	588	1899	1070	609	360	1938	1205	423	382	1039	455	251
Os05g0149400	AK061064	1-aminocyclopropane-1-carboxylate oxidase.	*OsACO5*	14	38	197	36	11	6	6	21	17	6	66	468	117	36	11	426	23	16
Os05g0156500	AK062718	Apobec-1 binding protein 2.		1289	1304	4219	3283	1593	1189	959	1803	2726	1530	737	3078	2351	1054	512	1682	1476	935
Os05g0161800	CI236301	(No Hit)		10	23	258	20	10	5	10	8	12	11	4	39	112	7	23	229	65	17
Os05g0163900	AK110619	Basic helix-loop-helix dimerisation region bHLH domain containing protein.		5	12	154	45	5	6	6	55	81	13	6	248	87	5	5	81	46	7
Os05g0165900	AK103089	Protein kinase domain containing protein.		240	618	1318	566	295	184	293	1139	363	249	160	884	325	212	133	728	226	134
Os05g0186300	AK071155	NADP-malic enzyme.		10176	21262	108157	23084	10635	7473	6447	52764	14920	5504	8702	98366	14786	6452	4727	49628	8979	3383
Os05g0186300	AK099249	NADP-malic enzyme.		14290	31511	192040	33911	15769	10927	9713	79962	22167	8077	14305	191495	27141	11980	7436	89736	14835	5772
Os05g0186300	AY435404	NADP-malic enzyme.		16724	36474	200332	37487	16725	12513	10086	82609	25175	8681	15890	198873	28771	12608	8659	94148	16755	6357
Os05g0194900	AK071798	Pyrophosphate-fructose-6-phosphate 1-phosphotransferase-like protein.		4950	13824	30623	10602	8268	3859	4470	18062	7617	3256	5235	17964	8960	7159	3006	11680	4576	3622
Os05g0223000	AK071661	Calmodulin-related protein 2, touch-induced.		4581	21636	18857	10856	11106	5010	10695	14558	9975	10164	5129	19983	7589	7709	3762	11849	6758	7549
Os05g0228000	AK064229	Purine and other phosphorylases, family 1 protein.		293	396	4265	4242	2718	225	237	1802	1886	1268	444	6315	4856	2357	187	3178	1679	1095
Os05g0228000	AK101642	Purine and other phosphorylases, family 1 protein.		261	340	4002	3577	2457	202	211	1588	1644	1161	432	5963	4191	2252	174	2622	1449	1022
Os05g0231700	AK072531	Tonoplast membrane integral protein ZmTIP4-2.		6	6	37	11	12	8	8	14	30	12	6	53	13	16	5	43	11	8
Os05g0241100	AK120403	Leucyl-tRNA synthetase, cytoplasmic (EC 6.1.1.4) (Leucine--tRNA ligase) (LeuRS).		166	412	350	344	331	147	131	380	333	164	78	187	138	230	75	143	120	105
Os05g0247800	AK073843	Glycoside hydrolase, family 18 protein.		440	553	4176	4942	5908	391	581	1848	3901	3189	1098	7174	7116	5482	428	4179	4454	3658
Os05g0257100	AK067464	Leucine-rich repeat, plant specific containing protein.		4	121	43	10	4	4	19	13	37	2	8	148	7	30	9	75	16	9
Os05g0257100	AK101696	Leucine-rich repeat, plant specific containing protein.		260	289	1719	456	182	160	83	947	223	156	143	1524	549	170	100	990	383	141
Os05g0261700	AK106224	Leucine-rich repeat, plant specific containing protein.		154	265	1129	1486	915	181	137	664	784	417	440	2170	730	959	168	1102	749	465
Os05g0279900	Os05g0279900	Polygalacturonase A (Fragment).		30	33	61	48	38	20	27	24	23	20	19	48	86	22	20	36	20	22
Os05g0320700	AK100598	Trans-cinnamate 4-monooxygenase (EC 1.14.13.11) (Cinnamic acid 4- hydroxylase).		82	70	234	86	57	100	355	93	56	55	40	197	62	61	50	134	40	17
Os05g0320700	AK104994	Trans-cinnamate 4-monooxygenase (EC 1.14.13.11) (Cinnamic acid 4- hydroxylase).		256	245	786	304	212	340	1383	341	195	192	115	501	192	219	152	523	131	64
Os05g0321900	CI429638	(No Hit)		5	27	129	15	6	5	7	18	36	9	4	114	33	9	4	36	8	6
Os05g0322900	AK063697	WRKY transcription factor 45.	*OsWRKY45*	247	1019	601	812	395	126	497	282	454	582	319	439	864	292	132	285	264	331
Os05g0322900	AK066255	WRKY transcription factor 45.	*OsWRKY45*	1887	4093	4070	4949	3228	555	901	634	2194	2478	1194	1645	6353	2973	210	532	865	892
Os05g0322900	AK103959	WRKY transcription factor 45.	*OsWRKY45*	3552	7968	7268	8800	5849	1051	1740	1126	4300	4755	2516	3192	14048	6024	402	981	1719	1579
Os05g0322900	AK105939	WRKY transcription factor 45.	*OsWRKY45*	3193	7228	6917	7444	4915	1234	2127	1618	3946	4667	2463	3287	9347	4413	604	1449	1980	1834
Os05g0323800	AK101553	ABC-1 domain containing protein.		320	286	646	737	576	300	176	400	515	278	174	369	492	328	117	244	296	223
Os05g0343400	AK121190	WRKY transcription factor 53 (Transcription factor WRKY12).	*OsWRKY53*	14666	94899	79372	40983	27469	11263	21552	36989	31589	12362	7942	45718	28039	23429	6509	26988	16607	11974
Os05g0343400	AY676929	WRKY transcription factor 53 (Transcription factor WRKY12).		2482	11586	10920	5717	4203	1963	3779	6332	4559	2303	1370	5149	3151	2726	1133	3254	2136	1765
Os05g0368000	Os05g0368000	Conserved hypothetical protein.		658	1505	3805	2325	1064	213	532	1101	1490	1009	1006	3088	3321	1560	236	1106	690	409
Os05g0372900	AK072757	Conserved hypothetical protein.		5	70	56	17	17	11	35	77	26	29	4	149	28	6	4	51	11	4
Os05g0374200	CI138675	FAD linked oxidase, N-terminal domain containing protein.		459	387	432	964	688	166	335	364	399	454	180	110	448	296	134	116	233	162
Os05g0384300	AK107183	Peptidase aspartic family protein.		48	85	101	63	53	41	41	72	61	63	70	237	58	67	50	198	56	41
Os05g0389800	AK108808	DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 16.		39	85	129	37	26	31	22	36	23	17	5	27	13	9	6	10	6	6
Os05g0391600	AK110377	Protein of unknown function DUF563 family protein.		41	24	42	84	42	22	12	24	34	20	24	27	81	36	13	20	38	24
Os05g0392700	AK104407	Mitochondrial substrate carrier family protein.		265	859	3332	1620	916	262	394	2224	669	554	148	1457	557	266	140	1169	336	258
Os05g0399800	CI466826	(No Hit)		34	771	1428	539	119	21	213	408	168	68	48	1542	502	189	8	349	130	52
Os05g0399800	CI486497	(No Hit)		22	1465	841	239	75	13	106	95	94	52	23	587	181	101	6	167	51	22
Os05g0403000	CI389099	(No Hit)		13045	27466	83076	51760	27505	11448	11877	47553	44420	16579	13448	58440	35953	24694	8572	42827	24847	16610
Os05g0423500	AK066000	Protein kinase domain containing protein.		476	747	2568	1145	651	425	316	1563	1111	524	210	1519	698	476	184	786	552	431
Os05g0427200	AK106896	Glycosyl transferase, family 31 protein.		43	67	87	112	65	37	27	63	68	30	21	62	43	36	18	33	29	18
Os05g0427400	CI551987	Phenylalanine ammonia-lyase (EC 4.3.1.5).		1728	6833	49868	13555	3223	1749	2918	20470	6706	1302	559	34288	20843	2596	372	11251	3362	1008
Os05g0428600	AK106696	HSP70 precursor.		5	5	32	19	5	5	5	5	6	2	5	22	8	5	5	5	5	5
Os05g0429900	AK066834	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).		83	1009	138	44	43	61	627	66	29	26	55	173	24	16	83	103	35	16
Os05g0429900	AK104053	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).		88	1131	156	42	35	67	678	67	31	22	62	160	27	14	81	95	38	16
Os05g0429900	D88617	Y49 protein (Myb DNA-binding protein) (MYB transcription factor).		86	1115	133	48	34	70	617	60	36	27	59	194	22	14	79	89	32	21
Os05g0442400	AK107134	Transcription factor MYBS3.		7	14	53	7	7	7	7	9	4	4	7	42	9	7	5	30	5	2
Os05g0444200	AK102658	Zn-finger, C2H2 type domain containing protein.		7452	14384	14932	16549	16533	5798	8242	8636	9064	8257	5836	14832	12858	12029	3238	5136	5893	5518
Os05g0445100	AK105131	Cytochrome P450 family protein.		6	46	82	12	6	6	6	6	31	9	5	65	38	19	5	27	9	2
Os05g0451100	AK120548	General substrate transporter family protein.		1562	2618	5434	2303	1324	1556	1196	3511	1892	1068	727	2890	1797	1070	519	1503	1203	791
Os05g0453700	AB110169	Universal stress protein (Usp) family protein.		18248	31590	72393	30379	21949	18101	24248	36001	23112	23365	28452	82685	12901	11446	18811	62047	17708	13407
Os05g0453700	AK063881	Universal stress protein (Usp) family protein.		17610	30941	69318	29239	21252	17680	23301	34239	22844	22333	28461	83758	12954	11818	18809	61823	18120	13226
Os05g0457800	CI447081	Phospholipid/glycerol acyltransferase family protein.		2602	7869	4812	1884	1318	1229	1427	2083	1098	553	2006	4904	2495	1920	1461	1913	1205	881
Os05g0462400	AK099608	Lipin, N-terminal conserved region domain containing protein.		172	589	518	435	373	157	296	522	508	130	185	527	207	391	201	464	233	158
Os05g0469600	D10413	Pyruvate decarboxylase isozyme 1 (EC 4.1.1.1) (PDC).		81246	114034	205934	92354	70358	57232	30656	81045	59956	31801	75687	152097	135285	108235	38927	79207	45254	45938
Os05g0469600	U07339	Pyruvate decarboxylase isozyme 1 (EC 4.1.1.1) (PDC).		102946	140954	231983	126544	103377	61614	34441	98846	86189	32408	110732	243284	244796	225374	64252	188672	83826	68467
Os05g0473000	CI548947	Bet v I allergen family protein.		1956	2873	4652	2020	1742	1317	1518	2290	1563	1294	1676	3865	1778	1183	1213	2072	962	1022
Os05g0473500	AK059362	Exo70 exocyst complex subunit family protein.		5241	16727	15282	6945	5960	4067	6870	9637	5797	4393	3364	12266	6316	6188	2874	7781	4422	3658
Os05g0473500	AK101630	Exo70 exocyst complex subunit family protein.		5118	16545	15186	6548	5561	3901	6532	8765	5666	4293	3282	11471	6254	5997	2818	7524	4458	3619
Os05g0474800	AK119867	WRKY transcription factor 70.		16	1273	1350	430	200	19	311	508	156	33	35	1175	436	200	14	532	94	35
Os05g0476700	AK099529	U box domain containing protein.		695	6407	2505	1063	893	731	2390	1136	917	566	291	2983	1080	675	262	1163	497	359
Os05g0476700	AY224537	U box domain containing protein.		275	2449	1073	473	437	292	953	489	488	255	116	1234	419	328	126	534	237	172
Os05g0495300	AK120354	Hypothetical protein.		88	158	170	230	151	94	103	211	215	73	53	276	114	190	73	206	135	66
Os05g0501400	AK110116	Receptor-like protein kinase 5.		250	235	1095	916	241	206	138	639	418	180	172	2342	1443	465	94	818	442	132
Os05g0506000	AK062012	MS5-like protein (Fragment).		281	407	2095	1277	1046	284	515	1365	492	1016	216	1599	778	470	109	1359	635	478
Os05g0506000	AK098900	MS5-like protein (Fragment).		321	476	2528	1473	1192	348	634	1587	653	1311	266	1748	912	559	135	1615	850	636
Os05g0506000	AK122090	MS5-like protein (Fragment).		339	538	2604	1559	1234	354	652	1608	695	1265	272	1902	911	563	126	1357	705	521
Os05g0507300	AK060834	Calreticulin 3 precursor.		3981	3991	12326	30380	9736	4523	4936	7071	13720	7579	7021	14906	16581	5620	3353	8606	12060	5551
Os05g0519000	CI028715	VQ domain containing protein.		3843	5690	14360	9609	5762	3806	3219	6629	8309	2864	1391	5746	5112	2793	808	2667	2512	1545
Os05g0521600	AK063238	Pectinesterase family protein.		256	930	1518	223	126	259	444	1074	183	166	91	745	64	32	75	428	57	52
Os05g0522600	AK072881	Leucine-rich repeat, plant specific containing protein.		141	275	657	255	193	187	84	433	233	180	84	375	346	201	58	235	261	146
Os05g0522600	AK100082	Leucine-rich repeat, plant specific containing protein.		5863	22364	36269	24209	18756	7619	9140	26476	30068	10348	4312	24683	20964	19195	2861	15261	13866	10760
Os05g0526700	AK108457	Harpin-induced 1 domain containing protein.		4	4	14	155	199	4	4	4	124	160	3	24	142	134	3	9	124	87
Os05g0527000	CI004090	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		1097	1868	5485	6251	8824	1560	1569	4408	4281	3763	488	1788	1827	3410	315	1679	1786	2245
Os05g0531000	AK120442	Conserved hypothetical protein.		28	148	63	47	42	42	68	35	30	43	53	134	68	51	30	50	27	37
Os05g0537100	CI430861	WRKY transcription factor 10.		1147	7456	14341	5189	2733	1093	3314	11898	6137	2260	1121	7605	2874	1324	666	6914	3058	1563
Os05g0542800	AK071271	Glycoside hydrolase, family 28 protein.		1106	1514	12541	10777	6571	1385	1301	7584	9108	3197	1400	14776	6260	6062	801	7440	4827	2954
Os05g0542800	AK105858	Glycoside hydrolase, family 28 protein.		1100	1602	12442	10663	6550	1335	1249	7654	8484	3123	1336	13494	5950	5644	776	7525	4585	2781
Os05g0542800	AK106049	Glycoside hydrolase, family 28 protein.		1118	1592	12606	10908	6913	1362	1269	7661	8786	3026	1424	14741	6256	6167	821	7735	4535	2989
Os05g0545300	AK109702	Protein kinase domain containing protein.		10	329	320	66	74	11	23	34	47	55	10	305	141	69	3	81	19	3
Os05g0545400	AK105946	Protein kinase domain containing protein.		66	310	181	118	135	55	122	68	86	65	41	148	94	76	26	38	43	32
Os05g0546300	AK108536	Conserved hypothetical protein.		8	25	164	32	16	7	13	81	26	16	5	31	25	12	4	25	11	12
Os05g0549300	AK064256	Conserved hypothetical protein.		46	118	303	142	90	50	60	77	109	68	73	843	285	176	38	235	177	107
Os05g0550800	CI446054	Protein kinase domain containing protein.		758	1266	3975	3668	2968	759	685	2183	3231	1296	303	2649	2759	2393	214	1446	1342	1007
Os05g0552700	AK108674	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		92	58	250	511	116	25	11	26	33	10	50	593	425	130	38	371	449	104
Os05g0552800	CI544010	Conserved hypothetical protein.		31	965	1355	281	121	29	553	632	95	88	93	2952	361	148	52	1647	210	137
Os05g0560900	AK063973	Gibberellin 2-beta-dioxygenase (EC 1.14.11.13) (Gibberellin 2-beta- hydroxylase) (Gibberellin 2-oxidase).		428	414	1980	553	188	200	253	732	436	261	103	1562	268	117	77	659	128	82
Os05g0569300	AK065440	G-box binding factor 1.		191	258	523	521	361	191	168	287	279	161	278	1046	452	266	110	446	214	128
Os05g0583000	AK109568	WRKY transcription factor 34.		13	33	82	88	77	8	8	14	29	61	4	36	47	48	4	21	26	15
Os05g0584400	AK106631	Conserved hypothetical protein.		1712	1787	3562	3008	2627	846	828	2138	1711	1194	576	1757	1426	1349	390	656	803	786
Os05g0584600	AK072537	AAA ATPase, central region domain containing protein.		221	287	478	278	309	153	50	203	206	98	159	606	398	212	39	123	75	51
Os05g0584900	AK105309	Conserved hypothetical protein.		92	732	448	256	270	119	325	277	299	200	55	387	352	222	14	31	94	55
Os05g0586200	AK071721	GH3 auxin-responsive promoter family protein.		240	291	1910	788	748	254	174	765	485	336	58	1204	711	539	69	847	343	225
Os06g0130900	AF093633	Histone H3.3.		61345	76328	155434	115384	110905	48969	58701	92658	56423	62645	87605	201387	109787	107294	48106	107342	59938	62542
Os06g0137700	AK073547	GDP-mannose 4,6 dehydratase 1 (EC 4.2.1.47) (GDP-D-mannose dehydratase 1) (GMD 1).		11275	13197	27677	39832	24557	16899	9743	14936	30861	11928	5270	19213	32724	17712	3850	9085	16302	9251
Os06g0145600	AK106249	Transferase family protein.		196	189	539	577	402	107	90	162	149	118	203	551	236	250	143	257	155	139
Os06g0157000	AK066113	Lipolytic enzyme, G-D-S-L family protein.		304	415	1252	410	292	121	76	310	192	135	135	1067	405	143	86	324	139	70
Os06g0158100	AY676932	WRKY transcription factor 63.		41	215	344	91	59	43	62	152	70	50	48	264	126	68	25	112	98	54
Os06g0164400	CI556798	Basic helix-loop-helix dimerisation region bHLH domain containing protein.		180	311	365	108	113	69	89	103	60	57	83	202	59	29	48	78	41	39
Os06g0165800	AK065744	Caffeoyl-CoA O-methyltransferase 5 (EC 2.1.1.104) (Trans-caffeoyl-CoA 3-O-methyltransferase 5).		157	112	724	503	222	167	173	355	299	239	176	847	495	167	104	434	211	129
Os06g0172800	CI545234	Seed imbibition protein (Fragment).		592	581	2634	4060	2714	681	424	1065	3020	1400	1261	9752	5542	4078	755	5447	2780	1154
Os06g0185300	Os06g0185300	Transferase family protein.		120	149	807	595	373	130	132	324	406	281	46	479	345	153	36	209	267	156
Os06g0185500	C97337	Transferase family protein.		401	410	1440	719	608	382	396	666	449	158	36	1914	379	120	44	466	445	176
Os06g0194900	AK072074	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		13182	11655	29896	59679	36552	17258	7954	17092	43986	14250	7878	20524	29915	18757	6233	17594	18718	11003
Os06g0194900	AK098923	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		51749	47958	136017	306975	165429	72962	29410	65985	234308	55651	40147	129907	258916	146759	27135	79990	123012	60641
Os06g0194900	AK100546	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		51816	46164	118433	291382	155557	71259	29692	62263	220907	55975	38775	121462	247769	142943	25566	74002	112539	54951
Os06g0194900	AK119193	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		50907	44756	117561	289063	150159	73558	28595	60457	224783	51753	39689	129311	257000	141878	26328	80287	118757	58207
Os06g0194900	D29732	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		62259	59821	166729	405770	208793	91867	36599	83471	314137	67979	51819	191626	396688	220481	35100	104166	176507	86272
Os06g0194900	Z15028	Sucrose synthase 1 (EC 2.4.1.13) (Sucrose-UDP glucosyltransferase 1).		59857	53985	153539	348173	185691	85876	34431	78297	289206	61343	49122	167935	350906	189887	32814	95791	166830	74004
Os06g0195800	AK111076	Conserved hypothetical protein.		11	20	21	38	55	7	14	14	21	23	4	27	14	9	5	15	5	5
Os06g0200700	AK106950	Conserved hypothetical protein.		197	1063	560	454	469	185	405	574	558	288	261	652	270	587	117	225	157	163
Os06g0202900	AK109607	Avr9/Cf-9 rapidly elicited protein 264.		57	1629	2008	582	220	63	488	1197	409	127	33	1405	326	140	24	1221	169	80
Os06g0203200	AK106056	Flavin-containing monooxygenase FMO family protein.		14	40	118	151	52	22	18	148	145	50	17	129	85	75	12	34	38	21
Os06g0211700	CI369772	Xyloglucan fucosyltransferase family protein.		57	49	75	85	115	38	20	25	59	66	9	12	61	50	21	8	30	45
Os06g0225300	AK100258	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor (EC 2.7.1.37) .		114	281	383	245	187	100	139	303	213	153	106	624	255	179	55	262	142	113
Os06g0225800	AK109730	Shikimate kinase domain containing protein.		1391	9716	12754	6562	3831	1687	4847	10299	4178	2721	1055	13791	5003	2876	771	6506	3269	1906
Os06g0238000	CI367353	U box domain containing protein.		117	282	320	273	241	88	120	143	192	94	52	275	248	239	39	79	113	85
Os06g0239200	CI242777	Conserved hypothetical protein.		1714	10767	6742	8084	13874	1909	4157	5608	6107	5917	1928	6453	4636	7996	1202	2165	2995	4737
Os06g0247900	AK065325	Endo-beta-1,4-glucanase precursor (EC 3.2.1.4).		468	1399	806	464	268	434	646	540	463	268	139	646	322	172	207	390	206	131
Os06g0248500	Os06g0248500	U box domain containing protein.		831	13820	9372	5005	2923	844	6875	6226	4456	2075	746	8999	2832	1575	601	4712	2269	1339
Os06g0251100	CI249573	Membrane attack complex component/perforin/complement C9 family protein.		53	320	1015	809	406	73	99	467	313	142	31	759	794	231	25	281	218	69
Os06g0255900	AK073580	Exo70 exocyst complex subunit family protein.		331	1893	602	604	508	372	920	619	630	404	227	503	323	396	205	289	356	302
Os06g0258000	AK107483	Typical P-type R2R3 Myb protein (Fragment).		99	320	512	284	226	141	208	236	154	116	71	257	140	111	67	139	72	60
Os06g0260000	CI555238	Conserved hypothetical protein.		1458	2911	9218	7162	4207	1205	1426	3783	3842	2118	480	5158	3601	1352	421	2902	1643	986
Os06g0272700	CI136777	(No Hit)		51	67	465	276	214	50	56	161	199	150	149	673	248	243	80	246	260	145
Os06g0272800	CI139544	Protein of unknown function DUF231 domain containing protein.		35	66	529	371	196	27	31	171	164	142	88	728	314	184	42	348	288	114
Os06g0282000	CI544971	(No Hit)		95	114	1012	494	261	63	32	290	140	89	58	480	188	150	34	297	191	97
Os06g0282000	CI563293	(No Hit)		87	117	915	412	210	72	38	278	162	90	54	560	156	143	32	290	110	75
Os06g0284500	CI138873	Zn-finger, Dof type domain containing protein.		9	17	51	67	32	5	5	7	14	7	12	99	73	20	8	21	45	14
Os06g0288100	AK068504	Receptor-like protein kinase.		928	4822	4268	2659	1502	637	1794	1606	1628	900	831	4188	3194	2102	339	1358	1236	899
Os06g0313200	CB669700	SAM dependent carboxyl methyltransferase family protein.		96	99	676	1721	1634	69	79	493	684	1118	31	378	1138	497	11	119	586	829
Os06g0314600	AK067321	Floral nectary-specific protein.		85	41	110	367	423	16	17	26	27	36	27	76	101	256	27	39	57	150
Os06g0484400	AK106712	Hypothetical protein.		71	124	241	255	106	43	46	86	140	45	113	257	164	169	81	166	129	69
Os06g0486300	Os06g0486300	Mlo.		83	129	298	613	492	83	103	201	223	213	66	187	168	207	41	116	247	107
Os06g0521500	AK061144	Haem peroxidase, plant/fungal/bacterial family protein.		6	67	506	29	11	7	10	91	50	7	5	448	137	20	5	284	14	5
Os06g0521500	AK072761	Haem peroxidase, plant/fungal/bacterial family protein.		5	11	119	7	5	5	5	14	6	5	5	109	38	5	5	97	5	5
Os06g0521900	C20494	Haem peroxidase, plant/fungal/bacterial family protein.		47	82	173	41	28	38	51	81	26	26	36	144	64	30	45	135	38	35
Os06g0522300	AK066954	Haem peroxidase, plant/fungal/bacterial family protein.		4	6	33	4	4	5	5	5	5	5	4	29	7	4	4	33	4	4
Os06g0549900	AK109673	FAD linked oxidase, N-terminal domain containing protein.		12	9	148	336	424	11	15	55	250	242	14	111	416	600	9	77	124	129
Os06g0550800	CI413897	Conserved hypothetical protein.		41	305	189	58	67	34	150	132	62	51	67	343	142	112	41	213	56	47
Os06g0579200	CI142216	(No Hit)		11	26	75	13	10	7	7	15	10	6	8	125	8	16	7	21	6	7
Os06g0579800	CI535167	(No Hit)		13	34	111	22	13	12	21	47	19	12	19	77	38	25	15	39	22	13
Os06g0590700	CI396619	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		78	145	1117	524	270	127	114	484	494	257	173	1723	531	311	65	513	356	230
Os06g0593100	AK060274	UDP-galactose/UDP-glucose transporter.		1446	1206	6609	3267	1106	1551	1382	3253	3125	1749	1954	5553	2163	628	1128	4123	1820	989
Os06g0593100	AK071175	UDP-galactose/UDP-glucose transporter.		2138	1782	10047	4900	1600	2328	2141	4778	4728	2607	3061	9345	3647	1042	1719	6615	2841	1386
Os06g0604200	AK100278	Phospholipase D.		7	39	353	16	7	6	6	33	28	4	4	76	66	6	5	89	9	7
Os06g0604200	AK121264	Phospholipase D.		12	121	1125	78	12	9	48	552	142	33	4	339	140	6	4	314	20	4
Os06g0649000	AK106282	WRKY transcription factor 28.		349	18322	9524	3225	2309	282	6022	7646	3309	1575	960	10461	2526	2415	527	5472	1725	1325
Os06g0649000	AK119644	WRKY transcription factor 28.		382	19139	11055	3479	2484	312	6291	9100	3457	1715	1035	11065	2722	2595	587	5933	1880	1440
Os06g0671600	AK111011	Non-protein coding transcript, putative npRNA.		4	4	53	31	9	5	5	10	21	15	4	121	204	46	4	11	5	4
Os06g0688700	CI149610	(No Hit)		544	1160	2570	1841	1229	470	221	1341	1884	1088	581	2933	1954	1171	271	985	948	716
Os06g0688800	CI431610	(No Hit)		963	1980	4140	3293	2173	820	396	2349	3389	1872	982	4813	3206	1970	491	1765	1713	1323

Os06g0691400	AK107208	IAA-amino acid conjugate hydrolase-like protein (Fragment).		98	81	561	196	45	52	61	100	69	54	74	633	423	65	61	226	109	30
Os06g0710700	Os06g0710700	Benzoyl coenzyme A: benzyl alcohol benzoyl transferase.		223	202	3484	768	526	249	286	1358	754	356	126	1364	458	250	89	978	250	192
Os06g0725100	AK110292	Lipolytic enzyme, G-D-S-L family protein.		146	345	977	399	319	184	321	435	385	179	66	495	415	224	58	584	273	155
Os06g0727400	AK069558	Probable serine/threonine-protein kinase NAK (EC 2.7.1.37).		118	117	435	236	198	145	129	186	199	165	209	857	307	363	69	174	167	147
Os06g0727900	Os06g0727900	Conserved hypothetical protein.		6	6	59	11	6	5	5	20	29	27	7	115	34	26	5	31	19	14
Os07g0103000	AK063123	Hypothetical protein.		724	642	1872	2715	1360	539	735	1502	1176	801	1111	2999	2020	1026	642	2327	1566	857
Os07g0114000	AK102668	Protein phosphatase 2C-like.		81	1307	555	152	81	79	600	232	102	34	90	865	99	91	58	253	67	41
Os07g0121800	AK064136	Conserved hypothetical protein.		127	228	351	364	233	123	96	212	288	126	90	373	262	191	63	150	127	104
Os07g0122100	AK072846	Conserved hypothetical protein.		19	41	229	281	228	14	17	88	103	112	12	113	66	198	12	143	109	63
Os07g0125000	AK104140	Pathogenesis-related protein PR-1 precursor.		4	4	67	43	32	5	5	10	15	43	10	284	1384	539	8	202	279	149
Os07g0125300	CI544959	(No Hit)		5	5	44	25	42	5	5	5	43	58	4	31	78	78	5	95	42	69
Os07g0125300	CI544959	(No Hit)		5	5	33	22	50	6	6	6	44	46	5	42	101	94	7	71	30	109
Os07g0125900	CI544959	(No Hit)		5	5	42	34	46	5	5	5	59	57	4	31	86	89	6	120	52	113
Os07g0126800	CI015452	(No Hit)		44	44	414	241	185	44	74	193	142	108	83	381	468	367	119	654	402	232
Os07g0127500	AK062949	PR-1a pathogenesis related protein (Hv-1a) precursor.	*OsPR1*	6	6	281	227	111	6	6	60	284	71	5	401	198	373	11	334	267	220
Os07g0127600	AK063248	Allergen V5/Tpx-1 related family protein.	*OsPR1*	13	41	963	469	339	13	42	236	186	77	25	469	1197	696	72	1397	946	387
Os07g0129800	Os07g0129800	Protein kinase family protein.		31	75	118	70	71	27	34	58	74	57	20	96	77	37	15	56	28	35
Os07g0132500	AK060877	Lectin-like receptor kinase 7;2.		13	29	44	29	24	6	6	6	8	5	8	69	54	23	7	14	9	7
Os07g0148400	AK103816	Conserved hypothetical protein.		236	200	109	449	512	252	207	160	456	233	220	143	284	518	196	89	230	195
Os07g0154100	AK119780	Viviparous-14.	*OsNCED3*	4	10	48	4	4	5	5	8	6	5	4	73	4	4	4	23	4	4
Os07g0162400	AK060082	Esterase/lipase/thioesterase domain containing protein.		76	98	748	1898	4006	30	37	164	443	1341	38	428	428	1677	4	67	211	294
Os07g0170200	CI411149	HNH endonuclease domain containing protein.		33	23	38	120	45	11	14	11	22	21	6	8	31	14	5	14	20	6
Os07g0185900	AK070315	Conserved hypothetical protein.		5627	8471	15967	8449	3936	3545	5120	7227	3750	2153	5305	24274	8898	4424	2146	10586	3113	1279
Os07g0190000	AK100909	1-deoxy-D-xylulose 5-phosphate synthase 2 precursor.	*OsDXS3*	1652	1846	3317	48077	55968	2325	1534	3338	26651	19240	429	1005	23000	23791	351	1258	14643	13708
Os07g0192700	AK109791	AAA ATPase, central region domain containing protein.		18	45	163	97	82	17	23	41	39	40	17	49	46	26	15	16	19	18
Os07g0194800	AK064329	Conserved hypothetical protein.		740	2522	2645	1671	1479	665	910	1794	1313	945	272	1806	852	731	223	970	627	578
Os07g0194800	AK100100	Conserved hypothetical protein.		226	709	768	481	422	207	263	583	361	273	126	850	335	305	101	348	275	216
Os07g0194800	AK101244	Conserved hypothetical protein.		215	722	716	506	386	214	241	639	380	270	121	803	327	312	96	391	266	214
Os07g0225300	AB028182	OsNAC3 protein.		55276	132266	127026	98315	78524	43164	40676	64985	65345	36258	49993	102403	88766	93677	31456	54700	52510	46744
Os07g0271500	AK109558	Chalcone synthase.		57	48	33	70	185	23	18	16	20	46	6	6	50	53	5	5	12	15
Os07g0273500	AK063067	Hypothetical protein.		42	541	454	232	119	30	181	145	92	56	43	434	164	94	76	197	57	46
Os07g0418500	AK072220	Cytochrome P450.	*P450*	159	325	349	575	1924	182	222	266	402	693	103	181	126	1233	84	194	266	554
Os07g0418500	AK119557	Cytochrome P450.	*P450*	174	335	358	619	1831	192	224	244	395	712	96	169	95	1040	78	159	242	455
Os07g0421300	AK121014	Glycoside hydrolase, family 31 protein.		348	366	341	719	619	203	140	174	504	381	137	202	615	543	26	38	101	61
Os07g0457800	AK102686	Conserved hypothetical protein.		58	88	115	51	92	44	45	64	68	42	52	111	45	82	45	106	40	44
Os07g0483500	AK064915	Phosphoribosylanthranilate transferase-like protein.		193	149	423	176	143	189	95	158	169	104	63	257	232	141	85	233	111	105
Os07g0483500	AK067097	Phosphoribosylanthranilate transferase-like protein.		44	34	89	40	34	43	19	22	45	17	9	40	36	14	14	28	19	12
Os07g0497500	Os07g0497500	MYB transcription factor.		45	45	67	88	93	47	56	54	43	51	50	100	87	169	42	44	38	37
Os07g0501100	AK110924	Chalcone synthase (EC 2.3.1.74) (Naregenin-chalcone synthase).		276	90	326	1690	4681	119	252	348	1170	997	265	573	1376	3016	174	98	669	890
Os07g0509800	AU100738	PAPS-reductase-like protein precursor.		6808	7249	58607	46926	47520	8981	5180	23995	23108	19783	3112	23011	29844	27318	1881	11524	15704	9951
Os07g0516300	AK102726	Protein of unknown function DUF584 family protein.		1545	12471	28633	10576	6607	1087	5960	16424	6353	4613	3184	17785	8756	3823	1270	17527	5499	3541
Os07g0522500	AK105311	PDR6 ABC transporter.		1564	1496	4111	8397	8107	2171	1046	2990	8334	3696	590	3586	5796	5272	417	2045	4407	3114
Os07g0525900	Os07g0525900	Chalcone synthase.		9	12	55	11	11	7	7	7	14	10	5	23	7	4	5	9	7	4
Os07g0526400	CI426731	Chalcone synthase (EC 2.3.1.74) (Naringenin-chalcone synthase).		108	329	2657	539	186	12	23	123	102	29	25	659	443	123	4	50	22	10
Os07g0530600	AK120747	Protein of unknown function DUF299 family protein.		4109	11266	20879	6082	4079	2799	3653	12481	4449	2684	2937	13599	4323	3504	2232	10461	3057	2192
Os07g0534700	AK060565	Protein kinase family protein.		150	138	1256	777	503	162	164	570	667	390	194	897	393	319	181	522	368	245
Os07g0538300	CI427025	Serine/threonine kinase receptor-like protein.		225	387	804	897	688	152	189	411	551	347	222	842	888	761	184	580	700	446
Os07g0540800	Os07g0540800	Serine/threonine protein kinase family protein.		110	139	493	344	248	30	24	75	66	19	34	74	59	79	14	29	44	13
Os07g0541400	AK111650	Receptor protein kinase.		962	1272	4392	2821	2203	209	169	600	495	168	244	769	409	600	154	368	248	162
Os07g0541800	AK102941	KI domain interacting kinase 1.		21	21	143	55	27	14	11	35	42	22	34	103	76	21	29	101	44	29
Os07g0545800	AY062209	Chitin-inducible gibberellin-responsive protein.		1299	7434	7698	3198	3230	1421	3553	5521	2518	2595	1448	13752	2741	2721	859	6207	2109	1860
Os07g0550500	Os07g0550500	S-locus glycoprotein family protein.		138	120	596	308	157	158	55	344	207	149	132	522	234	152	88	259	171	115
Os07g0550600	AK109553	Transferase family protein.		14	82	1400	510	849	22	34	500	359	118	9	2431	615	219	9	956	165	83
Os07g0550900	AK101616	Receptor-like protein kinase 6.		4	11	124	16	8	5	5	25	47	7	4	168	30	22	4	46	18	4
Os07g0558100	Y11415	Myb protein.		88	359	367	112	99	77	128	181	125	80	44	144	64	66	37	154	50	41
Os07g0564500	AK121213	FAD-dependent pyridine nucleotide-disulphide oxidoreductase domain containing protein.		63	109	138	95	138	43	30	77	66	46	20	144	46	74	11	24	24	41
Os07g0566800	AK108970	TIR domain containing protein.		17	41	362	44	47	14	15	211	49	29	8	47	35	11	6	71	19	9
Os07g0568300	AJ575241	ZF protein (Fragment).		1547	2010	3464	1753	1461	1257	737	2118	1466	957	794	1873	1272	1133	650	1333	870	754
Os07g0568300	AK067784	ZF protein (Fragment).		5446	6503	11571	5571	4888	4108	2474	6204	4491	2711	2562	5701	4293	4010	2186	3871	2525	2209
Os07g0568300	AK067895	ZF protein (Fragment).		5744	7001	12076	5805	5081	4286	2468	6481	4755	2832	2585	5598	4196	4088	2156	3792	2445	2134
Os07g0573000	AK120026	Conserved hypothetical protein.		46	82	146	213	116	43	54	71	113	61	45	130	67	59	41	83	117	43
Os07g0573800	AK107962	Pyridoxamine 5'-phosphate oxidase-related domain containing protein.		32	105	86	33	48	35	37	59	56	26	24	48	23	38	25	30	18	24
Os07g0580900	AK120768	GGDP synthase.		4166	3301	19638	62003	46431	5745	3870	13983	33773	19470	2315	14749	62495	37377	1420	11674	29282	20919
Os07g0583600	AK061928	Chitin-inducible gibberellin-responsive protein.		853	2386	2941	1620	1340	1007	841	1431	1522	886	517	1896	1070	876	402	1099	853	665
Os07g0583600	AK073470	Chitin-inducible gibberellin-responsive protein.		3912	12212	12060	7005	6121	4935	4428	6571	7372	3693	2406	8083	4654	4575	2035	4964	3841	3130
Os07g0583600	AK098890	Chitin-inducible gibberellin-responsive protein.		2843	8958	8888	5170	4456	3634	3434	4940	5643	2795	1718	5810	3511	3327	1397	3599	2800	2248
Os07g0583600	AK122131	Chitin-inducible gibberellin-responsive protein.		2734	8793	8635	5190	4300	3449	3219	4744	5125	2669	1809	6259	3629	3539	1537	3922	3161	2506
Os07g0583600	AY062210	Chitin-inducible gibberellin-responsive protein.		10551	40743	29975	17943	15697	13821	12220	17215	20073	8898	7301	24064	14476	15661	5844	12833	11930	8837
Os07g0587500	CI481622	Arm repeat-containing protein.		113	939	832	379	185	114	426	506	346	163	116	888	337	189	97	571	252	146
Os07g0597200	AK119897	Protein kinase domain containing protein.		1157	5933	8702	5213	3741	1147	1995	4329	4601	1728	627	6543	4372	3872	380	2437	2385	1734
Os07g0598000	AK070781	NADPH HC toxin reductase (Fragment).		97	143	109	73	468	42	38	45	49	143	118	47	68	248	10	19	58	109
Os07g0615200	AK065604	ZIM domain containing protein.		46380	47711	142365	84924	52627	27569	27219	70996	48371	43000	34888	72810	68669	42625	23541	67254	40427	31600
Os07g0615200	AK068566	ZIM domain containing protein.		47877	51081	155236	88318	53093	27588	27312	70960	53601	43804	33913	75214	69284	41494	22457	66141	40455	28893
Os07g0617000	AK109360	Ethylene responsive element binding factor 5 (AtERF5).		31	106	332	222	87	30	44	183	112	70	16	200	101	75	16	98	40	63
Os07g0617700	CI137713	Viral coat and capsid protein family protein.		2877	6033	4420	3103	2461	2178	2975	2762	2619	1903	559	2022	1702	1064	651	995	1090	956
Os07g0619500	AK072031	Conserved hypothetical protein.		521	1202	4682	3725	3064	491	575	2077	1705	1423	264	3461	2027	1458	162	1553	1100	962
Os07g0619500	AK107576	Conserved hypothetical protein.		712	1577	5979	4697	4091	678	759	2558	2388	1933	341	4045	2305	1792	193	1532	1200	1033
Os07g0631200	AK120260	Zn-finger, RING domain containing protein.		39	15	80	45	61	18	14	19	17	15	46	148	45	26	14	49	31	12
Os07g0646800	AK071716	Avr9/Cf-9 rapidly elicited protein 231.		5	9	69	5	6	6	6	13	8	7	5	50	13	6	5	22	6	4
Os07g0650600	AK062101	BLE2 protein.		38	53	91	36	38	16	17	32	50	15	40	82	57	67	17	45	32	32
Os07g0650600	AK067278	BLE2 protein.		36	44	73	50	36	15	15	24	42	19	37	87	64	66	15	21	11	13
Os07g0656100	CI158665	Protein of unknown function DUF580 family protein.		210	347	1662	1127	625	181	164	1089	695	321	118	2129	1012	534	98	1045	447	323
Os07g0656900	AY224473	Serine carboxypeptidase II chains A and B (EC 3.4.16.6) (Carboxypeptidase D) (CPDW-II) (CP-WII).		152	154	308	168	176	91	90	105	87	106	26	86	73	32	26	41	38	29
Os07g0678300	AK111746	OsPK4.	*OsCIPK29*	789	3092	6578	1368	803	530	1250	3141	1435	949	444	2809	1142	502	287	1998	496	423
Os07g0684800	AK073876	GRAB2 protein.		911	1662	4301	1626	1389	612	1054	1534	1128	894	470	2227	932	688	358	1202	552	454
Os07g0684800	AK105645	GRAB2 protein.		781	1369	3758	1471	1205	530	950	1439	1092	784	427	2008	798	620	312	1097	450	399
Os07g0685700	AB074972	Ethylene insensitive 3 family protein.		999	3485	6234	2835	919	580	708	2990	1610	497	546	3759	2803	864	334	1819	1264	535
Os07g0685700	AK060806	Ethylene insensitive 3 family protein.		714	2812	5392	2308	740	398	492	2156	1235	379	407	3100	2439	770	243	1468	1143	493
Os07g0686600	AK108527	VQ domain containing protein.		203	687	707	106	43	144	194	271	95	50	61	331	94	23	49	228	54	26
Os07g0691200	AK072158	D-alanine-D-alanine ligase B (Fragment).		7	7	34	10	8	8	7	17	17	5	13	31	30	9	12	58	8	11
Os08g0120600	AK069887	Aldolase C-1.		9873	7949	29209	21135	12256	10602	5395	18022	12817	4957	12195	32291	14118	12058	7858	12719	8597	5786
Os08g0120600	AK104952	Aldolase C-1.		2222	1866	6706	4885	2715	2235	1253	4666	2795	1264	3042	6610	3388	2977	2068	3197	2375	1567
Os08g0124000	AK063293	Resistance protein candidate (Fragment).		78	102	395	288	117	49	37	184	212	93	31	111	244	92	22	115	114	53
Os08g0124000	AK067378	Resistance protein candidate (Fragment).		256	310	1050	691	323	186	147	524	630	302	104	339	542	214	73	285	325	164
Os08g0137900	CI437057	(No Hit)		37	1532	3248	519	319	33	802	1652	172	117	37	3676	254	67	24	2167	252	88
Os08g0138200	Os08g0138200	Plastocyanin-like domain containing protein.		16	433	562	66	40	15	187	163	35	30	24	481	50	28	22	231	39	30
Os08g0140500	CI191108	Tryptophan decarboxylase (EC 4.1.1.28).		39	47	752	4478	2669	35	41	343	1128	612	26	1072	6541	2313	20	963	2059	598
Os08g0143600	AU173072	Lipase, class 3 family protein.		8	435	513	76	31	10	125	114	33	22	5	179	68	18	5	32	5	9
Os08g0169100	AU174459	Hypothetical protein.		98	109	271	269	176	52	48	120	129	140	215	251	444	255	56	109	110	74
Os08g0256000	AK105511	Conserved hypothetical protein.		756	1958	4499	2600	1287	549	743	2657	1888	836	361	3007	1870	982	277	1698	1214	737
Os08g0260600	AK108529	Senescence-associated protein 5.		104	51	292	37	11	91	48	125	30	15	83	224	93	16	128	308	55	22
Os08g0277200	AK106439	Cinnamoyl-CoA reductase (EC 1.2.1.44).	*OsCCR18*	503	1866	1601	219	234	68	249	219	43	51	150	1826	131	73	64	82	8	8
Os08g0286500	AK106562	Non-protein coding transcript, uncharacterized transcript.		29	35	55	127	73	16	32	28	23	25	14	43	32	52	24	35	44	29
Os08g0331900	AK102219	Protein kinase domain containing protein.		20	31	69	29	16	9	9	30	13	7	10	64	9	13	8	25	3	8
Os08g0332100	AK067415	Hypothetical protein.		88	57	227	453	241	63	63	170	162	96	150	421	730	314	74	176	218	105
Os08g0374600	AK072505	Receptor kinase-like protein.		7	99	53	18	10	6	13	12	7	9	7	41	11	11	8	25	10	5
Os08g0374600	AY224427	Receptor kinase-like protein.		149	2785	6258	1189	688	122	768	2843	486	403	214	3037	1009	588	120	1720	520	248
Os08g0375700	AY600992	SKP1 component family protein.		5	5	37	12	11	6	6	10	15	28	6	61	11	10	5	14	5	5
Os08g0378000	AK067174	Conserved hypothetical protein.		37	138	177	97	45	39	61	93	125	60	46	174	141	129	34	92	62	52
Os08g0384500	AK100858	PDR-like ABC transporter (PDR3 ABC transporter).		74	648	1701	442	164	75	186	908	363	84	47	1200	517	163	21	824	250	72
Os08g0408200	AK111715	GAMYB-binding protein (Fragment).		39	51	117	75	60	35	28	55	59	53	19	56	35	25	10	22	17	14
Os08g0409900	CI403847	Major facilitator superfamily protein.		15	12	23	81	52	17	12	42	53	21	9	45	65	47	5	15	27	14
Os08g0425700	AK104119	Annexin-like protein.		157	211	420	335	205	121	151	122	62	58	24	264	55	40	35	87	68	62
Os08g0428400	AK060047	ZIM domain containing protein.		27	38	89	55	38	15	16	56	28	15	5	17	15	9	6	13	7	11
Os08g0434700	AK070338	Myb, DNA-binding domain containing protein.		344	316	711	820	703	131	92	370	235	167	119	336	240	223	54	124	144	139
Os08g0441500	AK072872	Cinnamoyl-CoA reductase.	*OsCCR20*	7791	10601	47625	68682	46861	11935	10916	33989	51459	21043	1390	18369	35634	22063	942	13617	18342	11764
Os08g0441500	AK102061	Cinnamoyl-CoA reductase.	*OsCCR20*	100	471	603	687	547	108	231	773	863	207	38	360	321	384	24	184	209	116
Os08g0441500	AK105802	Cinnamoyl-CoA reductase.	*OsCCR20*	11119	15681	72539	113403	71520	17248	15587	48212	83774	29372	2076	30660	69056	37051	1449	23530	32544	19401
Os08g0441500	AK105870	Cinnamoyl-CoA reductase.	*OsCCR20*	7335	9873	43605	65023	43521	11303	10674	31459	46998	19309	1352	17554	35074	20517	932	13688	17767	10978
Os08g0445700	AK072132	Glycosyl transferase, family 20 domain containing protein.		4862	10198	6286	8556	8053	5171	3264	4138	10216	3649	2046	4191	5633	5928	1718	2669	4039	3256
Os08g0448000	AK120964	4-coumarate--CoA ligase 1 (EC 6.2.1.12) (4CL 1) (4-coumaroyl-CoA synthase 1) (Clone 4CL14) (Fragment).		255	1536	5995	1376	822	215	565	2815	782	352	86	3018	923	345	58	1236	382	209
Os08g0450200	AK072779	Pectinmethylesterase precursor (EC 3.1.1.11) (Fragment).		25	46	61	23	13	27	20	26	15	18	46	110	46	18	22	61	21	21
Os08g0457400	AK106955	Protein kinase APK1B (EC 2.7.1.-).		318	1577	1846	809	764	241	495	1085	498	359	151	893	284	318	93	642	228	208
Os08g0474000	AK062882	AP2 domain containing protein RAP2.6 (Fragment).		4	98	23	4	5	5	27	5	7	9	7	40	9	6	4	9	4	2
Os08g0475400	AK060706	Esterase/lipase/thioesterase domain containing protein.		591	708	1293	1142	837	522	260	686	725	473	141	519	600	372	151	294	290	257
Os08g0492100	AK100101	Paraneoplastic encephalomyelitis antigen family protein.		94	148	230	199	97	79	51	103	100	59	37	113	68	56	24	47	56	40
Os08g0498100	AK071482	Caffeoyl-CoA O-methyltransferase 2 (EC 2.1.1.104) (Trans-caffeoyl-CoA 3-O-methyltransferase 2).		7695	7192	30325	11416	7928	5758	5154	14841	8159	4709	1389	9036	5898	1868	1922	8665	3780	2442
Os08g0508800	AF095895	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).	*LOX*	4	4	25	6	4	5	5	10	22	5	4	33	18	5	4	14	4	4
Os08g0508800	D14000	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).	*LOX*	4	11	86	31	21	6	6	36	28	7	3	105	53	27	3	44	14	3
Os08g0509100	AF095896	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).	*LOX*	62	251	1477	593	511	77	161	756	457	236	35	1709	1021	743	15	137	473	371
Os08g0509100	AK066825	Lipoxygenase, chloroplast precursor (EC 1.13.11.12).	*LOX*	4	11	91	22	10	4	6	25	18	18	4	160	23	64	4	30	19	9
Os08g0517200	AK107078	Potential calcium-transporting ATPase 9, plasma membrane-type (EC 3.6.3.8) (Ca(2+)-ATPase isoform 9).		16	30	51	49	26	18	30	44	81	12	20	45	35	35	14	43	46	13
Os08g0521000	AK108985	Protein of unknown function DUF599 family protein.		23	31	437	124	45	28	32	160	75	70	4	220	29	9	6	32	10	6
Os08g0535800	AK068776	No apical meristem (NAM) protein domain containing protein.		445	526	1361	425	500	260	348	669	397	440	270	769	287	259	189	436	219	293
Os08g0537200	AK108234	Non-protein coding transcript, unclassifiable transcript.		6	91	36	9	6	7	17	7	6	8	6	98	9	3	7	33	9	13
Os08g0545000	AK121240	Conserved hypothetical protein.		5869	12439	14107	7319	5236	5515	5509	11005	8440	3759	1905	7645	3717	3240	1726	4285	3452	2550
Os09g0114500	AK059015	Kinesin-like protein (Fragment).		130	127	135	336	210	127	74	107	180	72	51	67	234	113	59	42	111	78
Os09g0114500	AK067738	Kinesin-like protein (Fragment).		214	215	211	503	356	198	138	139	272	131	81	102	283	214	94	81	158	129
Os09g0114500	AK100974	Kinesin-like protein (Fragment).		465	407	347	953	590	476	251	259	579	290	136	136	461	264	168	126	280	217
Os09g0127300	AK100234	Conserved hypothetical protein.	*OsCCR17*	110	133	1593	2024	835	46	50	699	351	80	4	1025	965	199	7	469	205	71
Os09g0255000	AK069080	Cell wall invertase (EC 3.2.1.26).		180	144	702	1431	619	140	77	272	553	236	127	1072	1060	608	91	489	601	328
Os09g0255300	AK108794	Glycoside hydrolase, family 32 protein.		71	61	244	256	144	74	50	120	184	93	74	317	413	255	67	171	305	158
Os09g0255400	AK071383	Indole-3-glycerol phosphate synthase, chloroplast precursor (EC 4.1.1.48) (IGPS).		428	479	2060	4221	4775	565	522	1800	3137	1966	1669	3655	4636	6393	97	1412	2117	1320
Os09g0255800	AK106263	Conserved hypothetical protein.		7	7	10	29	20	5	5	5	6	5	11	11	28	38	9	9	9	5
Os09g0268300	AK067908	Monosaccharide transporter 3.		23	19	58	55	53	18	11	16	24	19	42	116	132	50	29	32	58	39
Os09g0286600	AK072749	Pathogenesis-related transcriptional factor and ERF domain containing protein.		282	190	456	963	687	172	143	197	280	199	123	409	385	126	133	246	189	126
Os09g0298100	CI424076	(No Hit)		78	98	573	794	946	73	92	492	367	431	121	644	293	403	49	247	204	235
Os09g0298100	CI424076	(No Hit)		76	84	615	843	998	69	83	482	369	405	125	655	342	410	51	305	228	305
Os09g0337300	AK073765	Ankyrin repeat containing protein.		34	48	44	74	51	38	22	48	104	53	50	79	66	111	57	79	81	40
Os09g0341500	AK073913	Cyclin-like F-box domain containing protein.		412	9668	3920	1792	1310	759	4028	2327	2250	1165	296	4840	1942	1044	133	1426	705	382
Os09g0341600	AK071689	Cyclin-like F-box domain containing protein.		20	1345	812	329	229	17	442	173	105	52	13	1387	901	205	5	232	53	19
Os09g0370500	CI175427	(No Hit)		719	1510	1964	1242	863	727	612	1086	1226	552	188	1054	827	553	156	394	467	333
Os09g0380600	AK063655	Conserved hypothetical protein.		51	246	345	234	179	41	66	171	101	63	7	180	95	85	6	33	50	22
Os09g0392400	AK106799	PDR13 ABC transporter.		46	144	114	123	98	44	56	90	119	44	74	191	80	137	45	71	64	32
Os09g0408900	CI137128	Protein kinase family protein.		1544	3486	4059	2280	1769	1474	1718	2837	2430	1180	986	3023	1822	1730	794	1773	1163	895
Os09g0416600	AK101668	Conserved hypothetical protein.		2094	4623	8198	3564	2812	1944	2165	4446	2680	1984	1108	6628	2783	2035	1040	3514	1538	1315
Os09g0416600	AK106445	Conserved hypothetical protein.		2547	5676	8979	3760	3204	2312	2627	4975	3237	2426	1341	6050	2886	2259	1343	3938	1999	1708
Os09g0417600	AF467736	DNA-binding WRKY domain containing protein.		171	407	447	531	300	67	119	113	269	310	161	179	677	199	60	119	95	93
Os09g0417600	AK059966	DNA-binding WRKY domain containing protein.		340	760	734	1054	580	84	180	118	473	444	318	285	1167	456	102	157	358	229
Os09g0417600	AK068337	DNA-binding WRKY domain containing protein.		886	2082	2032	3334	1476	150	323	255	1052	884	432	454	2881	699	115	332	412	286
Os09g0417600	AY323479	DNA-binding WRKY domain containing protein.		322	714	660	1033	563	79	156	98	371	352	304	270	1211	432	93	156	351	229
Os09g0417800	AK067834	DNA-binding WRKY domain containing protein.	*OsWRKY62*	111	434	1174	691	613	16	95	37	280	345	168	1059	1106	921	39	1045	436	100
Os09g0434900	AK120863	Zn-finger, cysteine-rich C6HC domain containing protein.		26	57	79	61	34	20	32	32	33	22	32	77	43	32	15	30	22	35
Os09g0438000	AK120739	Respiratory burst oxidase protein E.	*OsrbohG*	364	622	888	451	343	299	257	356	369	247	159	577	416	250	132	305	169	170
Os09g0442100	AK111977	Avr9/Cf-9 rapidly elicited protein 264.		790	3480	8838	3765	2048	801	954	3712	2346	948	430	5396	3421	1067	267	2877	1515	648
Os09g0453900	AK107054	MORN motif repeat containing protein.		50	51	68	128	134	60	41	74	110	66	41	55	63	87	35	36	45	62
Os09g0457900	AK067195	AP2 domain containing protein RAP2.6 (Fragment).		5	50	27	10	5	5	5	5	14	8	6	22	42	11	4	11	4	4
Os09g0458300	AK108581	Leucine-rich repeat, plant specific containing protein.		20	43	58	112	80	37	34	54	64	34	9	15	33	55	14	14	55	30
Os09g0458600	AK066473	Hypothetical protein.		29	21	31	73	41	17	8	8	13	5	73	183	146	111	12	8	25	14
Os09g0458800	CI036576	(No Hit)		12	10	13	27	37	5	5	5	4	4	29	95	66	59	6	6	6	7
Os09g0468300	CI561982	(No Hit)		340	2843	4058	4053	5269	538	1758	3259	3820	2506	295	3568	2573	2981	185	1518	1703	1957
Os09g0472100	AK120390	ABC transporter.		62	565	1906	541	159	86	147	1157	364	110	27	1586	632	127	34	1074	175	83
Os09g0472200	Os09g0472200	ABC transporter.		353	2452	7685	2296	809	513	985	6133	2143	628	146	4349	1853	615	183	3583	898	396
Os09g0507200	AK072867	MADS box protein.		18	13	71	19	23	16	13	31	13	65	17	16	16	366	11	7	19	14
Os09g0507200	U32109	MADS box protein.		10	10	106	10	10	10	13	19	9	50	24	9	14	745	26	26	26	29
Os09g0507200	U78892	MADS box protein.		97	87	623	104	118	93	93	152	97	389	18	15	14	316	12	8	6	11
Os09g0517100	AK100778	Disease resistance protein family protein.		31	340	285	144	54	21	64	206	99	28	53	515	271	117	24	312	123	40
Os09g0517100	AK119460	Disease resistance protein family protein.		216	2209	2207	793	275	169	484	1490	739	222	248	2382	1005	445	99	1127	356	160
Os09g0518000	AU183565	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		605	759	439	1431	2639	391	295	197	665	1103	289	158	863	2375	185	132	251	354
Os09g0524800	AK060485	Apoptosis regulator Bcl-2 protein, BAG domain containing protein.		315	850	618	306	335	234	263	341	267	221	115	231	181	142	115	148	135	140
Os09g0543900	AK109723	Transferase family protein.		5	118	4370	209	16	6	13	735	262	6	4	3058	137	23	4	1487	81	7
Os09g0544000	Os09g0544000	Transferase family protein.		206	691	8191	1135	243	247	324	5311	579	182	34	1519	723	86	34	1379	246	80
Os09g0551000	CI408875	Receptor-like protein kinase.		109	197	1000	358	539	103	113	442	454	308	166	1147	1080	514	45	502	440	226
Os09g0555800	CI218546	AMP-dependent synthetase and ligase domain containing protein.		15	25	983	1634	828	12	12	274	1019	184	6	537	2070	499	8	131	469	215
Os09g0556200	Os09g0556200	TPR repeat containing protein.		92	140	214	139	126	61	38	70	67	44	37	142	84	49	20	49	40	29
Os09g0561500	CI399063	EGF-like calcium-binding domain containing protein.		8	39	214	54	32	4	9	25	23	15	15	925	44	52	10	216	182	25
Os09g0561600	AK107166	Protein kinase domain containing protein.		74	1013	1850	834	389	102	406	1469	660	363	79	1811	569	330	45	897	370	201
Os09g0562600	AK102702	EGF-like calcium-binding domain containing protein.		52	202	163	106	79	55	51	103	88	54	74	325	178	138	60	150	119	108
Os10g0100900	AK068970	Conserved hypothetical protein.		54	49	61	116	88	62	45	19	62	38	52	59	104	96	31	23	58	44
Os10g0101000	AK121858	N/apple PAN domain containing protein.		89	127	247	171	117	86	65	109	173	86	43	126	149	85	37	79	91	56
Os10g0118800	CI258636	Cytochrome b561 family protein.		125	174	330	362	133	118	118	118	270	139	7	22	58	30	4	7	4	4
Os10g0142600	CI113585	Protein kinase domain containing protein.		27	25	36	172	74	9	13	18	32	28	8	36	75	22	3	8	7	5
Os10g0147900	AK120943	ARM repeat fold domain containing protein.		418	1669	1063	669	459	362	617	610	463	232	286	1198	664	446	195	484	380	266
Os10g0205700	AK060177	Conserved hypothetical protein.		42	25	29	85	122	33	11	12	34	14	33	28	92	82	29	18	82	83
Os10g0325400	AK060392	Remorin, C-terminal region domain containing protein.		9	11	18	17	34	4	4	4	4	6	3	48	13	12	3	4	6	3
Os10g0337700	AK062808	MFP1 attachment factor 1.		25	90	115	47	23	14	35	36	15	9	13	44	21	23	5	8	9	8
Os10g0346300	AK110474	Multicopper oxidase, type 1 domain containing protein.		41	24	63	1797	2943	42	104	77	610	1374	38	119	2590	4429	10	32	498	647

Os10g0370500	AK065000	Glycoside hydrolase, family 5 protein.		16041	28815	180028	401651	330214	39182	25660	116108	331106	107015	18466	266071	512941	389152	14076	143712	338835	209157
Os10g0375000	Cl425616	(No Hit)		18	35	119	67	36	13	11	103	83	33	15	61	131	42	7	58	55	33
Os10g0391400	AK107854	ZIM domain containing protein.		610	22443	24169	6437	2068	375	12357	13217	2478	1131	741	29906	5265	1214	416	16866	2317	1008
Os10g0416100	AF330230	Class III chitinase RCB4 (EC 3.2.1.14).		9940	12003	21544	35105	28785	10882	10723	17998	24401	13477	9204	24273	26542	23973	6591	14285	21266	19632
Os10g0416100	AF350426	Class III chitinase RCB4 (EC 3.2.1.14).		11127	12113	19560	35406	34344	11404	10668	16218	24114	15595	8965	18532	22248	24571	6509	11387	17795	18468
Os10g0416100	AK061215	Class III chitinase RCB4 (EC 3.2.1.14).		11220	13789	22645	39259	39334	11407	13344	19336	26165	18247	9084	21509	23716	25821	6370	11475	17557	18159
Os10g0416100	AK071453	Class III chitinase RCB4 (EC 3.2.1.14).		11247	13874	22096	36613	39755	11367	12819	18787	25783	18354	9045	19303	22349	24701	6372	11482	17456	17889
Os10g0433100	Cl150560	(No Hit)		552	1144	2571	2167	1312	469	210	1476	1878	1102	596	3145	1946	1213	272	1101	1021	692
Os10g0442900	Cl246966	ABC transporter domain containing protein.		181	202	658	854	526	205	178	446	597	257	120	639	652	386	112	521	412	259
Os10g0450800	AK061298	Glycine-rich cell wall structural protein 2 precursor.		43516	47895	62140	112008	111528	27153	16407	24011	60831	36973	9852	33819	60018	63907	3614	5741	11614	13862
Os10g0450800	AK070851	Glycine-rich cell wall structural protein 2 precursor.		43125	45732	60077	109864	110416	27544	16758	24238	58827	37337	9725	33791	56894	61049	3448	5403	10963	13674
Os10g0451700	AK103350	Glycine-rich cell wall structural protein 2 precursor.		3921	5977	11445	22495	27573	3797	3271	6421	12469	10214	2170	8379	13564	14624	1074	3043	7374	8066
Os10g0451900	AK064070	Hypothetical protein.		17555	23083	21830	60628	72655	26736	19126	19910	60489	32243	14606	35076	85566	112174	10666	14883	38266	30507
Os10g0451900	AK102661	Hypothetical protein.		17276	22891	21259	58945	73931	26094	17897	18862	56593	32308	15057	35528	93871	124227	11057	15254	40369	30592
Os10g0452300	AB059239	Eggshell protein family protein.		4576	4994	8255	14756	21942	3357	3367	4475	7500	8852	4495	9245	12493	14640	3414	3160	5993	8851
Os10g0452300	AK121664	Eggshell protein family protein.		6825	8463	13955	27130	41406	5120	5729	7312	14178	14923	6628	16852	24930	28786	4852	5218	10491	14247
Os10g0467900	Os10g0467900	Protein kinase domain containing protein.		130	212	550	244	157	102	63	203	143	102	99	442	198	204	67	192	122	93
Os10g0468500	AK110897	Protein kinase domain containing protein.		224	408	1265	516	228	150	19	393	199	118	167	1292	982	526	99	533	455	228
Os10g0468500	AK120876	Protein kinase domain containing protein.		521	1579	4045	2115	1204	364	273	1610	1180	415	351	3006	2038	1410	237	1578	1084	531
Os10g0469700	AK066165	Leucine-rich repeat, cysteine-containing type containing protein.		171	392	561	455	260	156	178	304	307	201	126	398	373	183	114	280	216	168
Os10g0479800	AK107572	Protein of unknown function DUF1336 domain containing protein.		32	40	79	61	34	28	12	50	68	17	20	67	47	29	14	28	35	10
Os10g0482900	AK071332	Glutaredoxin domain containing protein.		13	21	51	25	17	23	16	21	27	14	11	58	33	26	5	13	9	5
Os10g0502400	AB011416	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).		987	2551	2928	1083	678	357	462	638	459	292	833	4716	1460	498	584	2205	620	271
Os10g0502400	AK062231	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).		1214	2604	3542	1574	857	442	529	852	522	349	864	5035	1685	557	596	2392	664	327
Os10g0502400	AK099393	Glutamyl-tRNA reductase 2 (EC 1.2.1.-) (GluTR) (Fragment).		1125	2346	3433	1472	819	399	501	777	439	306	810	4772	1617	544	555	2408	658	286
Os10g0513400	Os10g0513400	Cytochrome P450 family protein.		164	190	1042	1413	1089	197	167	306	626	452	91	313	1015	636	82	122	193	149
Os10g0514500	Os10g0514500	Cytochrome P450 family protein.		79	92	390	526	414	94	71	92	238	143	59	187	619	344	58	59	100	84
Os10g0515200	AK105678	Cytochrome P450 family protein.		287	298	257	515	681	328	214	152	330	331	133	198	300	484	130	121	257	283
Os10g0515900	AK108424	E-class P450, group I family protein.		239	380	5134	10120	7387	309	237	1137	3347	2021	114	1688	10917	5727	20	313	445	148
Os10g0517500	AB040741	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.		80	77	2409	878	539	131	92	836	473	269	26	1603	700	146	22	692	265	119
Os10g0517500	AK100465	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.		1124	973	23877	14362	8289	1988	1286	8570	8078	3883	314	13163	8438	4218	223	6282	4708	2569
Os10g0517500	AK105942	Cys/Met metabolism pyridoxal-phosphate-dependent enzymes family protein.		967	847	21435	12826	6823	1844	1280	8846	7264	3535	260	11158	6761	3688	177	5034	3947	2192
Os10g0519300	Cl255159	AAA ATPase, central region domain containing protein.		939	2842	4668	2639	2102	828	901	2340	2200	950	396	3789	2422	1863	273	1332	976	887
Os10g0521400	AK109013	Alpha/beta hydrolase fold domain containing protein.		278	599	2377	553	278	239	424	1027	315	128	67	2161	493	102	59	757	107	59
Os10g0521900	AK061038	Rhomboid-like protein family protein.		749	12330	1591	340	443	975	4421	1601	601	687	562	1243	235	370	337	409	224	316
Os10g0524300	AK063244	Peptidoglycan-binding LysM domain containing protein.		585	455	690	661	1323	309	265	390	423	511	197	429	712	388	151	596	425	485
Os10g0524400	AK110268	Phospholipase D (EC 3.1.4.4).		15	32	46	37	20	16	9	18	32	7	18	35	59	62	5	7	11	4
Os10g0544600	AK105882	Zn-finger, RING domain containing protein.		78	65	678	297	203	66	64	342	125	97	92	879	224	90	84	743	144	106
Os10g0557900	Cl422532	92 kDa type IV collagenase precursor (EC 3.4.24.35) (92 kDa gelatinase).		10	18	106	29	14	10	13	19	21	26	8	77	13	12	12	48	19	28
Os10g0562900	AK107989	Pathogenesis-related transcriptional factor and ERF domain containing protein.		86	3342	1468	474	244	73	755	901	472	177	59	2027	373	103	29	348	282	142
Os10g0565200	Cl411567	Beta-amylase PCT-BMY1 (EC 3.2.1.2).		250	626	1715	858	678	282	310	749	808	317	163	2870	636	433	135	1543	497	287
Os10g0567600	AK105119	Conserved hypothetical protein.		540	1032	1360	723	548	332	390	628	726	280	356	1267	817	475	245	396	318	278
Os10g0571200	AK120979	Pyruvate kinase isozyme G, chloroplast (EC 2.7.1.40) (Fragment).		828	1236	2096	4439	2823	592	380	1156	2012	646	613	1814	1087	2205	591	1387	1368	749
Os10g0574700	Cl029916	Protein of unknown function DUF597 family protein.		1153	2802	2965	2341	1935	969	1355	2215	2275	1286	827	2173	1787	1633	600	1213	991	923
Os10g0578200	AK110534	Cellulose synthase-9.		27	30	152	154	61	36	19	61	83	20	21	191	120	74	19	38	75	20
Os10g0580900	AK062821	Conserved hypothetical protein.		59	294	209	91	67	41	67	159	70	45	85	391	91	85	82	200	47	55
Os10g0580900	AK072734	Conserved hypothetical protein.		1679	5414	9783	2506	1873	660	972	2179	814	685	1339	10200	2211	1065	688	4476	715	460
Os10g0580900	AK104136	Conserved hypothetical protein.		1653	7933	11139	2660	1934	659	1216	2798	916	692	1621	15457	2651	1443	799	6469	893	482
Os11g0100600	AK060331	Alpha/beta hydrolase family protein.		18	47	148	101	99	25	23	85	92	61	10	106	132	66	7	51	63	37
Os11g0109700	AK059364	Uncharacterized Cys-rich domain containing protein.		27	112	297	309	80	33	38	309	169	47	16	195	152	79	9	58	73	35
Os11g0109700	AK065601	Uncharacterized Cys-rich domain containing protein.		17	66	161	74	40	16	17	137	47	11	14	128	86	43	7	20	19	12
Os11g0109700	AK072035	Uncharacterized Cys-rich domain containing protein.		25	106	187	185	54	25	29	282	105	26	22	274	125	69	15	60	34	16
Os11g0109700	AK120107	Uncharacterized Cys-rich domain containing protein.		31	140	358	203	56	28	30	205	113	38	27	316	150	68	15	62	36	21
Os11g0117500	Cl061950	(No Hit)		222	1823	2113	568	157	14	325	240	206	128	20	195	1010	82	11	119	102	44
Os11g0121300	Cl339638	Hypothetical protein.		952	666	1954	2044	1024	590	419	956	1027	567	937	2212	1385	728	481	1167	969	617
Os11g0126800	AK069257	No apical meristem (NAM) protein domain containing protein.		233	260	716	521	395	140	172	258	433	200	56	523	755	358	60	581	292	142
Os11g0127600	AK067922	No apical meristem (NAM) protein domain containing protein.		290	512	615	385	461	183	290	387	244	331	288	862	510	298	225	559	288	264
Os11g0128300	AK063715	ZF-HD homeobox protein (Fragment).		47	40	271	129	78	49	57	131	93	65	20	130	137	60	23	104	94	30
Os11g0133300	AK102340	Resistance protein candidate (Fragment).		46	24	115	54	33	35	11	26	41	41	43	131	92	91	30	89	68	45
Os11g0133300	AK121819	Resistance protein candidate (Fragment).		22	21	90	39	23	13	13	13	21	20	12	78	92	79	18	49	62	44
Os11g0136300	Cl352345	Protein of unknown function DUF6 domain containing protein.		142	824	3593	511	167	220	263	1364	314	165	342	5331	1016	352	132	1862	402	114
Os11g0155100	AK108413	Cyclin-like F-box domain containing protein.		135	753	2073	1471	751	174	270	953	790	333	88	1927	1122	631	39	369	399	279
Os11g0168600	Cl394492	Protein kinase domain containing protein.		515	908	2777	1513	854	411	450	1341	1178	619	451	2066	1564	855	137	646	552	314
Os11g0181800	AK071972	Short-chain dehydrogenase Tic32.		14	12	14	157	55	14	17	29	67	94	6	21	35	50	8	15	19	24
Os11g0228600	AK068380	NBS-LRR disease resistance protein homologue.		309	598	789	335	251	301	292	323	254	560	21	45	22	14	17	30	25	24
Os11g0230700	Cl470608	(No Hit)		298	352	610	374	163	125	110	141	125	88	236	498	281	161	46	61	67	32
Os11g0244100	Os11g0244100	Transferase family protein.		163	208	1029	500	452	239	237	386	732	414	385	2562	1503	503	87	196	160	166
Os11g0257200	Os11g0257200	SAM dependent carboxyl methyltransferase family protein.		7	7	147	48	37	6	6	30	68	13	7	142	72	7	7	96	21	12
Os11g0264500	Os11g0264500	Hypothetical protein.		42	57	150	90	48	40	53	63	54	36	28	138	61	47	28	71	39	22
Os11g0438700	AK063434	Glucose/ribitol dehydrogenase family protein.		17	30	36	60	28	8	8	23	17	8	4	60	29	22	4	31	12	6
Os11g0441500	AK069996	UDP-glucuronosyl/UDP-glucosyltransferase family protein.		562	465	1277	955	659	406	213	627	599	455	553	1153	1049	708	204	545	501	345
Os11g0482200	AK062443	Hypothetical protein.		14	14	126	81	76	11	25	99	39	52	24	346	140	81	18	343	51	59
Os11g0483000	Cl553248	Cytochrome P450 family protein.		39	390	1355	384	196	20	232	278	80	69	28	647	461	191	38	565	201	146
Os11g0537400	AK063113	Non-protein coding transcript, unclassifiable transcript.	*Osrbohl*	87	221	469	123	66	74	51	257	75	38	53	542	180	87	27	175	54	42
Os11g0539500	Os11g0539500	O-methyltransferase, family 2 domain containing protein.		53	50	86	497	434	34	54	88	192	188	22	21	137	139	16	20	25	43
Os11g0542100	Cl435373	(No Hit)		5	29	22	23	22	7	11	10	37	57	5	25	24	20	5	13	16	11
Os11g0557500	Cl068054	(No Hit)		300	611	1004	767	541	244	272	445	585	351	145	910	645	413	107	395	421	284
Os11g0599200	AK100744	Hypothetical protein.		350	455	5602	1504	632	626	321	3938	1009	225	29	2195	646	149	25	1365	313	65
Os11g0601700	AK068017	Basic helix-loop-helix dimerisation region bHLH domain containing protein.		52	56	113	54	47	21	18	17	21	11	30	101	51	22	13	35	10	10
Os11g0611400	AK058531	Patatin-like protein 1.		4	4	30	6	4	5	5	5	29	13	4	12	26	4	4	11	6	4
Os11g0620500	AK120965	Protein kinase domain containing protein.		16	20	16	37	28	22	13	20	59	11	11	17	31	57	7	7	22	10
Os11g0629600	AK119302	BTB/POZ domain containing protein.		29	52	84	116	74	23	16	55	81	10	22	73	68	85	8	34	29	11
Os11g0641500	AK103094	Multicopper oxidase, type 1 domain containing protein.		156	180	1738	5014	2714	274	267	1304	2879	1153	260	3376	6214	2691	71	1272	2985	1071
Os11g0642400	Cl434548	(No Hit)		234	316	1900	802	333	41	57	528	86	52	33	931	261	92	11	281	33	21
Os11g0642400	Cl434548	(No Hit)		222	285	1792	721	312	44	63	633	118	58	37	1031	367	102	17	533	72	45
Os11g0649900	Cl234556	Exo70 exocyst complex subunit family protein.		183	1210	2327	1583	1399	303	650	1031	1488	663	81	1913	672	585	92	914	624	477
Os11g0650700	Cl234556	(No Hit)		158	1114	1923	1499	1202	268	568	874	1340	577	79	1729	651	602	90	971	750	469
Os11g0664000	Cl517285	(No Hit)		15	37	52	36	35	17	17	19	35	26	18	75	114	93	9	21	14	8
Os11g0664000	Cl517285	(No Hit)		17	48	30	38	41	20	18	42	47	37	13	48	47	25	6	20	20	12
Os11g0684000	AY026332	Myb, DNA-binding domain containing protein.		9	29	32	45	18	7	12	29	13	24	26	179	36	16	16	177	18	17
Os11g0686500	AK066559	Disease resistance protein family protein.		45	32	86	161	138	28	18	49	89	65	30	57	137	64	16	29	37	43
Os11g0696900	Cl424604	Laccase (EC 1.10.3.2).		338	331	783	468	334	165	153	272	236	195	59	87	141	156	39	62	75	55
Os11g0701400	AK106319	Chitinase (EC 3.2.1.14).		4743	7360	30736	39614	39085	6220	6747	16592	32235	19448	4344	23983	26431	24665	3058	16460	19409	16162
Os11g0701400	D55710	Chitinase (EC 3.2.1.14).		4042	6427	29612	36921	39306	5277	6097	15035	30449	18885	3718	23862	28465	25605	2604	15279	18861	15446
Os11g0701800	AB027415	Class III chitinase homologue (OsChib3H-a).		24319	32002	132718	187075	161409	24626	21104	54187	129111	46802	31392	134583	128591	101756	23717	92951	103142	57982
Os11g0701800	AB027419	Class III chitinase homologue (OsChib3H-a).		13737	18926	74444	95917	84685	13067	11541	29773	60293	25413	19291	67633	65787	55362	14426	51113	54239	36412
Os11g0701900	AK064281	Glycoside hydrolase, family 18 protein.		6651	10516	66825	108762	70966	8506	9185	36093	75311	33587	8337	55685	87208	47697	4470	33275	52814	29485
Os11g0702000	AK106678	Conserved hypothetical protein.		14	34	149	103	53	15	10	91	73	44	19	106	170	54	6	15	35	25
Os11g0702100	AK102505	Class III chitinase homologue (OsChib3H-h) (Fragment).		17572	34211	199353	167168	105209	22206	25969	105822	124331	52160	18986	185440	121602	78773	10580	98209	69149	41799
Os11g0704600	AK100631	Glycoside hydrolase, family 17 protein.		12597	17852	25668	17346	3671	8337	4775	12602	13892	5158	3799	12507	12124	11304	3040	7900	6190	4282
Os11g0704600	AK102883	Glycoside hydrolase, family 17 protein.		19549	27410	39773	26362	20228	14044	7231	18501	21903	7715	6330	21284	21736	18820	4957	11935	10226	6649
Os11g0705800	Os11g0705800	Scarecrow-like 9 (Fragment).		3409	5009	10165	6889	5654	3461	2883	6551	5652	2819	2243	6407	5187	4946	1583	4308	4090	2827
Os12g0104900	Cl128990	Calcium-binding EF-hand domain containing protein.		5	37	53	24	18	6	28	23	77	41	6	76	51	25	5	40	25	26
Os12g0109700	AK058609	Hypothetical protein.		25	132	645	380	124	44	24	540	322	92	10	269	162	100	5	66	75	31
Os12g0116700	Cl182903	WRKY transcription factor 64.		351	2628	2581	820	249	21	75	260	267	206	24	249	834	56	13	122	87	25
Os12g0121000	AK068049	Hypothetical protein.		110	72	289	527	227	57	38	92	152	78	64	317	321	128	44	199	228	117
Os12g0123800	AB182278	CUC2.		342	1215	2166	1378	1180	240	533	1109	786	642	198	3017	1047	732	119	961	431	335
Os12g0123800	Os12g0123800	CUC2.		384	1263	2178	1206	1155	283	605	1030	844	753	221	2353	1002	742	150	935	578	402
Os12g0136300	AK106901	Hypothetical protein.		27	56	117	47	33	30	27	64	43	30	19	79	68	75	11	55	39	27
Os12g0145100	AK067141	Wali7 protein (Fragment).		18598	17839	46890	95138	80761	21652	25487	36236	49248	37866	16260	55528	62912	52578	11586	39680	40835	29800
Os12g0145100	AK104102	Wali7 protein (Fragment).		16935	16455	41967	82307	71530	19947	22193	33477	44473	35297	15156	49712	54485	44946	10793	37168	36976	29669
Os12g0145100	AK104347	Wali7 protein (Fragment).		17584	17039	43360	85270	77901	20034	25060	33729	44693	35043	15323	50737	53795	45206	10934	38200	38914	27930
Os12g0150200	AK064287	Cytochrome P450 family protein.		988	4993	4312	1734	1028	658	1318	1721	844	448	985	4871	2408	1952	618	2167	783	594
Os12g0159900	AK107552	Harpin-induced 1 domain containing protein.		97	598	673	195	167	53	329	174	144	110	413	1940	493	396	57	210	92	107
Os12g0181600	AK061470	Amino acid/polyamine transporter II family protein.		240	738	653	203	235	183	202	325	209	130	35	188	165	58	50	227	108	69
Os12g0189300	AK058936	Isocitrate lyase and phosphorylmutase family protein.		13	6	276	8	8	6	6	6	6	6	7	7	55	4	27	729	20	11
Os12g0189300	AK068710	Isocitrate lyase and phosphorylmutase family protein.		12	12	177	12	12	6	6	6	6	6	6	132	104	6	16	369	38	8
Os12g0190400	Cl562241	Phage head-tail adaptor, putative family protein.		6	19	128	128	70	5	5	5	15	24	21	10	26	92	52	4	50	19	18
Os12g0211500	AK103606	Leucine-rich repeat, plant specific containing protein.		303	352	643	1283	883	162	109	218	478	230	305	599	726	668	179	407	432	260
Os12g0220800	AK108124	Hypothetical protein.		105	395	501	169	115	73	171	274	107	96	165	564	235	155	151	358	174	154
Os12g0236600	AK063465	Conserved hypothetical protein.		336	743	805	457	457	321	273	290	282	223	275	1197	729	478	214	460	567	439
Os12g0242100	AK109396	Eggshell protein family protein.		5000	5312	7715	14887	9159	3273	1521	2509	4812	2394	3085	6859	7624	3979	1742	1740	4194	2601
Os12g0257600	Cl522488	Multicopper oxidase, type 1 domain containing protein.		129	143	473	448	600	121	171	233	366	397	103	420	313	331	42	120	180	106
Os12g0268000	AF088221	Cytochrome P450 71A1 (EC 1.14.--.-) (CYPLXXIA1) (ARP-2).		8508	8221	18170	51783	117602	10920	7108	11671	31481	11695	3643	17022	50782	25342	2925	8494	29101	11437
Os12g0268000	AK071599	Cytochrome P450 71A1 (EC 1.14.--.-) (CYPLXXIA1) (ARP-2).		5638	6637	13482	40164	24554	6986	5356	8749	23113	8798	2219	11334	34894	15076	1736	5671	17490	7412
Os12g0272500	AK120114	Non-protein coding transcript, uncharacterized transcript.		22	19	7	45	53	26	28	15	61	19	15	7	17	50	14	8	16	29
Os12g0278700	AK071421	Cystinosin homolog.		4288	3718	3318	7399	8809	1143	1475	1892	1579	3608	2646	2132	7663	5315	971	630	2177	1868
Os12g0283900	AK099847	Protein prenyltransferase domain containing protein.		25	42	118	70	43	17	16	34	29	28	16	64	62	40	10	61	35	24
Os12g0293000	AK069712	Hypothetical protein.		28	34	35	66	58	38	37	56	93	28	39	75	54	152	27	28	43	26
Os12g0418600	Os12g0418600	Hypothetical protein.		648	768	3761	1455	721	462	443	1665	706	471	2477	5567	1669	1677	1211	4764	1259	821
Os12g0421000	AK071491	Barley stem rust resistance protein.		490	598	1466	2440	1731	148	239	473	630	560	558	1119	1293	906	151	309	476	321
Os12g0437800	AK063833	CI2E.		221	350	3254	10026	7815	245	829	2497	3765	3706	697	18831	12573	8215	429	16043	8744	3700
Os12g0448900	AF229813	Animal haem peroxidase family protein.		8	12	868	543	277	6	6	115	180	125	58	1947	938	534	19	3022	1243	909
Os12g0448900	AK100592	Animal haem peroxidase family protein.		94	131	4142	4778	2455	73	122	2437	1928	844	406	9931	5332	3490	137	6971	3968	2033
Os12g0447400	Cl549926	No apical meristem (NAM) protein domain containing protein.		233	377	575	345	408	180	233	270	290	243	110	454	312	178	124	259	161	155
Os12g0516800	Cl257278	Protein of unknown function DUF231 domain containing protein.		54	46	246	301	230	51	37	172	244	95	62	439	322	301	55	161	184	98
Os12g0518200	AK070844	Protein of unknown function DUF6 domain containing protein.		85	768	4478	524	84	177	185	1271	267	130	93	4908	790	106	47	2455	350	63
Os12g0541300	Cl480228	Respiratory burst oxidase homolog.	*OsrbohH*	4249	8997	18324	5752	3323	3362	2994	12710	5260	2042	2097	14465	5841	3258	2034	8495	2728	1741
Os12g0550800	AK098944	Hypothetical protein.		10	23	18	33	32	15	14	15	36	5	10	22	40	36	20	28	37	13
Os12g0