

**Table S1 Differentially expressed genes revealed by microarray between TP309 and G316**

Probe set	ID	Gene ID	Gene product name	Fold		
				Repeat 1	Repeat 2	Repeat 3
Os.3415.1.S1_at		LOC_Os10g39680	CHIT14 - Chitinase family protein precursor, expressed	3.6	3	1
Os.49305.1.S1_at		LOC_Os01g51754	alpha-amylase precursor, putative, expressed	-2.6	-1.3	-1.1
Os.1191.1.S1_at		LOC_Os03g04060	CHIT16 - Chitinase family protein precursor, expressed	3.1	3.9	1.3
Os.47792.1.S1_at		LOC_Os02g01590	glycosyl hydrolases, putative, expressed	-1.4	-1.5	-2.9
Os.10926.1.S1_at		LOC_Os07g14850	CESA6 - cellulose synthase, expressed	1.4	1.7	1.9
Os.15705.1.S1_x_at		LOC_Os05g43530	CSLC7 - cellulose synthase-like family C, expressed	2.1	2	2
OsAffx.20285.2.S1_at		LOC_Os05g43530	CSLC7 - cellulose synthase-like family C, expressed	2.2	1.8	2.3
OsAffx.6015.1.S1_at		LOC_Os08g33740	CSLA11 - cellulose synthase-like family A, expressed	2.7	2.4	4.8
Os.25614.1.S1_at		LOC_Os06g02180	CSLD2 - cellulose synthase-like family D, expressed	1.4	1	1.3
Os.17509.1.S1_at		LOC_Os02g50490	endoglucanase, putative, expressed	1.6	1.6	2.3
Os.54551.1.S1_at		LOC_Os09g23084	endoglucanase, putative, expressed	2.4	1.1	1.7
Os.55554.1.S1_at		LOC_Os08g38270	fasciclin domain containing protein, expressed	2.3	1.4	1.3
Os.10579.1.S1_at		LOC_Os08g02700	fructose-bisphosphate aldolase isozyme, putative, expressed	1.6	1.3	1.2
Os.6776.1.S1_at		LOC_Os07g35480	glucan endo-1,3-beta-glucosidase precursor, putative, expressed	4.1	2.5	3.4
Os.51883.1.S1_at		LOC_Os03g45390	glucan endo-1,3-beta-glucosidase precursor, putative, expressed	-2.4	-2.5	-1.6
OsAffx.25749.1.S1_at		LOC_Os03g57880	glucan endo-1,3-beta-glucosidase precursor, putative, expressed	2	1.6	2.6
Os.24051.1.S1_at		LOC_Os04g33640	glycosyl hydrolases family 17, putative, expressed	1.7	4.2	1.3
Os.24051.2.S1_at		LOC_Os04g33640	glycosyl hydrolases family 17, putative, expressed	2.8	2.4	1.7
Os.47778.1.A1_s_at		LOC_Os04g33640	glycosyl hydrolases family 17, putative, expressed	3.7	2.4	2.5
Os.4159.1.S1_at		LOC_Os01g51570	glycosyl hydrolases family 17, putative, expressed	4.4	5.2	3.5

Os.18609.1.S1_at	LOC_Os12g03720	glucosamine--fructose-6-phosphate aminotransferase 1, putative, expressed	2.3	1.3	2
Os.13993.1.S1_at	LOC_Os08g33720	lactate/malate dehydrogenase, putative, expressed	1	1.4	1.8
Os.7930.1.S1_x_at	LOC_Os08g37370	mitochondrial carrier protein, putative, expressed	1.6	1	1.3
Os.17741.1.S1_at	LOC_Os01g22900	neutral/alkaline invertase, putative, expressed	1	1.4	2.3
Os.27505.1.S1_at	LOC_Os01g57854	pectinesterase, putative, expressed	1.6	1.9	2.2
Os.4683.1.S1_at	LOC_Os05g39320	thiamine pyrophosphate enzyme, C-terminal TPP binding domain containing protein, expressed	3.9	4.1	6.6
Os.29866.1.S1_at	LOC_Os01g52530	phosphoribosyl transferase, putative, expressed	2.2	2.3	2.4
Os.5016.1.S1_at	LOC_Os03g55070	UDP-glucose 6-dehydrogenase, putative, expressed	2.7	2	1.7
Os.10473.1.S1_at	LOC_Os12g25690	UDP-glucose 6-dehydrogenase, putative, expressed	1.5	1.1	1.2
Os.32890.1.S1_at	LOC_Os11g47600	glycosyl hydrolase, putative, expressed	3.4	6.6	3.5
Os.172.1.S1_a_at	LOC_Os11g47500	glycosyl hydrolase, putative, expressed	3.3	5.1	4.8
OsAffx.27816.1.S1_at	LOC_Os06g25010	glycosyl hydrolase, putative, expressed	1.6	1.9	2.3
Os.28030.1.S1_at	LOC_Os06g48160	glycosyl hydrolases family 16, putative, expressed	4	4.4	1.9
Os.25564.1.S1_at	LOC_Os02g46910	glycosyl hydrolases family 16, putative, expressed	1.9	2	1
Os.6139.1.S1_at	LOC_Os08g34580	trehalose-6-phosphate synthase, putative, expressed	2.5	1.2	1.9
Os.6092.1.S1_at	LOC_Os02g44230	CPuORF22 - conserved peptide uORF-containing transcript, expressed	2.7	4	2.2
Os.15026.1.S1_at	LOC_Os09g37540	uncharacterized protein PA4923, putative, expressed	6.4	3.7	2.5
Os.9848.1.S1_at	LOC_Os05g10650	6-phosphofructokinase, putative, expressed	2.6	4	2.4
Os.9534.1.S1_at	LOC_Os01g65830	acyl-desaturase, chloroplast precursor, putative, expressed	4.6	4.9	5.5
Os.8714.1.S1_at	LOC_Os02g52610	xyloglucan fucosyltransferase, putative, expressed	1.3	1.5	1.2
Os.51937.1.S1_a_at	LOC_Os07g09670	galactosyltransferase family protein, putative, expressed	4.6	2.2	3
OsAffx.13544.1.S1_at	LOC_Os03g58900	galactosyltransferase family protein, putative, expressed	4.7	2.8	2.1

Os.329.1.S1_at	LOC_Os04g55670	glycosyltransferase family 43 protein, putative, expressed	2.1	1.5	2.5
Os.35024.1.S1_at	LOC_Os01g31370	glycosyltransferase, putative, expressed	2.2	2.6	3
Os.53077.1.S1_at	LOC_Os04g42760	sialyltransferase family domain containing protein, expressed	2.5	1	1.6
Os.49253.1.S1_at	LOC_Os06g12390	galactosyltransferase family protein, putative, expressed	2.1	1.3	2
Os.46627.1.S1_at	LOC_Os10g40640	glycosyl transferase 8 domain containing protein, putative, expressed	3.7	2.7	2.2
Os.26079.1.S1_at	LOC_Os02g50600	glycosyl transferase 8 domain containing protein, putative, expressed	2.2	1.7	1.8
Os.5910.1.S1_at	LOC_Os04g54360	glycosyl transferase 8 domain containing protein, putative, expressed	1.4	1	1.3
OsAffx.27621.1.S1_s_at	LOC_Os06g13760	glycosyl transferase 8 domain containing protein, putative, expressed	1.6	2.2	2
Os.17173.1.S1_at	LOC_Os05g08640	transferase family protein, putative, expressed	1	1.4	2.8
Os.49692.1.S1_at	LOC_Os06g39470	transferase family protein, putative, expressed	1	2.8	2.3
Os.30000.1.S1_at	LOC_Os07g36560	transferase family protein, putative, expressed	3.8	1.9	1.8
Os.31415.1.S1_at	LOC_Os10g13810	glycosyltransferase family 43 protein, putative, expressed	2.5	1.4	1.6
Os.42801.1.S1_at	LOC_Os07g42626	STRUBBELIG-RECEPTOR FAMILY 6 precursor, putative, expressed	-1.2	-2.2	-2.6
Os.4905.1.S1_a_at	LOC_Os01g09010	transferase family protein, putative, expressed	1.4	1.5	1.7
Os.53153.1.S1_at	LOC_Os04g14190	TRAF-type zinc finger family protein, expressed	1.7	3.4	7.5
OsAffx.3952.1.S1_s_at	LOC_Os04g30420	dehydrogenase, putative, expressed	1.3	1.2	1.4
OsAffx.12986.1.S1_at	LOC_Os03g22200	nodulin MtN3 family protein, putative, expressed	-1.5	-2.4	-1.3
Os.27846.1.S1_at	LOC_Os03g52340	endoplasmic oxidoreductin-1 precursor, putative, expressed	2.3	2.4	1.6
Os.15917.1.S1_at	LOC_Os04g41960	NADP-dependent oxidoreductase, putative, expressed	2.3	1.4	1.4
Os.34373.1.S1_at	LOC_Os12g12580	NADP-dependent oxidoreductase, putative, expressed	1	1.2	2.1
Os.50961.1.S1_at	LOC_Os03g58890	oxidoreductase, putative, expressed	3	4.1	2.1
Os.51535.1.S1_at	LOC_Os08g05280	oxidoreductase family, NAD-binding Rossmann fold containing protein, expressed	2.6	2	3.6

Os.53830.1.S1_at	LOC_Os02g40840	alcohol oxidase, putative, expressed	3.2	1.2	3.5
Os.52001.1.S2_at	LOC_Os05g01030	phospholipid-transporting ATPase, putative, expressed	2.9	1.9	2
Os.44475.1.S1_at	LOC_Os07g37730	NADH-ubiquinone oxidoreductase, mitochondrial precursor, putative, expressed	5.5	3.3	4.9
Os.10399.1.S1_at	LOC_Os05g02310	soluble inorganic pyrophosphatase, putative, expressed	1.2	1.5	1.4
Os.50985.1.S1_at	LOC_Os05g36260	soluble inorganic pyrophosphatase, putative, expressed	7.8	3	2.8
Os.15199.1.S1_at	LOC_Os08g14860	cytochrome b-c1 complex subunit 7, putative, expressed	-1.6	-1.7	-1.5
Os.11552.1.S1_at	LOC_Os04g59150	peroxidase precursor, putative, expressed	4.1	3.6	1.5
Os.11552.1.S2_at	LOC_Os04g59150	peroxidase precursor, putative, expressed	3.7	2.7	1.5
Os.55595.1.S1_at	LOC_Os11g02100	peroxidase precursor, putative, expressed	3.7	2.4	1.2
Os.53435.1.S1_at	LOC_Os06g49890	coiled-coil domain-containing protein 90A, mitochondrial precursor, putative, expressed	1.4	1	1.7
Os.11558.1.S1_at	LOC_Os01g16450	peroxidase precursor, putative, expressed	1	1	1.7
Os.33106.1.S1_at	LOC_Os01g57730	peroxidase precursor, putative, expressed	3	5.4	5.2
Os.49540.1.A1_x_at	LOC_Os01g57730	peroxidase precursor, putative, expressed	2.6	3.6	2.7
Os.7832.1.S1_at	LOC_Os03g02920	peroxidase precursor, putative, expressed	1.2	1.3	1.9
Os.10615.1.S1_s_at	LOC_Os12g02310	LTPL11 - Protease inhibitor/seed storage/LTP family protein precursor, expressed	2.5	2.5	2.2
Os.37454.1.S1_at	LOC_Os01g38580	beta,beta-carotene 9,10-dioxygenase, putative, expressed	1.6	2.3	2.2
Os.53604.1.S1_at	LOC_Os03g52860	lipoxygenase, putative, expressed	2.5	5	7.9
Os.405.1.S1_a_at	LOC_Os12g37260	lipoxygenase 2.1, chloroplast precursor, putative, expressed	1	1.7	2.9
Os.14415.1.S1_a_at	LOC_Os03g49380	lipoxygenase, putative, expressed	1.5	1.7	2.8
OsAffx.26361.1.S1_at	LOC_Os04g37430	lipoxygenase protein, putative, expressed	3.8	1.7	2.2

Os.27405.1.S1_at	LOC_Os05g23880	lipoxygenase, putative, expressed	1.7	2.7	2.9
Os.11639.1.S1_at	LOC_Os06g05130	myristoyl-acyl carrier protein thioesterase, chloroplast precursor, putative, expressed	1.9	1.8	2.4
OsAffx.27248.1.S1_x_at	LOC_Os05g40010	LTPL17 - Protease inhibitor/seed storage/LTP family protein precursor, expressed	2	2.9	1.8
Os.7985.1.S1_at	LOC_Os03g18070	omega-3 fatty acid desaturase, chloroplast precursor, putative, expressed	5.6	2.7	1.2
Os.39806.1.S1_at	LOC_Os03g32470	leucoanthocyanidin dioxygenase, putative, expressed	3.7	7	4.2
Os.5511.1.S1_s_at	LOC_Os06g12250	sphingolipid C4-hydroxylase SUR2, putative, expressed	1.4	2.7	2.5
Os.11570.1.S1_s_at	LOC_Os05g41590	glycerol-3-phosphate dehydrogenase, putative, expressed	2.6	2.7	2.5
Os.4807.1.S1_at	LOC_Os04g54200	diacylglycerol kinase, putative, expressed	2.1	2.4	2
Os.51035.1.S1_at	LOC_Os12g12260	diacylglycerol kinase 1, putative, expressed	2.1	1.1	1.8
Os.24612.1.A1_at	LOC_Os05g04960	phosphoglycerate mutase, putative, expressed	1.3	1.3	1.9
Os.20910.1.S1_at	LOC_Os02g32370	inositol hexaphosphate kinase, putative, expressed	2.1	1.6	1.8
Os.36122.2.S1_at	LOC_Os01g41650	pentatricopeptide, putative, expressed	1.2	1.6	2.2
Os.54269.1.S1_s_at	LOC_Os05g48060	phosphatidylserine synthase, putative, expressed	1	1.1	2.3
Os.50455.1.S1_at	LOC_Os06g40170	phospholipase D, putative, expressed	3.8	3	5.3
Os.22413.1.S1_at	LOC_Os03g59070	phosphatase, putative, expressed	1.1	1.4	1.2
Os.14998.1.S1_at	LOC_Os04g37670	steroid nuclear receptor, ligand-binding, putative, expressed	3.5	2.1	1.7
Os.50575.2.S1_x_at	LOC_Os04g40700	steroid nuclear receptor, ligand-binding, putative, expressed	1.6	1.1	2.1
Os.17130.1.S1_at	LOC_Os04g57540	adenylate kinase, putative, expressed	1.8	1.2	1.1
Os.10884.1.S1_at	LOC_Os03g58790	ATPase, putative, expressed	3.1	1	2.6
Os.26730.1.S1_at	LOC_Os07g48430	nucleoside-triphosphatase, putative, expressed	1.7	1.1	1.3
Os.50554.1.S1_at	LOC_Os07g09630	oxidoreductase, putative, expressed	2.7	1.8	3.2

Os.10695.1.S1_at	LOC_Os02g53790	adenylate kinase, putative, expressed	1.8	1.5	1.2
Os.10930.1.S1_at	LOC_Os02g41670	phenylalanine ammonia-lyase, putative, expressed	4.5	3	3.1
Os.5365.1.S1_at	LOC_Os02g21040	aspartic proteinase nepenthesin precursor, putative, expressed	3.4	1.7	1.9
Os.26626.1.S1_at	LOC_Os05g33400	basic 7S globulin precursor, putative, expressed	5	2.5	1.8
Os.12286.1.S1_at	LOC_Os03g52690	CBS domain containing membrane protein, putative, expressed	-2.8	-4.2	-2.7
Os.47761.1.S1_at	LOC_Os03g13300	glutamate decarboxylase, putative, expressed	2.6	5.6	4.4
OsAffx.29513.1.S1_at	LOC_Os08g34700	GDU1, putative, expressed	-3.2	-2.8	-2.3
Os.5028.1.S1_at	LOC_Os02g48870	aspartic proteinase nepenthesin-2 precursor, putative, expressed	1.7	1.5	3.3
Os.27824.1.S1_at	LOC_Os09g28000	OsSigP6 - Putative Type I Signal Peptidase homologue; employs a putative Ser/Lys catalytic dyad, expressed	1.6	1.5	1.6
Os.50466.1.S1_at	LOC_Os02g41630	phenylalanine ammonia-lyase, putative, expressed	-1	-2.2	-2.1
Os.52536.1.S1_at	LOC_Os04g43800	phenylalanine ammonia-lyase, putative, expressed	5	2.2	2.6
Os.11417.1.S1_at	LOC_Os02g26810	cytochrome P450, putative, expressed	2.1	1	1.3
Os.12145.1.S1_at	LOC_Os02g47470	cytochrome P450, putative, expressed	1.4	2.4	1.8
Os.14105.1.S1_at	LOC_Os11g05380	cytochrome P450, putative, expressed	7.5	2.9	3.2
Os.17265.1.S1_at	LOC_Os01g29150	cytochrome P450 72A1, putative, expressed	-1.3	-2.6	-1.9
Os.51923.1.S1_at	LOC_Os12g05440	cytochrome P450, putative, expressed	9.1	2.7	1.7
Os.52963.1.S1_at	LOC_Os04g08824	cytochrome P450, putative, expressed	-4.9	-4.5	-2.4
Os.52963.2.S1_at	LOC_Os04g08824	cytochrome P450, putative, expressed	-4.3	-3	-1.9
Os.5542.1.S1_at	LOC_Os02g43360	cytochrome b5-like Heme/Steroid binding domain containing protein, expressed	2.7	3.7	2.1
Os.9067.1.S1_at	LOC_Os07g44140	cytochrome P450 72A1, putative, expressed	3.9	1.7	2.6
Os.26843.1.S1_at	LOC_Os12g38920	heparanase-like protein precursor, putative, expressed	1.2	1.3	1

Os.7335.1.S1_at	LOC_Os02g36340	riboflavin biosynthesis protein ribAB, chloroplast precursor, putative, expressed	1.8	1.9	1.9
Os.10348.1.S1_at	LOC_Os01g41430	UDP-glucuronosyl and UDP-glucosyl transferase, putative, expressed	3	3.4	1.8
Os.11952.1.S1_at	LOC_Os02g11070	3-ketoacyl-CoA synthase, putative, expressed	4.9	3	3.4
Os.12948.1.S1_at	LOC_Os02g08420	cinnamoyl CoA reductase, putative, expressed	3.2	1.2	1.4
Os.27794.1.S1_at	LOC_Os04g27190	terpene synthase, putative, expressed	-3.2	-2.2	-3.7
Os.53814.1.S1_at	LOC_Os09g04050	dehydrogenase, putative, expressed	1	2.2	1.7
Os.53946.1.S1_at	LOC_Os08g41440	UDP-glucuronate 4-epimerase, putative, expressed	1.9	1.3	1.7
Os.7510.1.S1_at	LOC_Os10g41020	flavonol synthase/flavanone 3-hydroxylase, putative, expressed	1.9	1.3	1.7
Os.9286.1.S1_at	LOC_Os06g39750	3-ketoacyl-CoA synthase, putative, expressed	2.4	1.3	1.6
OsAffx.13994.1.S1_at	LOC_Os04g27430	terpene synthase, putative, expressed	-3.5	-4.4	-8.3
OsAffx.3920.1.S1_at	LOC_Os04g27670	terpene synthase family, metal binding domain containing protein, expressed	3.1	4	2.3
Os.11262.2.S1_x_at	LOC_Os04g32920	potassium transporter, putative, expressed	2.3	3.3	2.8
Os.50428.1.S1_at	LOC_Os04g11820	white-brown complex homolog protein, putative, expressed	3.5	2.1	2.9
Os.26802.1.S1_at	LOC_Os12g08130	amino acid transporter, putative, expressed	3.3	1.7	1.6
Os.26802.2.S1_at	LOC_Os12g08090	amino acid transporter, putative, expressed	2.2	1.1	1.3
Os.1193.1.S1_at	LOC_Os04g43070	ammonium transporter protein, putative, expressed	2.1	1.4	2.3
Os.52796.2.S1_x_at	LOC_Os03g62200	ammonium transporter protein, putative, expressed	2	5.7	5.6
Os.17247.1.S1_at	LOC_Os02g55970	ANTH, putative, expressed	3.1	3.6	3.2
OsAffx.14324.1.S1_at	LOC_Os04g48290	MATE efflux family protein, putative, expressed	3.8	2.9	2.4
Os.19186.1.S1_at	LOC_Os02g57620	Citrate transporter protein, putative, expressed	-1.7	-1.2	-1
Os.11333.1.S1_s_at	LOC_Os02g37320	heavy metal associated domain containing protein, expressed	4.1	2.5	3.1

Os.12082.1.S1_at	LOC_Os04g39010	heavy metal associated domain containing protein, expressed	3.2	2.8	1.9
Os.38169.1.S1_a_at	LOC_Os11g43860	sodium/calcium exchanger protein, putative, expressed	-1.3	-1.1	-1
Os.20614.3.S1_x_at	LOC_Os10g41838	F-box protein interaction domain containing protein, expressed	4.7	3.7	7.2
Os.29907.1.S1_at	LOC_Os01g48800	purine permease, putative, expressed	-2.8	-2.1	-1.4
Os.609.3.S1_a_at	LOC_Os08g37670	plastocyanin-like domain containing protein, putative, expressed	2.7	1.6	1.4
Os.54485.1.S1_at	LOC_Os05g50770	C4-dicarboxylate transporter/malic acid transport protein, expressed	5	3	1.7
Os.46832.1.S1_at	LOC_Os10g28240	calcium-transporting ATPase, plasma membrane-type, putative, expressed	3.4	3.7	3.6
Os.7607.1.S1_at	LOC_Os07g47480	heavy metal-associated domain containing protein, expressed	-2.1	-1.6	-1.6
Os.20354.1.S1_at	LOC_Os03g45370	sodium/calcium exchanger protein, putative, expressed	1.6	1.7	2.1
Os.7115.1.S1_a_at	LOC_Os04g57200	heavy metal transport/detoxification protein, putative, expressed	2.6	1.7	1.3
OsAffx.6057.1.S1_s_at	LOC_Os08g37370	mitochondrial carrier protein, putative, expressed	1.6	1	1.2
Os.26932.1.S1_at	LOC_Os07g37320	transporter family protein, putative, expressed	3.7	1.2	2.5
Os.11800.1.S1_at	LOC_Os01g50100	ABC transporter, ATP-binding protein, putative, expressed	4.4	6.3	3.2
Os.23745.1.S1_at	LOC_Os04g13220	ABC transporter family protein, putative, expressed	1.6	1.2	1.5
Os.15360.1.S1_at	LOC_Os04g41320	nucleotide-sugar transporter family protein, putative, expressed	2.3	1.9	2
Os.52201.1.S1_at	LOC_Os04g41320	nucleotide-sugar transporter family protein, putative, expressed	1.9	1.6	1.8
Os.55618.1.S1_at	LOC_Os07g37454	urate anion exchanger, putative, expressed	5	5.8	5.6
Os.467.1.S1_a_at	LOC_Os01g42380	pleiotropic drug resistance protein, putative, expressed	5.6	3.4	3.2
Os.470.1.S1_s_at	LOC_Os01g42410	pleiotropic drug resistance protein, putative, expressed	2.7	1.4	2
Os.17020.1.S1_x_at	LOC_Os08g29570	pleiotropic drug resistance protein 3, putative, expressed	3.9	2.7	2.4
Os.11525.1.S1_s_at	LOC_Os03g48180	peptide transporter PTR2, putative, expressed	1	1.3	1.7
Os.18745.1.S1_at	LOC_Os03g60880	nucleobase-ascorbate transporter, putative, expressed	3.7	5.2	2.3
Os.23183.1.S1_at	LOC_Os09g28160	phosphate carrier protein, mitochondrial precursor, putative, expressed	3	1.5	3.1



OsAffx.31541.1.S1_s_at	LOC_Os11g01610	prenylated rab acceptor, putative, expressed	4.3	1.6	3.5
Os.26062.1.S1_a_at	LOC_Os02g58080	transporter, major facilitator family, putative, expressed	1.5	1.1	1.3
Os.316.1.S1_at	LOC_Os07g01560	transporter family protein, putative, expressed	1.1	1.1	1
Os.11851.1.S1_at	LOC_Os03g11900	transporter family protein, putative, expressed	3	2.1	2.5
Os.17652.1.S1_s_at	LOC_Os03g43720	transporter family protein, putative, expressed	-1	-1.1	-2.1
Os.17652.1.S2_s_at	LOC_Os03g43720	transporter family protein, putative, expressed	-1	-1.1	-2.1
Os.5210.1.S1_at	LOC_Os08g39370	citrate transporter, putative, expressed	-1.8	-2.6	-1.6
Os.14869.1.S1_at	LOC_Os01g49120	MATE efflux family protein, putative, expressed	1.7	1.7	1.9
Os.53242.1.S1_at	LOC_Os02g52180	plastocyanin-like domain containing protein, putative, expressed	-1.4	-2.1	-1.4
Os.27175.1.S1_a_at	LOC_Os07g12890	metal cation transporter, putative, expressed	5.3	1.9	1.6
Os.29959.1.S1_at	LOC_Os07g01810	potassium channel protein, putative, expressed	-2.8	-1.9	-2
Os.4775.2.S1_at	LOC_Os01g04370	hsp20/alpha crystallin family protein, putative, expressed	1.4	1.2	1.6
Os.54493.1.S1_at	LOC_Os06g14490	calmodulin-binding heat-shock protein, putative, expressed	1.7	1.8	2.2
Os.12257.1.S1_at	LOC_Os02g52150	heat shock 22 kDa protein, mitochondrial precursor, putative, expressed	2.1	1.9	1.3
Os.38581.1.S1_s_at	LOC_Os05g38530	DnaK family protein, putative, expressed	1.8	1.3	1.1
Os.11029.1.S1_at	LOC_Os03g16860	DnaK family protein, putative, expressed	2.9	1.4	1.1
Os.23778.1.S1_at	LOC_Os02g32590	HSF-type DNA-binding domain containing protein, expressed	3.2	2.4	1.7
Os.39876.1.S1_at	LOC_Os04g48030	heat stress transcription factor B-1, putative, expressed	1.9	2.3	1.2
Os.27176.1.S1_at	LOC_Os09g28354	CPuORF39 - conserved peptide uORF-containing transcript, expressed	1.1	1.5	2.5
Os.11941.1.S1_at	LOC_Os09g35790	HSF-type DNA-binding domain containing protein, expressed	1.2	2.3	1.5
Os.11941.2.S1_at	LOC_Os09g35790	HSF-type DNA-binding domain containing protein, expressed	1.2	2.9	2.9
Os.14195.1.S1_at	LOC_Os03g19200	DNAJ heat shock N-terminal domain-containing protein, putative, expressed	4	2.2	1.9

Os.10942.1.S1_a_at	LOC_Os10g28340	heat stress transcription factor, putative, expressed	1.1	2	2.3
Os.40018.1.S1_at	LOC_Os05g45410	HSF-type DNA-binding domain containing protein, expressed	3.8	2.3	3
Os.50642.1.S1_at	LOC_Os04g48030	heat stress transcription factor B-1, putative, expressed	1.5	2.2	2.5
Os.52661.1.S1_at	LOC_Os11g44680	calmodulin binding protein, putative, expressed	4.9	3	2.4
Os.9073.1.S1_at	LOC_Os01g57470	EF hand family protein, putative, expressed	4.2	7.1	4.4
Os.14996.2.S1_a_at	LOC_Os04g42430	EF hand family protein, putative, expressed	1.6	1	1
Os.11931.1.S1_s_at	LOC_Os06g47130	C2 domain containing protein, expressed	1.3	1.2	1.1
Os.20355.1.S1_at	LOC_Os01g72100	OsCML10 - Calmodulin-related calcium sensor protein, expressed	1.7	1.7	1.1
Os.16401.1.S1_at	LOC_Os03g21380	OsCML27 - Calmodulin-related calcium sensor protein, expressed	1.8	1.4	1.6
Os.15688.1.S1_at	LOC_Os12g36110	calmodulin binding protein, putative, expressed	2.7	2.2	2.2
Os.15688.2.S1_x_at	LOC_Os12g36110	calmodulin binding protein, putative, expressed	2.8	2.5	2.3
Os.17887.1.S1_at	LOC_Os12g36910	calmodulin binding protein, putative, expressed	2.8	1.7	1.8
Os.5356.1.S1_at	LOC_Os01g38980	calmodulin-binding protein, putative, expressed	3.8	2.8	2
Os.6364.1.S1_at	LOC_Os10g27170	calmodulin-binding protein, putative, expressed	-1.4	-1.9	-1.5
OsAffx.5948.1.S1_at	LOC_Os08g27170	calmodulin binding protein, putative, expressed	6.4	2.5	3.5
Os.31290.1.S1_at	LOC_Os07g42740	DUF1645 domain containing protein, putative, expressed	2.6	1.5	2.2
Os.8889.1.S1_at	LOC_Os05g50180	OsCML14 - Calmodulin-related calcium sensor protein, expressed	1.7	3	1.4
Os.17445.1.S1_s_at	LOC_Os03g27080	calmodulin-binding transcription activator 2, putative, expressed	1.4	1.7	2.1
Os.12000.1.S1_at	LOC_Os01g72080	calmodulin-like protein 1, putative, expressed	1.1	1.1	1.1
Os.18922.2.S1_at	LOC_Os01g72530	OsCML31 - Calmodulin-related calcium sensor protein, expressed	1.2	1.9	1.2
Os.5101.1.S1_at	LOC_Os05g13580	OsCML18 - Calmodulin-related calcium sensor protein, expressed	2.4	2.6	2
Os.20863.1.S1_at	LOC_Os01g62980	LTPL101 - Protease inhibitor/seed storage/LTP family protein precursor, expressed	-1.3	-3.2	-1.8

OsAffx.27357.1.S1_at	LOC_Os05g47770	serine/threonine-protein kinase At1g18390 precursor, putative, expressed	5.5	3.4	1.6
Os.13497.1.S2_at	LOC_Os03g13820	protein kinase family protein, putative, expressed	1.6	1.3	1.3
Os.14381.2.S1_x_at	LOC_Os03g28300	protein kinase domain containing protein, expressed	-2.4	-2.8	-1.9
Os.24364.1.A1_s_at	LOC_Os02g51860	dehydration response related protein, putative, expressed	2.3	1.8	1.1
Os.2528.1.S1_x_at	LOC_Os10g37500	AAA-type ATPase family protein, putative, expressed	2.2	1.3	1.8
Os.9205.1.S1_x_at	LOC_Os03g62340	protein kinase family protein, putative, expressed	1.4	1	2.1
OsAffx.27980.1.S1_at	LOC_Os06g37620	protein kinase family protein, putative, expressed	2.5	1.9	2
Os.17533.1.S1_at	LOC_Os11g08950	protein kinase family protein, putative, expressed	-1.6	-1.6	-2.4
Os.648.1.S1_at	LOC_Os01g43480	AAA-type ATPase family protein, putative, expressed	1.9	1.2	1.6
Os.14381.1.S1_at	LOC_Os03g28300	protein kinase domain containing protein, expressed	-2.4	-4	-2.7
Os.54207.1.S1_at	LOC_Os03g03280	TKL_IRAK_CrRLK1L-1.6 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog, expressed	2.4	1.3	1.2
Os.27195.1.S1_at	LOC_Os07g34640	pyruvate Pi dikinase regulatory protein, putative, expressed	2.4	3	2.2
Os.282.1.S1_a_at	LOC_Os04g49510	CAMK_CAMK_like.27 - CAMK includes calcium/calmodulin dependent protein kinases, expressed	1	1.4	2
Os.282.2.S1_a_at	LOC_Os04g49510	CAMK_CAMK_like.27 - CAMK includes calcium/calmodulin dependent protein kinases, expressed	1.1	1.2	1.4
Os.53349.1.S1_at	LOC_Os03g57450	CAMK_CAMK_like.2 - CAMK includes calcium/calmodulin dependent protein kinases, expressed	1.5	1.9	1.7
Os.2355.1.S1_at	LOC_Os02g03410	CAMK_CAMK_like.12 - CAMK includes calcium/calmodulin dependent protein kinases, expressed	1.7	1.5	2.5
OsAffx.12721.1.S1_at	LOC_Os03g03510	CAMK_KIN1/SNF1/Nim1_like.15 - CAMK includes calcium/calmodulin dependent protein kinases, expressed	1	1.3	1
Os.5431.1.S1_at	LOC_Os04g49690	FERONIA receptor-like kinase, putative, expressed	5	1.7	1.3

Os.54803.1.S1_at	LOC_Os08g03070	lectin-like receptor kinase 1, putative, expressed	2.4	2.6	3.6
Os.46490.1.S1_at	LOC_Os10g30540	lectin-like receptor kinase, putative, expressed	2.2	1.6	1.3
Os.18085.1.S1_at	LOC_Os04g44900	lectin-like receptor kinase, putative, expressed	2.2	1.4	1.7
Os.24927.1.S1_at	LOC_Os03g56160	lectin-like receptor kinase 7, putative, expressed	1.5	2.6	2.7
Os.48817.1.A1_at	LOC_Os04g45730	protein kinase domain containing protein, expressed	3.7	2.2	3.7
Os.42801.1.S1_at	LOC_Os07g42626	STRUBBELIG-RECEPTOR FAMILY 6 precursor, putative, expressed	-1.2	-2.2	-2.6
Os.11617.1.S1_at	LOC_Os05g49140	CGMC_MAPKCMGC_2.8 - CGMC includes CDA, MAPK, GSK3, and CLKC kinases, expressed	1.5	1.6	1.9
Os.406.1.S1_a_at	LOC_Os03g17700	CGMC_MAPKCGMC_2_ERK.2 - CGMC includes CDA, MAPK, GSK3, and CLKC kinases, expressed	3	3	2.8
Os.27382.2.S1_at	LOC_Os02g02120	OsWAK11 - OsWAK receptor-like protein kinase, expressed	2.8	2.2	3.3
Os.49913.1.S1_at	LOC_Os02g56380	OsWAK21 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK, expressed	6.9	4.9	2.1
Os.49528.2.S1_at	LOC_Os04g44910	receptor like protein kinase, putative, expressed	1.5	1	1.9
Os.18692.1.S1_at	LOC_Os02g43290	protein kinase domain containing protein, expressed	2.6	1.7	1.4
Os.49849.1.S1_at	LOC_Os09g27010	tyrosine protein kinase domain containing protein, putative, expressed	1.3	3.4	2.4
Os.54867.1.S1_at	LOC_Os09g27010	tyrosine protein kinase domain containing protein, putative, expressed	2.5	2.2	2.3
Os.11183.1.S1_s_at	LOC_Os06g18000	protein kinase domain containing protein, expressed	3.6	1.2	1.5
Os.27110.1.A1_at	LOC_Os11g44560	protein kinase domain containing protein, expressed	4.1	1.5	2.4
Os.32801.1.S1_x_at	LOC_Os06g18000	protein kinase domain containing protein, expressed	3.5	1.4	1.1
OsAffx.3879.1.S1_x_at	LOC_Os04g24300	OsWAK35a - OsWAK short gene, expressed	3.3	4.9	1.3
Os.33613.1.S1_at	LOC_Os01g06280	TKL_IRAK_CrRLK1L-1.4 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog, expressed	3.7	2.8	2.7
Os.27517.1.A1_s_at	LOC_Os11g14140	OsFBK25 - F-box domain and kelch repeat containing protein, expressed	-2	-2	-1

Os.16895.1.A1_at	LOC_Os03g17300	TKL_IRAK_CrRLK1L-1.7 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog, expressed	1.6	1.1	1.2
Os.21870.1.S1_at	LOC_Os02g45750	protein kinase domain containing protein, expressed	1.9	1.7	2.2
Os.32267.1.S1_at	LOC_Os01g56330	TKL_IRAK_CrRLK1L-1.5 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog, expressed	1.8	1	1.8
Os.41776.1.S1_at	LOC_Os01g47730	ras-related protein, putative, expressed	2.1	1.1	1.3
Os.27046.1.S1_at	LOC_Os01g02300	receptor kinase ORK10, putative, expressed	3.3	1.7	1.3
Os.27046.2.S1_x_at	LOC_Os01g02300	receptor kinase ORK10, putative, expressed	4.2	2.2	1.3
Os.47360.1.S1_x_at	LOC_Os01g49920	protein kinase, putative, expressed	1.7	1.7	2.8
Os.26411.1.A1_at	LOC_Os08g28710	receptor protein kinase CRINKLY4 precursor, putative, expressed	7.4	4.8	1.5
Os.50750.1.S1_at	LOC_Os03g02190	protein kinase domain containing protein, expressed	-2.8	-1	-1.8
Os.51954.1.S1_at	LOC_Os01g54700	retrotransposon protein, putative, unclassified, expressed	3.6	1.8	2
Os.10619.1.S2_at	LOC_Os05g44770	receptor-like protein kinase 5 precursor, putative, expressed	4.3	3.1	3.8
Os.11775.1.S2_at	LOC_Os01g53920	receptor-like protein kinase 5 precursor, putative, expressed	5.1	2.7	2.4
Os.46800.1.S1_a_at	LOC_Os10g33040	receptor-like protein kinase precursor, putative, expressed	2.9	2.5	3.2
Os.46800.1.S2_a_at	LOC_Os10g33040	receptor-like protein kinase precursor, putative, expressed	3.2	2.3	2.8
Os.31858.3.S1_x_at	LOC_Os07g35340	TKL_IRAK_DUF26-lc.14 - DUF26 kinases have homology to DUF26 containing loci, expressed	4.3	3.1	1.6
Os.2436.1.S1_at	LOC_Os11g10290	S-domain receptor-like protein kinase, putative, expressed	5.2	2.6	3
Os.1978.1.S1_at	LOC_Os01g02290	Ser/Thr receptor-like kinase, putative, expressed	4.6	2.7	1.3
Os.48695.1.S1_x_at	LOC_Os07g35390	TKL_IRAK_DUF26-lc.17 - DUF26 kinases have homology to DUF26 containing loci, expressed	3.1	2.1	1.1
Os.47874.1.S1_at	LOC_Os04g51950	serine/threonine-protein kinase HT1, putative, expressed	1.8	1.2	1.7
Os.39168.1.S1_at	LOC_Os02g02600	serine/threonine-protein kinase Cx32, chloroplast precursor, putative,	1.9	1.3	1.3

expressed					
Os.17034.1.S1_at	LOC_Os09g36320	tyrosine protein kinase domain containing protein, putative, expressed	2.3	2.1	2.6
Os.49354.1.S1_at	LOC_Os07g48730	tyrosine protein kinase domain containing protein, putative, expressed	2.9	3.7	2.9
Os.27484.1.S1_at	LOC_Os02g06930	protein kinase, putative, expressed	4.2	3.3	2.5
Os.4555.1.S1_at	LOC_Os04g52840	tyrosine protein kinase domain containing protein, putative, expressed	2.1	1.6	1.9
Os.45938.1.S1_at	LOC_Os03g15770	tyrosine protein kinase domain containing protein, putative, expressed	2.1	1.8	1.5
Os.16320.1.S1_at	LOC_Os07g39520	STE_PAK_Ste20_Slob_Wnk.5 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast, expressed	1.6	1.1	1.4
Os.57529.1.S1_at	LOC_Os04g53994	kinase, putative, expressed	2.4	2.8	3.3
Os.21066.1.S1_at	LOC_Os03g56250	LRR receptor-like protein kinase, putative, expressed	2.4	1	1.8
Os.10384.1.S1_at	LOC_Os03g10950	protein phosphatase 2C, putative, expressed	4.2	1.2	1.2
Os.19321.1.S1_at	LOC_Os03g60650	protein phosphatase 2C, putative, expressed	3	2.4	2.5
Os.49657.1.S1_at	LOC_Os09g28560	protein phosphatase protein, putative, expressed	2.1	4.2	2.6
Os.22480.1.S1_at	LOC_Os02g35910	protein phosphatase protein, putative, expressed	1.8	1.5	2
Os.38297.1.S1_a_at	LOC_Os03g55320	protein phosphatase 2C, putative, expressed	1.9	2	1.8
Os.47314.1.S1_at	LOC_Os08g39100	protein phosphatase 2C, putative, expressed	-1.2	-1.1	-1.1
Os.45919.1.S1_at	LOC_Os07g45100	endonuclease/exonuclease/phosphatase family domain containing protein, expressed	1.6	1.4	2.9
Os.27538.1.S1_at	LOC_Os12g17430	NBS-LRR disease resistance protein, putative, expressed	3.3	2.6	1.2
Os.49413.1.A1_x_at	LOC_Os09g34150	NBS-LRR disease resistance protein, putative, expressed	4.4	2.3	3.1
Os.51991.1.S1_at	LOC_Os02g38392	NBS-LRR disease resistance protein, putative, expressed	3.5	2.2	3.4
Os.49400.1.S2_s_at	LOC_Os11g11960	disease resistance protein RPM1, putative, expressed	4.4	2	4.4
Os.54085.1.S1_at	LOC_Os11g12050	NBS-LRR type disease resistance protein, putative, expressed	2.9	2.4	2.9

OsAffx.30939.2.S1_s_at	LOC_Os11g11960	disease resistance protein RPM1, putative, expressed	4.8	3.2	1.7
Os.34741.1.S1_at	LOC_Os01g19130	protein phosphatase 2C, putative, expressed	1.5	1.3	1.4
OsAffx.12910.1.S1_at	LOC_Os03g18150	protein phosphatase 2C, putative, expressed	1.8	1.4	1.3
Os.27860.1.A1_at	LOC_Os01g53710	dual specificity protein phosphatase, putative, expressed	1.4	1.4	1.2
Os.10606.1.S1_a_at	LOC_Os01g48190	drought induced 19 protein, putative, expressed	1.7	1.5	1.5
Os.12153.1.S1_at	LOC_Os01g57470	EF hand family protein, putative, expressed	1.6	1.3	1
Os.42069.1.S1_x_at	LOC_Os01g55510	dynein light chain type 1 domain containing protein, expressed	2.2	5.7	4.1
Os.7916.1.S1_at	LOC_Os01g59150	tubulin/FtsZ domain containing protein, putative, expressed	-2	-1.3	-2.2
Os.46904.1.S1_x_at	LOC_Os01g59150	tubulin/FtsZ domain containing protein, putative, expressed	-1.2	-1.1	-1.8
Os.49141.1.S1_at	LOC_Os04g59560	tubulin folding cofactor B, putative, expressed	-1	-1.3	-1.3
Os.49634.1.S1_x_at	LOC_Os01g55510	dynein light chain type 1 domain containing protein, expressed	2.3	4	4.1
Os.5163.1.S1_at	LOC_Os02g50570	retrotransposon protein, putative, unclassified, expressed	3	2.8	2.8
Os.57196.1.S1_at	LOC_Os04g38880	dynein light chain type 1 domain containing protein, expressed	2.1	1	1.7
Os.6965.1.S1_at	LOC_Os03g19720	EF hand family protein, putative, expressed	2.2	1.5	1.5
Os.10054.1.S1_at	LOC_Os02g46650	ubiquitin carboxyl-terminal hydrolase domain containing protein, expressed	2.3	2.4	3
Os.4657.1.S1_at	LOC_Os02g50940	NHL repeat-containing protein, putative, expressed	1.6	1	1.6
Os.8901.1.S2_at	LOC_Os02g22130	expressed protein	1.8	1.1	1
Os.1438.1.S1_at	LOC_Os01g06590	zinc finger, C3HC4 type domain containing protein, expressed	1.7	1.5	1.7
Os.6205.2.S1_at	LOC_Os04g44820	zinc finger, C3HC4 type domain containing protein, expressed	-1	-1.1	-1.7
Os.9558.1.S1_s_at	LOC_Os02g45780	zinc finger, C3HC4 type domain containing protein, expressed	2.5	1.5	1.1
Os.3710.1.S1_at	LOC_Os02g35329	RING-H2 finger protein ATL3F, putative, expressed	2.6	2.5	2.3
Os.55469.1.S1_s_at	LOC_Os08g06090	zinc finger, C3HC4 type domain containing protein, expressed	-1.8	-1.7	-1.3
Os.11365.1.S1_at	LOC_Os02g52210	zinc finger, C3HC4 type domain containing protein, expressed	3	4	2.3

Os.9138.1.S1_at	LOC_Os09g36500	zinc finger, C3HC4 type domain containing protein, expressed	2.8	4.5	1.9
Os.37798.1.S1_at	LOC_Os01g11460	zinc finger, C3HC4 type domain containing protein, expressed	1.6	1.9	1.2
Os.45749.1.A1_at	LOC_Os01g20910	zinc finger, C3HC4 type domain containing protein, expressed	2	1.3	1.2
Os.55651.1.S1_at	LOC_Os06g11450	zinc finger, C3HC4 type domain containing protein, expressed	2.8	2.1	2.4
Os.20060.1.S1_at	LOC_Os03g05570	RING-H2 finger protein ATL3F, putative, expressed	2.2	1.3	1.9
Os.7731.1.S1_at	LOC_Os01g11520	RING-H2 finger protein, putative, expressed	2.7	1.2	1.5
OsAffx.24820.1.S1_at	LOC_Os02g50930	RING-H2 finger protein, putative, expressed	1.3	1.8	1.3
Os.57174.1.S1_at	LOC_Os07g38940	ubiquitin-conjugating enzyme, putative, expressed	-1.1	-1	-1
Os.1660.1.S1_at	LOC_Os01g02200	armadillo/beta-catenin repeat family protein, putative, expressed	-1.7	-1.2	-1.9
Os.8271.1.S1_at	LOC_Os01g67500	armadillo/beta-catenin repeat family protein, putative, expressed	-1.7	-1.6	-2
Os.6261.1.S1_at	LOC_Os05g01940	zinc finger, RING-type, putative, expressed	2	1.7	1.8
Os.11935.1.S1_at	LOC_Os02g32520	ERD1 protein, chloroplast precursor, putative, expressed	1.2	1.5	1.5
Os.11900.1.S1_at	LOC_Os02g37930	hypoxia-responsive family protein, putative, expressed	2	1.7	1.6
Os.23468.1.A1_at	LOC_Os09g27950	galactosyltransferase, putative, expressed	1.9	3.3	2.1
Os.9677.2.S1_x_at	LOC_Os01g62670	avr9/Cf-9 rapidly elicited protein, putative, expressed	2.8	2.7	2.5
Os.33238.2.S1_at	LOC_Os02g20970	C2 domain containing protein, putative, expressed	3.2	1.6	1.4
Os.51866.1.S1_at	LOC_Os11g10770	disease resistance protein RGA3, putative, expressed	1.1	1.4	1.5
Os.49895.1.S1_x_at	LOC_Os11g41170	disease resistance protein RPM1, putative, expressed	1.4	1.4	1.1
OsAffx.25172.1.S1_at	LOC_Os03g20840	disease resistance RPP13-like protein 1, putative, expressed	2.6	2	2.3
Os.14830.1.S1_a_at	LOC_Os01g63190	laccase precursor protein, putative, expressed	-2.1	-1	-1.6
Os.34130.1.S1_at	LOC_Os01g66510	MLO domain containing protein, putative, expressed	3.1	1.3	2.5
Os.6321.1.S1_at	LOC_Os01g63690	hsl, putative, expressed	4.7	2.2	1.8
Os.12163.1.S1_at	LOC_Os03g12510	non-symbiotic hemoglobin 2, putative, expressed	2.6	2.5	2.1



Os.49329.1.S1_at	LOC_Os02g35490	MLO domain containing protein, putative, expressed	4.4	3	2.4
Os.4327.1.S1_at	LOC_Os03g03700	MLO domain containing protein, putative, expressed	3.7	1.7	1.1
OsAffx.25525.1.S1_at	LOC_Os03g43880	PLA IIIA/PLP7, putative, expressed	2.6	1.7	3.7
Os.5031.1.S1_at	LOC_Os12g36830	pathogenesis-related Bet v I family protein, putative, expressed	6.7	9.9	3.5
Os.165.1.S1_at	LOC_Os12g36880	pathogenesis-related Bet v I family protein, putative, expressed	4.9	5.9	3.1
Os.46589.1.S1_at	LOC_Os10g17790	remorin C-terminal domain containing protein, putative, expressed	1.8	2.1	1.7
Os.21394.1.S1_at	LOC_Os02g24080	SNARE domain containing protein, putative, expressed	2.6	1.3	1.4
Os.6671.1.S1_a_at	LOC_Os05g39930	spotted leaf 11, putative, expressed	2.1	1.7	1.5
Os.6671.2.S1_x_at	LOC_Os05g39930	spotted leaf 11, putative, expressed	1.7	1.3	1.3
Os.8789.1.S1_at	LOC_Os08g44850	C2 domain containing protein, putative, expressed	1	1.5	1.2
Os.26945.1.S1_at	LOC_Os12g17090	stripe rust resistance protein Yr10, putative, expressed	1.6	1	1
Os.52260.1.S1_at	LOC_Os03g57310	syntaxin, putative, expressed	2.7	1.8	1.6
Os.46793.1.S1_at	LOC_Os10g05660	thaumatin, putative, expressed	4.5	2.4	2.2
Os.5299.2.S1_a_at	LOC_Os05g37970	universal stress protein domain containing protein, putative, expressed	2.1	2.1	1.8
Os.8355.1.S1_a_at	LOC_Os01g61690	OsSCP5 - Putative Serine Carboxypeptidase homologue, expressed	2.4	6.1	3.5
Os.7664.1.S1_at	LOC_Os02g56900	thioredoxin family protein, putative, expressed	1.6	1.7	1.5
Os.4698.1.S1_at	LOC_Os01g70770	glutathione S-transferase, putative, expressed	2.5	2.3	1.7
Os.17522.1.S1_s_at	LOC_Os10g37290	DEFL6 - Defensin and Defensin-like DEFL family, expressed	-2.7	-3.8	-1.3
Os.53936.1.S1_at	LOC_Os03g15270	gibberellin receptor GID1L2, putative, expressed	2.9	1.6	1.8
Os.12119.1.S1_at	LOC_Os01g64470	harpin-induced protein 1 domain containing protein, expressed	4.2	3.7	2.3
Os.51479.1.S1_at	LOC_Os09g25720	glycine-rich cell wall structural protein 2 precursor, putative, expressed	3.4	3.5	2.1
OsAffx.18589.1.S1_s_at	LOC_Os10g40480	LTPL143 - Protease inhibitor/seed storage/LTP family protein precursor, expressed	3.7	2.8	1.5

OsAffx.13359.1.S1_at	LOC_Os03g45250	2-aminoethanethiol dioxygenase, putative, expressed	3.9	4.6	6.6
Os.22076.1.S1_a_at	LOC_Os01g62430	C2 domain containing protein, putative, expressed	7.8	3.3	1.5
Os.9065.1.S1_at	LOC_Os04g35130	expressed protein	2.6	1.6	1.3
Os.50598.1.S1_at	LOC_Os12g03370	harpin-induced protein 1 domain containing protein, expressed	2.4	1.5	3.9
Os.55637.1.S1_at	LOC_Os05g45070	harpin-induced protein 1 domain containing protein, expressed	5.8	4.2	5.6
Os.6244.1.S1_at	LOC_Os03g13740	immediate-early fungal elicitor protein CMPG1, putative, expressed	6.6	3.2	2.6
Os.12746.1.S1_at	LOC_Os01g54510	MAC/Perforin domain containing protein, putative, expressed	1.7	1	1.2
Os.49198.1.S1_at	LOC_Os04g58090	harpin-induced protein 1 domain containing protein, expressed	3.7	2.8	2.1
Os.35510.1.S1_at	LOC_Os02g01220	rhodanese-like domain containing protein, putative, expressed	-3	-1.3	-1
Os.12240.1.S1_at	LOC_Os02g52010	phosphate-induced protein 1 conserved region domain containing protein, expressed	2.3	3.4	2.8
Os.32498.1.S1_at	LOC_Os08g06170	berberine and berberine like domain containing protein, expressed	5.5	5.3	1.1
Os.7228.1.S1_at	LOC_Os02g51970	phosphate-induced protein 1 conserved region domain containing protein, expressed	3	3.8	3.5
Os.9194.1.S1_at	LOC_Os02g52040	phosphate-induced protein 1 conserved region domain containing protein, expressed	2.6	4	2.4
Os.50379.1.S1_at	LOC_Os11g04830	embryogenesis transmembrane protein, putative, expressed	3.8	2.6	2.6
Os.53236.1.S1_at	LOC_Os02g43170	B-box zinc finger family protein, putative, expressed	2.5	2.5	2
Os.8545.1.S1_at	LOC_Os01g19940	expressed protein	2.3	2.6	2.6
Os.7151.1.S1_at	LOC_Os04g18090	histone H1, putative, expressed	-1.3	-1.9	-1.1
OsAffx.28093.1.S1_at	LOC_Os06g44040	DOMON domain containing protein, expressed	1.7	1.7	1.8
Os.11725.1.S1_at	LOC_Os09g13940	AP2 domain containing protein, expressed	-2	-1.1	-1.3
OsAffx.2967.1.S1_at	LOC_Os02g45420	AP2 domain containing protein, expressed	2.7	3	2.1

<u>Os.30670.2.S1_x_at</u>	LOC_Os07g22730	AP2 domain containing protein, expressed	1.8	1.3	1.1
Os.4804.1.S1_at	LOC_Os06g07030	AP2 domain containing protein, expressed	-2.5	-1.7	-1.8
Os.4463.1.S1_s_at	LOC_Os06g03670	dehydration-responsive element-binding protein, putative, expressed	2.4	3.8	1.6
Os.51078.1.S1_at	LOC_Os02g45450	dehydration-responsive element-binding protein, putative, expressed	3	3.2	1.6
Os.5816.1.S1_at	LOC_Os09g35010	dehydration-responsive element-binding protein, putative, expressed	2.2	2.3	1.1
Os.55643.1.S1_at	LOC_Os04g46440	AP2 domain containing protein, expressed	1.3	3.1	1.6
Os.57527.1.S1_at	LOC_Os04g48350	dehydration-responsive element-binding protein, putative, expressed	1.1	3.2	2.1
Os.6328.1.S1_at	LOC_Os04g41570	ethylene-responsive protein related, putative, expressed	2.1	1.9	1.6
Os.8920.1.S1_at	LOC_Os07g47790	AP2 domain containing protein, expressed	3.4	2.9	1.6
Os.4893.1.S1_at	LOC_Os05g29810	AP2 domain containing protein, expressed	3.2	2.8	2.4
Os.53660.1.S1_at	LOC_Os02g43790	ethylene-responsive transcription factor, putative, expressed	1.3	1.1	1.5
Os.57381.1.S1_at	LOC_Os03g22170	AP2 domain containing protein, expressed	1.6	2.9	1.7
Os.8031.1.S1_at	LOC_Os01g21120	AP2 domain containing protein, expressed	2.3	3.9	2.4
Os.5338.1.S1_at	LOC_Os10g30150	universal stress protein domain containing protein, putative, expressed	1.9	5.7	1.2
OsAffx.27278.1.S1_at	LOC_Os05g41760	AP2 domain containing protein, expressed	1.2	1.5	1.4
Os.30670.1.S1_at	LOC_Os07g22730	AP2 domain containing protein, expressed	2.6	1.6	1.6
Os.55386.1.A1_at	LOC_Os10g41330	AP2 domain containing protein, expressed	3	6.3	5.7
Os.14125.1.S1_at	LOC_Os09g35030	dehydration-responsive element-binding protein, putative, expressed	2.1	2.8	1.5
Os.51427.1.S1_at	LOC_Os04g55980	glycine-rich RNA-binding, abscisic acid-inducible protein, putative, expressed	5.8	4.3	6.3
Os.39652.1.S1_at	LOC_Os09g37330	OsSAUR39 - Auxin-responsive SAUR gene family member, expressed	-3.4	-1.5	-2.3
Os.26512.1.S1_at	LOC_Os03g58350	OsIAA14 - Auxin-responsive Aux/IAA gene family member, expressed	-2.1	-4.7	-3.4
Os.8622.1.S1_at	LOC_Os07g08460	OsIAA24 - Auxin-responsive Aux/IAA gene family member, expressed	-3.1	-3.8	-1.8

Os.11798.1.S1_at	LOC_Os07g40290	OsGH3.8 - Probable indole-3-acetic acid-amido synthetase, expressed	3.8	2.4	2
OsAffx.23807.1.S1_x_at	LOC_Os01g56240	OsSAUR2 - Auxin-responsive SAUR gene family member, expressed	5.5	4	2.9
Os.11194.1.S1_at	LOC_Os08g35190	auxin-repressed protein, putative, expressed	-1.5	-1.1	-1.7
Os.26629.1.S1_a_at	LOC_Os11g14190	ARGOS, putative, expressed	-1.5	-1.1	-2.2
Os.14965.1.S1_at	LOC_Os04g02754	amidase family protein, putative, expressed	2	1.1	1.3
Os.6876.1.S1_at	LOC_Os04g38950	class I glutamine amidotransferase, putative, expressed	2.7	1.6	1.6
Os.14079.1.S1_at	LOC_Os03g58320	indole-3-glycerol phosphate lyase, chloroplast precursor, putative, expressed	2	2	2.2
Os.52733.1.S1_at	LOC_Os04g03980	Osyucca7,flavin monooxygenase, putative, expressed	-2.7	-5.9	-1.8
Os.6101.1.S1_at	LOC_Os04g12970	UDP-glucuronosyl/UDP-glucosyl transferase, putative, expressed	3.7	3.8	5.1
Os.7203.1.S1_at	LOC_Os01g63230	growth regulator related protein, putative, expressed	1.5	2.2	2.2
OsAffx.15372.1.S1_x_at	LOC_Os06g11600	growth regulator related protein, putative, expressed	1.5	1.6	1.4
Os.12637.1.S1_at	LOC_Os04g46180	AGC_PVPK_like_kin82y.11 - ACG kinases include homologs to PKA, PKG and PKC, expressed	-1.4	-2	-1.5
Os.23942.1.A1_at	LOC_Os02g35180	OsRR2 type-A response regulator, expressed	-1.1	-1.2	-1.9
Os.8117.1.S1_at	LOC_Os04g36070	OsRR1 type-A response regulator, expressed	-1.7	-1.1	-2.4
Os.37430.1.S1_at	LOC_Os11g04720	OsRR10 type-A response regulator, expressed	-1.1	-1	-1.4
Os.53614.1.S1_at	LOC_Os02g51930	cytokinin-O-glucosyltransferase 2, putative, expressed	1.2	2.7	1
Os.51664.1.S1_at	LOC_Os06g11720	cytokinin-O-glucosyltransferase 2, putative, expressed	5	2.3	3.2
Os.11046.1.S1_at	LOC_Os06g39240	endothelial differentiation-related factor 1, putative, expressed	1.9	3.9	1.9
Os.11230.1.S1_s_at	LOC_Os05g03040	AP2 domain containing protein, expressed	-1.5	-1.4	-1.5
Os.12183.1.S1_at	LOC_Os04g33030	protein binding protein, putative, expressed	-1	-2.6	-2.1
Os.17487.1.S1_at	LOC_Os03g50310	CCT/B-box zinc finger protein, putative, expressed	-1.2	-1.3	-1.3

Os.18714.1.S1_a_at	LOC_Os10g14920	integral membrane protein DUF6 containing protein, expressed	-3.3	-2	-2.7
Os.22478.2.S1_at	LOC_Os01g60650	non-green plastid inner envelope membrane protein, putative, expressed	1.3	1.2	1.6
Os.22577.1.S1_x_at	LOC_Os01g32770	DUF260 domain containing protein, putative, expressed	1.5	1.8	1.6
Os.3340.1.S1_a_at	LOC_Os06g24070	myb-like DNA-binding domain containing protein, expressed	-2.2	-1	-1
Os.38638.4.S1_s_at	LOC_Os06g05020	early nodulin 93 ENOD93 protein, putative, expressed	2.3	3.4	1.8
Os.38856.1.A1_s_at	LOC_Os01g67950	ubiquitin family protein, putative, expressed	2.6	3.7	2.7
Os.4404.1.S1_at	LOC_Os06g01966	auxin-induced protein 5NG4, putative, expressed	-1.7	-1.4	-1.7
Os.8859.1.S1_s_at	LOC_Os07g07990	uncharacterized protein At4g06744 precursor, putative, expressed	2.4	1.1	1
Os.1054.1.A1_at	LOC_Os01g02900	glycosyltransferase, putative, expressed	1.2	2.7	2.3
Os.11749.1.S1_at	LOC_Os03g08860	GRAM domain containing protein, expressed	1.5	1.1	1.2
Os.11983.1.S1_at	LOC_Os03g04110	lysM domain-containing GPI-anchored protein precursor, putative, expressed	1	1.8	1.9
Os.140.3.S1_x_at	LOC_Os04g58810	CAF1 family ribonuclease containing protein, putative, expressed	2.8	1.6	1.6
Os.19370.1.S1_at	LOC_Os08g39060	F-box protein At-B, putative, expressed	-1.1	-1	-1.3
Os.2019.1.S1_at	LOC_Os01g50460	nodulin MtN3 family protein, putative, expressed	-4.6	-1.1	-1.3
Os.20335.1.S1_at	LOC_Os01g50440	AWPM-19-like membrane family protein, putative, expressed	1.6	1.1	1
Os.22590.1.A1_at	LOC_Os03g17850	glycosyltransferase family 43 protein, putative, expressed	2	2.9	3
Os.26978.1.S1_a_at	LOC_Os11g40610	EARLY flowering protein, putative, expressed	-1.6	-1.8	-1.6
Os.27197.2.A1_at	LOC_Os04g37790,	expressed protein	3.9	2.5	2.9
Os.27232.1.S1_at	LOC_Os01g68650	plant-specific domain TIGR01615 family protein, expressed	-1.3	-1.1	-2.2
Os.27247.1.S1_at	LOC_Os06g50950	GDSL-like lipase/acylhydrolase, putative, expressed	2.6	1.1	3
Os.27254.1.S1_s_at	LOC_Os03g06680	plant-specific domain TIGR01615 family protein, expressed	-1.3	-1	-1.2
Os.27945.1.A1_at	LOC_Os04g59020	integral membrane protein, putative, expressed	-1.9	-2	-1

Os.2915.1.S1_at	LOC_Os01g21250	late embryogenesis abundant protein, putative, expressed	3.2	4.1	2.3
Os.37067.1.S1_at	LOC_Os10g37760	OsRhmbd17 - Putative Rhomboid homologue, expressed	1.5	2.8	1.6
Os.38235.2.S1_x_at	LOC_Os04g52260	LTPL124 - Protease inhibitor/seed storage/LTP family protein precursor, expressed	3.2	4	3.7
Os.46418.1.S1_at	LOC_Os10g39100	uncharacterized Cys-rich domain containing protein, putative, expressed	3.1	3	1.3
Os.48102.1.A1_s_at	LOC_Os03g02530	OsRhmbd7 - Putative Rhomboid homologue, expressed	2.6	1.6	1.2
Os.487.1.S1_at	LOC_Os01g15340	flowering promoting factor-like 1, putative, expressed	4.5	2.3	2.4
Os.5093.1.S1_at	LOC_Os08g38210	transcription factor BIM2, putative, expressed	2.1	1.1	1.1
Os.51763.1.S1_x_at	LOC_Os01g12690	plant-specific domain TIGR01568 family protein, expressed	6.3	1.5	2.3
Os.52263.1.S1_at	LOC_Os02g50730	metalloendoproteinase 1 precursor, putative, expressed	2.1	1.8	2.1
Os.53322.1.S1_at	LOC_Os09g31120	pirin, putative, expressed	2.1	1.7	1.9
Os.53396.1.S1_at	LOC_Os07g08390	plant-specific domain TIGR01615 family protein, expressed	-2.8	-1.7	-2
Os.54128.1.S1_at	LOC_Os09g05030	armadillo/beta-catenin-like repeat family protein, expressed	1.7	1.5	1.8
Os.55671.1.S1_at	LOC_Os06g44250	haemolysin-III, putative, expressed	4.5	3	3.4
Os.55674.1.S1_at	LOC_Os05g46830	proline-rich protein, putative, expressed	4.7	3.3	3.9
Os.55779.1.S1_at	LOC_Os09g37967	cupin domain containing protein, expressed	4.3	7.2	5.8
Os.55779.1.S1_at	LOC_Os09g37967	cupin domain containing protein, expressed	4.3	7.2	5.8
Os.56080.1.S1_at	LOC_Os03g47280	VQ domain containing protein, putative, expressed	4.1	2.5	2.2
Os.57548.1.S1_at	LOC_Os12g05590	RCN3 Centroradialis-like1 homologous to TFL1 gene; contains Pfam profile PF01161: Phosphatidylethanolamine-binding protein, expressed	-3	-2.4	-3.9
Os.6288.1.S1_at	LOC_Os08g31850	expressed protein	1.1	1.3	2.9
Os.7235.1.S1_at	LOC_Os03g21030	no apical meristem protein, putative, expressed	2.5	1.4	1.6
Os.9206.1.S1_at	LOC_Os10g35630	cystathionin beta synthase protein, putative, expressed	2	1.9	1.9

OsAffx.22593.2.S1_s_at	LOC_Os06g03860	uncharacterized membrane protein, putative, expressed	-1.2	-1.2	-1.5
OsAffx.5584.1.S1_at	LOC_Os07g40320	vesicle transport protein GOT1B, putative, expressed	1.8	2.5	2.7
Os.17322.1.S1_at	LOC_Os06g16300	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor, putative, expressed	1.3	1.4	1
Os.17766.1.S1_at	LOC_Os06g12120	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor, putative, expressed	2.7	1.2	1.1
Os.27488.1.S1_at	LOC_Os07g40630	BRASSINOSTEROID INSENSITIVE 1 precursor, putative, expressed	3.1	2.1	4.9
Os.8266.1.A1_at	LOC_Os03g55800	cytochrome P450, putative, expressed	3.4	1.2	1.6
Os.46956.1.S1_at	LOC_Os01g50940	helix-loop-helix DNA-binding domain containing protein, expressed	3.9	1.3	1.5
Os.11812.1.S1_at	LOC_Os02g48770	SAM dependent carboxyl methyltransferase, putative, expressed	2.3	2.6	3.1
Os.16540.1.S1_at	LOC_Os07g06830	gibberellin receptor GID1L2, putative, expressed	3.3	1.3	1.9
Os.54936.1.S1_at	LOC_Os03g57640	gibberellin receptor GID1L2, putative, expressed	1.6	1.9	2.8
Os.18395.1.S1_s_at	LOC_Os06g15620	GASR7 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor, expressed	1.4	2.3	4.3
Os.11766.1.S1_at	LOC_Os07g36170	chitin-inducible gibberellin-responsive protein, putative, expressed	1.9	1.5	1.9
Os.27419.1.S1_at	LOC_Os11g47870	GRAS family transcription factor domain containing protein, expressed	1.6	1.9	1.7
Os.10061.1.S1_at	LOC_Os07g39470	gibberellin response modulator protein, putative, expressed	1.9	1.3	1.7
Os.11773.1.S1_at	LOC_Os05g27730	WRKY53, expressed	2.4	1.4	2.2
Os.11945.1.S1_at	LOC_Os08g29660	WRKY69,expressed	2.6	2.3	1.1
Os.12032.1.S1_at	LOC_Os02g08440	WRKY71,expressed	2.6	1.8	1.6
Os.27227.1.S1_at	LOC_Os09g16510	WRKY74,expressed	3.3	2.4	2.8
Os.29979.1.S1_at	LOC_Os01g09100	WRKY10,expressed	1.3	2.9	1.4
Os.31521.1.S1_at	LOC_Os01g61080	WRKY24,expressed	5.1	3.6	2.1

Os.33131.1.A1_at	LOC_Os03g20550	WRKY55,expressed	1.4	2.1	1.3
Os.50015.1.S1_at	LOC_Os06g44010	WRK28,expressed	6.2	4.3	2.7
Os.54467.1.S1_at	LOC_Os03g21710	WRKY79,expressed	3.7	3.4	2.9
Os.55597.1.S1_at	LOC_Os05g49620	WRKY19,expressed	3.8	2	1.9
Os.55827.1.S1_at	LOC_Os11g29870	WRKY72,expressed	2.2	1	1
Os.56922.1.S1_at	LOC_Os02g26430	WRKY42,expressed	4.3	2	1.1
Os.8961.1.S1_s_at	LOC_Os05g46020	WRKY7,expressed	2.5	2.2	2.1
OsAffx.11050.2.S1_x_at	LOC_Os01g14440	WRKY1,expressed	3.8	3.1	2.3
OsAffx.21439.1.S1_at	LOC_Os01g46800	WRKY15,expressed	8.2	1.7	1.6
OsAffx.9584.1.S1_at	LOC_Os01g60600	WRKY108,expressed	2.5	1.3	3.4
Os.10172.1.S1_at	LOC_Os02g41510	MYB family transcription factor	5.2	5.7	3
Os.10174.1.S1_at	LOC_Os11g47460	MYB family transcription factor	-1.5	-2.4	-1.3
Os.12994.1.S1_at	LOC_Os12g38400	MYB family transcription factor	1.6	2.1	1.3
Os.14823.1.S1_s_at	LOC_Os03g20090	MYB family transcription factor	4	2.7	1.5
Os.15338.1.S1_a_at	LOC_Os01g34060	MYB family transcription factor	-1.9	-1.7	-1.3
Os.3388.2.S1_a_at	LOC_Os04g43680	MYB family transcription factor	3.3	2.3	2.1
Os.47854.1.S1_at	LOC_Os02g46780	MYB family transcription factor	-3.1	-2.3	-1
Os.49619.1.S1_at	LOC_Os03g20090	MYB family transcription factor	4.6	2.4	1
Os.49787.1.S1_at	LOC_Os01g64360	MYB family transcription factor	1.5	2	1.6
Os.49848.1.S1_at	LOC_Os04g50770	MYB family transcription factor	-2.2	-2.2	-2.8
Os.52913.1.A1_at	LOC_Os08g43450	MYB-like protein 1	-3.9	-2.7	-3.5
Os.5335.1.S1_at	LOC_Os04g49440	RNA recognition motif containing protein, putative, expressed	-2.3	-1.6	-3.1
Os.55096.1.S1_at	LOC_Os06g14670	ODORANT1, putative, expressed	3.3	3.6	3.5



Os.9336.1.S1_at	LOC_Os08g43550	MYB family transcription factor, putative, expressed	-2.8	-2.8	-2.7
Os.8088.1.S1_at	LOC_Os03g08310	ZIM domain containing protein, putative, expressed	5.8	4	2.3
Os.9923.1.S1_at	LOC_Os03g08330	ZIM domain containing protein, putative, expressed	5	2.5	1.5
Os.46849.1.S1_at	LOC_Os10g25230	ZIM domain containing protein, putative, expressed	4.5	1.7	1.5
Os.12012.1.S1_at	LOC_Os10g25290	ZIM domain containing protein, putative, expressed	4.1	2.6	1.5
Os.48064.1.S1_at	LOC_Os09g26780	ZIM domain containing protein, putative, expressed	2.4	3.5	3.6
Os.12710.1.S1_at	LOC_Os07g42370	ZIM domain containing protein, putative, expressed	1	1.2	1.1
Os.10356.1.S1_at	LOC_Os03g08320	ZIM domain containing protein, putative, expressed	4.9	3.3	2
Os.10790.1.A1_at	LOC_Os04g39080	OsFBX140 - F-box domain containing protein, expressed	2.6	1	1.3
Os.10885.1.S1_at	LOC_Os09g20650	OsFBX323 - F-box domain containing protein, expressed	-1.8	-1.8	-2.1
Os.11474.1.S1_at	LOC_Os02g51350	OsFBK10 - F-box domain and kelch repeat containing protein, expressed	2.2	2.3	1.7
Os.12329.1.S1_at	LOC_Os01g65920	F-box/LRR-repeat protein 2, putative, expressed	-1	-1.1	-1.1
Os.15812.1.S1_at	LOC_Os03g07530	OsFBK12 - F-box domain and kelch repeat containing protein, expressed	1.6	1.1	1.3
Os.33110.1.S1_at	LOC_Os01g45900	OsFBX20 - F-box domain containing protein, expressed	-3.1	-2.3	-2.8
Os.35797.1.S1_at	LOC_Os07g13890	OsFBX230 - F-box domain containing protein, expressed	-1.1	-1.3	-1.4
Os.4782.1.S1_at	LOC_Os03g58764	OsFBDUF18 - F-box and DUF domain containing protein, expressed	2.3	1.9	1.5
Os.51510.1.S1_at	LOC_Os04g18790	OsFBX126 - F-box domain containing protein, expressed	-1.5	-1.5	-3.1
Os.52803.1.S1_at	LOC_Os06g44500	OsFBK17 - F-box domain and kelch repeat containing protein, expressed	-1.6	-2	-1.1
Os.56260.1.S1_x_at	LOC_Os08g09710	OsFBX271 - F-box domain containing protein, expressed	-1	-1	-1.5
Os.6314.1.S1_at	LOC_Os04g33820	OsFBX132 - F-box domain containing protein, expressed	2	3.5	1
Os.8724.1.S1_at	LOC_Os07g37400	OsFBX257 - F-box domain containing protein, expressed	3.5	3.5	3
Os.9695.2.S1_at	LOC_Os01g08830	OsFBDUF1 - F-box and DUF domain containing protein, expressed	1.1	2.1	2
OsAffx.12526.1.S1_at	LOC_Os02g46690	OsFBD8 - F-box and FBD domain containing protein, expressed	2.2	3.4	2.1

Os.53268.1.S1_at	LOC_Os09g17152	OsFBX319 - F-box domain containing protein, expressed	4.1	2.5	1.9
Os.15874.1.A1_at	LOC_Os03g60570	ZOS3-22 - C2H2 zinc finger protein, expressed	2	2.3	1.1
Os.16248.2.S1_x_at	LOC_Os02g56250	GATA zinc finger domain containing protein, expressed	2.3	2.3	1.5
Os.16784.1.S1_at	LOC_Os11g03420	ZF-HD protein dimerisation region containing protein, expressed	-1.1	-1.5	-1
Os.20221.1.S1_at	LOC_Os09g21710	ANI-like zinc finger domain containing protein, expressed	1.2	1.3	1.4
Os.25849.1.S1_x_at	LOC_Os01g66970	zinc finger, C3HC4 type domain containing protein, expressed	-1.6	-1.1	-1.9
Os.34720.1.S1_at	LOC_Os01g70870	ZOS1-23 - C2H2 zinc finger protein, expressed	-1.8	-3.3	-2.1
Os.35718.1.S1_at	LOC_Os12g39220	ZOS12-08 - C2H2 zinc finger protein, expressed	-1.3	-1.7	-2.5
Os.3710.1.S1_at	LOC_Os02g35329	RING-H2 finger protein ATL3F, putative, expressed	2.6	2.5	2.3
Os.38848.1.S1_at	LOC_Os06g15330	CCT/B-box zinc finger protein, putative, expressed	-2.3	-1.7	-1.4
Os.49588.1.S1_at	LOC_Os03g41390	ZOS3-15 - C2H2 zinc finger protein, expressed	2.2	2.2	1.8
Os.52208.1.S1_at	LOC_Os11g45990	von Willebrand factor type A domain containing protein, putative, expressed	3.3	1.6	2.2
Os.7834.1.S1_at	LOC_Os05g06340	GATA zinc finger domain containing protein, expressed	-2.3	-1.2	-1.7
OsAffx.24157.1.S1_s_at	LOC_Os02g07930	B-box zinc finger family protein, putative, expressed	1.3	1.9	2
Os.5736.1.S1_s_at	LOC_Os10g26620	dof zinc finger domain containing protein, putative, expressed	-1.4	-1.7	-1.3
Os.4186.1.S1_a_at	LOC_Os01g55340	dof zinc finger domain containing protein, putative, expressed	1.8	1.8	1
Os.12498.2.S1_at	LOC_Os01g72370	helix-loop-helix DNA-binding domain containing protein, expressed	7.5	3.1	1
Os.17133.1.S1_at	LOC_Os03g43990	BTBN8 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic hypocotyl 3 NPH3 and coiled-coil domains, expressed	1.2	1.5	3.9
Os.27140.1.S1_a_at	LOC_Os03g61910	retrotransposon protein, putative, unclassified, expressed	-3.1	-3	-1.9
Os.3406.1.S1_at	LOC_Os04g51160	transposon protein, putative, unclassified, expressed	4.5	5.3	4.6
Os.46872.1.S1_at	LOC_Os10g37160	transposon protein, putative, unclassified, expressed	10.7	7.8	5.9

Os.51357.1.S1_at	LOC_Os10g29650	retrotransposon protein, putative, unclassified, expressed	-1.2	-1.6	-3.9
Os.52321.1.S1_at	LOC_Os06g16050	transposon protein, putative, CACTA, En/Spm sub-class, expressed	6.3	4.5	3.9
Os.5562.1.S1_at	LOC_Os04g51150	transposon protein, putative, unclassified, expressed	3	2.5	1.4
Os.7270.1.S1_x_at	LOC_Os06g16050	transposon protein, putative, CACTA, En/Spm sub-class, expressed	5.7	5	5.5
OsAffx.2070.2.S1_at	LOC_Os01g23850	transposon protein, putative, CACTA, En/Spm sub-class, expressed	1.1	1	1.5
Os.26695.1.S1_at	LOC_Os03g60080	NAC domain-containing protein 67, putative, expressed	1.1	1.2	1
Os.5549.1.S1_at	LOC_Os07g12340	NAC domain-containing protein 67, putative, expressed	1.8	1.5	1.7
OsAffx.19055.1.S1_at	LOC_Os11g28470	expressed protein	3	3.2	2
OsAffx.26443.1.S1_s_at	LOC_Os04g43440	NB-ARC/LRR disease resistance protein, putative, expressed	4.2	6.8	3.8
Os.10316.1.S1_at	LOC_Os01g39330	helix-loop-helix DNA-binding domain containing protein, expressed	2.2	2.1	2.5
Os.23257.1.A1_at	LOC_Os06g06900	helix-loop-helix DNA-binding domain containing protein, expressed	2.3	2.7	1.9
Os.46600.1.S1_at	LOC_Os10g23050	helix-loop-helix DNA-binding protein, putative, expressed	-1.2	-1.2	-3.7
Os.7116.1.S1_at	LOC_Os03g53020	helix-loop-helix DNA-binding domain containing protein, expressed	4.3	2.9	2.2
OsAffx.27480.1.S1_at	LOC_Os06g06900	helix-loop-helix DNA-binding domain containing protein, expressed	1.6	1.7	1.9
Os.34549.1.S1_at	LOC_Os07g43530	helix-loop-helix DNA-binding domain containing protein, expressed	1.8	1.6	1.2
Os.35707.1.S1_at	LOC_Os09g33580	BEE 1, putative, expressed	-2.4	-3.5	-2.8
Os.23107.1.S1_at	LOC_Os11g11100	bZIP transcription factor domain containing protein, expressed	-1.1	-1.2	-1.6
Os.42200.1.S1_at	LOC_Os01g59760	bZIP transcription factor, putative, expressed	-1.4	-3.1	-1.5
Os.46836.1.S1_at	LOC_Os10g38820	bZIP family transcription factor, putative, expressed	1.5	4.3	2.3
Os.49201.1.S1_at	LOC_Os09g29820	bZIP transcription factor domain containing protein, expressed	-1	-3.5	-2
Os.27178.1.S1_s_at	LOC_Os04g54474	transcription factor, putative, expressed	-1.8	-2.1	-1.4
Os.18178.1.S1_at	LOC_Os03g03560	FHA domain containing protein, putative, expressed	3.4	1.4	2.4
OsAffx.25077.1.S1_at	LOC_Os03g12860	homeobox associated leucine zipper, putative, expressed	-3.9	-1.3	-1.4

Os.2365.1.S1_at	LOC_Os06g04870	homeobox associated leucine zipper, putative, expressed	-1.3	-8.1	-2.8
Os.38013.1.S1_a_at	LOC_Os03g08960	homeobox associated leucine zipper, putative, expressed	2.4	1.5	2.1
Os.4784.1.S1_at	LOC_Os09g31040	EF hand family protein, putative, expressed	4.6	5.6	4.3
Os.49662.1.S1_at	LOC_Os09g31000	EF hand family protein, putative, expressed	3.6	3.8	1.6
Os.52062.1.S1_at	LOC_Os09g30506	EF hand family protein, putative, expressed	1.7	3.8	1.6
Os.46956.1.S1_at	LOC_Os01g50940	helix-loop-helix DNA-binding domain containing protein, expressed	3.9	1.3	1.5
Os.6043.1.S1_at	LOC_Os04g23550	basic helix-loop-helix family protein, putative, expressed	5.1	2.2	1.4
OsAffx.24782.1.S1_s_at	LOC_Os02g48320	DNA binding protein, putative, expressed	2.3	2.1	2
Os.10870.1.S1_at	LOC_Os02g51890	RNA recognition motif containing protein, putative, expressed	2.2	2.9	2.2
Os.7338.1.S1_at	LOC_Os07g28850	retrotransposon protein, putative, unclassified, expressed	2.2	1.3	2.7
Os.21875.1.S1_at	LOC_Os01g74340	RNA recognition motif containing protein, putative, expressed	-1.4	-1	-1.7
OsAffx.4480.1.S1_at	LOC_Os05g30970	copine, putative, expressed	1.1	2.4	2.5
Os.11396.1.S1_at	LOC_Os01g68060	copine, putative, expressed	2	2.2	2.4
Os.10091.1.S1_at	LOC_Os03g19070	long cell-linked locus protein, putative, expressed	2.7	2.3	1.5
Os.21349.1.S1_at	LOC_Os03g04020	expansin precursor, putative, expressed	-2.5	-1.1	-1.7
Os.2938.1.S1_at	LOC_Os10g39640	expansin precursor, putative, expressed	1.3	1.3	1.3
Os.49999.1.S1_x_at	LOC_Os03g18910	COBRA-like protein 7 precursor, putative, expressed	2.5	2.9	2.5
Os.50966.1.S1_at	LOC_Os02g32980	Cupin domain containing protein, expressed	2.2	2.9	1.1
Os.51176.1.S1_at	LOC_Os10g31320	retrotransposon protein, putative, unclassified, expressed	2.4	5.4	1.5
Os.51929.1.S1_at	LOC_Os10g31330	retrotransposon protein, putative, unclassified, expressed	1.7	3	1.1
Os.53931.1.S1_at	LOC_Os11g33030	retrotransposon protein, putative, unclassified, expressed	-1.4	-1	-1.2
Os.9592.1.S1_at	LOC_Os07g41310	COBRA, putative, expressed	4.4	3.7	2.7
Os.2081.1.S1_at	LOC_Os01g19260	ATPase, putative, expressed	3.1	5	5.3

Os.22831.1.S1_at	LOC_Os03g50220	homologous-pairing protein meu13, putative, expressed	3.5	1.5	1.6
Os.34496.1.S1_at	LOC_Os03g61500	uncharacterized Cys-rich domain containing protein, putative, expressed	2.5	2.3	3.2
Os.53268.1.S1_at	LOC_Os09g17152	OsFBX319 - F-box domain containing protein, expressed	4.1	2.5	1.9
Os.5999.1.S1_at	LOC_Os12g28590	ATPase 2, putative, expressed	3.4	4.2	5.2
Os.7332.1.S1_at	LOC_Os02g07750	cell cycle control protein, putative, expressed	1.5	1.1	1.2
Os.13901.1.S1_at	LOC_Os01g67850	zinc finger, RING-type, putative, expressed	-2.5	-2.1	-2
Os.14848.1.S1_at	LOC_Os06g48040	zinc finger, C3HC4 type domain containing protein, expressed	1.4	1.3	1.8
Os.16933.1.S1_at	LOC_Os01g61990	ankyrin repeat-containing protein, putative, expressed	1.5	2.4	2.7
Os.17069.1.A1_at	LOC_Os02g05692	zinc finger, C3HC4 type domain containing protein, expressed	-1.2	-1.1	-1.5
Os.18565.1.S1_at	LOC_Os02g55480	zinc finger, C3HC4 type domain containing protein, expressed	-2.6	-2.1	-1.4
Os.25589.1.S1_at	LOC_Os11g25780	PB1 domain containing protein, expressed	-2.3	-1.2	-1.7
Os.25589.3.S1_at	LOC_Os11g25800	expressed protein	-1.9	-1.1	-1.2
Os.26472.1.S1_at	LOC_Os04g40630	BTBZ4 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with TAZ zinc finger and Calmodulin-binding domains, expressed	1.6	2.2	2.5
Os.37969.1.S1_at	LOC_Os01g66860	serine/threonine protein kinase, putative, expressed	5.3	2.1	2
Os.37969.2.S1_at	LOC_Os01g66860	serine/threonine protein kinase, putative, expressed	5.5	2.2	1.2
Os.43892.1.S1_at	LOC_Os03g09070	leucine rich repeat domain containing protein, putative, expressed	4.7	5	3.7
Os.49517.1.S1_at	LOC_Os05g35260	PB1 domain containing protein, expressed	2.3	1.2	2.2
Os.52208.1.S1_at	LOC_Os11g45990	von Willebrand factor type A domain containing protein, putative, expressed	3.3	1.6	2.2
Os.52699.1.S1_at	LOC_Os04g55420	leucine-rich repeat family protein, putative, expressed	2.4	2.7	3.3
Os.53612.1.S1_at	LOC_Os06g14450	exo70 exocyst complex subunit family protein, putative, expressed	2	2.8	2
Os.54351.1.S1_at	LOC_Os08g31250	C1-like domain containing protein, expressed	3	5.5	3.2

Os.57345.1.S1_at	LOC_Os02g38120	BTBN3 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic hypocotyl 3 NPH3 domain, expressed	-1.8	-1.8	-1.1
Os.12296.1.S1_at	LOC_Os03g39610	chlorophyll A-B binding protein, putative, expressed	1.4	1.7	2
Os.28216.3.S1_x_at	LOC_Os07g37550	chlorophyll A-B binding protein, putative, expressed	1.7	4.5	1.9
Os.28216.1.S1_a_at	LOC_Os01g52250	starch synthase, putative, expressed	1.8	4.2	1.5
Os.11923.1.S1_x_at	LOC_Os05g33630	inosine-uridine preferring nucleoside hydrolase family protein, putative, expressed	2.5	2.2	1.2
Os.5616.1.S1_at	LOC_Os03g18740	oxidoreductase, short chain dehydrogenase/reductase family, putative, expressed	2.7	3.7	3.8
Os.30239.1.S1_at	LOC_Os07g46910	sex determination protein tasselseed-2, putative, expressed	2.9	3.3	2.4
Os.15281.1.S1_x_at	LOC_Os07g46920	sex determination protein tasselseed-2, putative, expressed	6.5	2.7	4.2
Os.18467.1.S1_s_at	LOC_Os11g09010	lipase, putative, expressed	3.4	3.1	3.3
Os.28042.1.S1_a_at	LOC_Os04g35560	glutathione S-transferase, putative, expressed	1.1	1.7	1.6
Os.31992.1.S1_at	LOC_Os03g05920	expressed protein	2.4	1.7	1.6
Os.46115.1.S1_at	LOC_Os05g29990	NAD dependent epimerase/dehydratase family domain containing protein, expressed	1.3	1.4	1.3
Os.48005.1.S1_x_at	LOC_Os01g67600	CXE carboxylesterase, putative, expressed	1.1	1	1.4
Os.49135.1.S1_at	LOC_Os01g72520	phosphoesterase family protein, putative, expressed	-1	-1.6	-2
Os.52414.1.S1_at	LOC_Os02g19650	hydrolase, alpha/beta fold family domain containing protein, expressed	3.8	2.4	2.1
Os.5557.1.S1_at	LOC_Os03g02514	hydrolase, alpha/beta fold family protein, putative, expressed	2.3	1.8	1.9
Os.55991.1.S1_at	LOC_Os10g39090	hydrolase, alpha/beta fold family protein, putative, expressed	3	2.6	2.6
Os.17325.1.S1_at	LOC_Os03g03200	hydrolase, alpha/beta fold family protein, putative, expressed	2.9	1.3	2.1
Os.5809.1.S1_s_at	LOC_Os11g46000	von Willebrand factor type A domain containing protein, putative, expressed	3.6	1.6	4.9

Os.7727.1.S1_at	LOC_Os05g11910	GDSL-like lipase/acylhydrolase, putative, expressed	1.9	3.4	2.4
Os.7804.1.S1_at	LOC_Os02g15230	GDSL-like lipase/acylhydrolase, putative, expressed	1	1.1	1.4
Os.54232.1.S1_at	LOC_Os05g37190	ZOS5-08 - C2H2 zinc finger protein, expressed	4.5	2.1	1.2
Os.36152.1.S1_at	LOC_Os01g63980	ZOS1-17 - C2H2 zinc finger protein, expressed	2.7	1.5	1
Os.11997.1.S1_at	LOC_Os07g48510	thioredoxin, putative, expressed	-1.9	-1.3	-1.9
Os.12385.1.S1_at	LOC_Os03g57340	chaperone protein dnaJ, putative, expressed	1.3	1	1.1
Os.26059.1.S1_s_at	LOC_Os03g20730	chaperone protein dnaJ, putative, expressed	1.3	1.5	1.8
Os.31185.1.S1_at	LOC_Os01g13950	OsGrx_A1 - glutaredoxin subgroup III, expressed	4.3	4.4	3.2
Os.31431.1.S1_at	LOC_Os01g40580	hypersensitive-induced response protein, putative, expressed	3.2	1.6	1.7
Os.35808.1.S1_at	LOC_Os01g42190	heat shock protein DnaJ, putative, expressed	3.1	2.6	2.6
Os.57054.1.S1_at	LOC_Os02g17000	OsSub14 - Putative Subtilisin homologue, expressed	2.1	5.5	5
Os.9554.1.S1_at	LOC_Os04g52504	adhesive/proline-rich protein, putative, expressed	1.3	1.6	1.2
OsAffx.25169.1.S1_s_at	LOC_Os03g20730	chaperone protein dnaJ, putative, expressed	1.8	1.7	2.5
OsAffx.30738.1.S1_at	LOC_Os10g40650	holliday junction resolvase, putative, expressed	4.4	2	2.6
Os.49580.1.S1_at	LOC_Os12g19304	Fe-S metabolism associated domain containing protein, expressed	-6.6	-5	-5.3
Os.7130.1.S1_at	LOC_Os10g42690	jmjC domain containing protein, expressed	3.5	2.1	3.4
Os.7130.2.S1_x_at	LOC_Os10g42690	jmjC domain containing protein, expressed	3.1	1.8	3.5
Os.47877.1.S1_at	LOC_Os02g27810	MazG nucleotide pyrophosphohydrolase domain containing protein, expressed	-2.7	-4	-3.5
Os.52754.2.S1_at	LOC_Os03g50220	homologous-pairing protein meu13, putative, expressed	3.6	1.4	1.6
Os.9889.1.S1_at	LOC_Os06g19730	HEAT repeat family protein, putative, expressed	-1.3	-1.4	-1.2
Os.52509.1.S1_at	LOC_Os04g33950	E2F family transcription factor protein, putative, expressed	2.3	2.3	2.3
Os.53052.1.S1_at	LOC_Os01g67820	exo70 exocyst complex subunit domain containing protein, expressed	2.6	3.1	2.6

Os.26884.1.S1_a_at	LOC_Os01g67810	transposon protein, putative, unclassified, expressed	2.3	2.5	2.1
Os.55395.1.S1_s_at	LOC_Os06g45570	VQ domain containing protein, putative, expressed	1.6	1	1.3
Os.10682.1.S1_at	LOC_Os08g05960	expressed protein	1	1.6	1.4
Os.11478.1.S1_at	LOC_Os09g38440	ATXR, putative, expressed	-2.1	-1	-4.3
Os.14616.1.S1_at	LOC_Os07g34260	chalcone and stilbene synthases, putative, expressed	4.8	1.8	4.8
Os.21367.1.S1_at	LOC_Os10g34170	glutaredoxin domain containing protein, putative, expressed	4.2	1.6	1.6
Os.46604.1.S1_s_at	LOC_Os01g35330	circumsporozoite protein precursor, putative, expressed	3	2.1	1.8
Os.4773.1.S1_at	LOC_Os06g04240	expressed protein	1.7	1.8	1.2
Os.51226.1.S1_at	LOC_Os03g52910	uncharacterized UPF0114 domain containing protein, expressed	1	2	2.4
Os.7567.1.S1_at	LOC_Os10g40614	LTPL147 - Protease inhibitor/seed storage/LTP family protein precursor, expressed	-1.2	-2	-1.9
Os.8914.1.S1_at	LOC_Os03g19020	PHD-finger family protein, expressed	2.7	2.2	2.2
Os.9971.1.S1_s_at	LOC_Os02g42850	MYB family transcription factor, putative, expressed	2.9	1.8	3.3
OsAffx.3240.1.S1_s_at	LOC_Os03g14370	ACT domain containing protein, expressed	2.6	2.8	2.9
Os.10038.1.S1_s_at	LOC_Os07g05840	expressed protein	3.2	3.3	3.2
Os.10266.1.S1_at	LOC_Os03g43100	expressed protein	8.7	7.7	7.8
Os.10390.1.S1_at	LOC_Os03g55430	expressed protein	3.4	3	1.8
Os.10502.1.S1_at	LOC_Os07g28614	expressed protein	-1.9	-1.3	-1.5
Os.10736.1.S1_at	LOC_Os06g05440	expressed protein	-2.7	-2	-1.6
Os.10982.1.S1_at	LOC_Os02g46170	expressed protein	1.7	3.5	1.6
Os.11147.1.S1_at	LOC_Os07g37280	hypothetical protein	2.1	2.3	1.3
Os.11471.1.S1_at	LOC_Os04g54610	expressed protein	2.8	1.4	2.4
Os.11730.1.S1_at	LOC_Os05g21180	phosphatidic acid phosphatase-related, putative, expressed	1.8	1.7	1.9



Os.11906.1.S1_at	LOC_Os01g50350	expressed protein	5.6	6.3	4.1
Os.11970.1.S1_at	LOC_Os09g20240	DUF581 domain containing protein, expressed	-1.4	-1.6	-1.5
Os.11970.2.S1_x_at	LOC_Os09g20240	DUF581 domain containing protein, expressed	-1.5	-1.4	-1.8
Os.12043.1.S1_at	LOC_Os01g44120	expressed protein	3	2.6	1.6
Os.12176.1.S1_at	LOC_Os03g07590	expressed protein	1.2	3.6	3.3
Os.13954.1.S1_x_at	LOC_Os08g31950	expressed protein	1.4	1	1.4
Os.14198.1.S1_at	LOC_Os01g61760	myosin heavy chain-related, putative, expressed	1.5	1.9	2.3
Os.14210.1.S1_at	LOC_Os10g36360	expressed protein	2	3.5	5.8
Os.14407.1.S1_at	LOC_Os08g01890	DNA binding protein, putative, expressed	2.2	1.5	1.5
Os.14828.1.A1_s_at	LOC_Os09g20390	uncharacterized glycosyl hydrolase Rv2006/MT2062, putative, expressed	2.5	1.8	1.6
Os.14835.2.S1_at	LOC_Os02g31080	hydroxyproline-rich glycoprotein family protein, putative, expressed	1.7	1.9	1.8
Os.15317.1.A1_at	LOC_Os02g31867	expressed protein	2.1	2.4	3
Os.15574.1.S1_at	LOC_Os03g08390	expressed protein	1.4	2.6	2.3
Os.16011.1.A1_at	LOC_Os06g43990	expressed protein	-1.7	-1.3	-1.2
Os.16435.1.S1_at	LOC_Os02g53410	expressed protein	3.1	1.7	1.9
Os.17054.1.S1_at	LOC_Os03g14310	expressed protein	-1.9	-1.1	-1.8
Os.17677.1.S1_at	LOC_Os06g03810	expressed protein	1.7	2.7	1.9
Os.17768.1.S1_at	LOC_Os06g41930	zinc-binding protein, putative, expressed	-1.5	-1.7	-1.2
Os.17797.1.A1_at	LOC_Os02g44880	expressed protein	3.5	2.3	2.6
Os.18318.1.S1_at	LOC_Os03g10240	DUF677 domain containing protein, putative, expressed	1.3	1.6	1.6
Os.1880.2.S1_a_at	LOC_Os01g50840	expressed protein	1.2	1.1	2.2
Os.18941.1.S1_at	LOC_Os07g03050	expressed protein	2.5	1.8	3.3
Os.19385.1.S1_at	LOC_Os01g52730	DUF584 domain containing protein, putative, expressed	1.6	2.4	1

Os.20501.1.S1_at	LOC_Os07g47670	hypoxia-responsive family protein, putative, expressed	1.1	2	1.1
Os.20717.1.S1_at	LOC_Os01g61460	leaf senescence related protein, putative, expressed	3.1	2.4	4.2
Os.23209.1.S1_at	LOC_Os05g39350	PMR5, putative, expressed	1	2.3	2.8
Os.23216.2.S1_x_at	LOC_Os07g02990	expressed protein	2.1	2.9	4.2
Os.23606.1.S1_at	LOC_Os01g29330	expressed protein	3.8	3.7	1.5
Os.2426.1.A1_at	LOC_Os11g10470	expressed protein	2.4	2.9	2.4
Os.26380.1.S1_at	LOC_Os01g55280	expressed protein	1.3	1.8	3
Os.26469.1.S1_at	LOC_Os03g56220	stress-induced protein, putative, expressed	1.5	1.7	1.6
Os.27536.1.A1_at	LOC_Os03g07920	expressed protein	-2.3	-2.9	-2.3
Os.27557.1.S1_at	LOC_Os02g29300	expressed protein	-3.7	-3	-4.2
Os.27569.1.S2_at	LOC_Os11g03760	expressed protein	1.6	2.4	1.4
Os.27800.1.A1_at	LOC_Os03g58740	expressed protein	2	1.7	2.5
Os.28798.1.S1_at	LOC_Os01g58310	expressed protein	2.3	3.6	1.8
Os.29923.1.S1_at	LOC_Os06g36380	expressed protein	-1	-1.2	-1.5
Os.30059.1.S1_at	LOC_Os01g60420	expressed protein	4.5	3.1	2.7
Os.30059.2.S1_x_at	LOC_Os01g60420	expressed protein	3.4	2	1.8
Os.30124.1.S1_at	LOC_Os10g30880	expressed protein	3.9	1.5	2.6
Os.30779.1.S1_at	LOC_Os01g63500	expressed protein	-1.6	-1	-3.2
Os.30993.1.S1_at	LOC_Os07g12390	expressed protein	-1.6	-1.1	-1.2
Os.31233.2.S1_at	LOC_Os01g16140	expressed protein	1.7	4.4	3.8
Os.31991.1.S1_s_at	LOC_Os11g02290	expressed protein	3.2	4.6	2.8
Os.32602.1.S1_at	LOC_Os01g74370	domain of unknown function DUF966 domain containing protein, expressed	3.8	3	3.3
Os.32889.1.S1_at	LOC_Os07g03040	expressed protein	8.7	6.8	9.2

Os.34196.1.S1_at	LOC_Os01g60110	E2F-related protein, putative, expressed	4.9	2	2.2
Os.34819.1.S1_at	LOC_Os07g22494	expressed protein	1.6	1.4	1.9
Os.34819.2.S1_x_at	LOC_Os07g22494	expressed protein	1.5	1.1	1.4
Os.34819.3.S1_x_at	LOC_Os07g22494	expressed protein	1.7	1	2
Os.36558.1.S1_at	LOC_Os11g02290	expressed protein	1.9	6.1	3
Os.3721.1.S1_at	LOC_Os01g03980	expressed protein	-1.4	-1.3	-2.1
Os.37229.1.S1_at	LOC_Os02g46210	DUF581 domain containing protein, expressed	1.7	2.7	1.5
Os.37243.1.S1_at	LOC_Os01g51670	expressed protein	2	1.5	1.4
Os.37243.2.S1_x_at	LOC_Os01g51670	expressed protein	1.8	1.3	1.4
Os.37376.1.S1_at	LOC_Os01g70820	luminal PsbP, putative, expressed	2.1	1	1.3
Os.37509.1.S1_at	LOC_Os01g50040	DNA binding protein, putative, expressed	2.2	1.7	1.4
Os.37509.2.S1_x_at	LOC_Os01g50040	DNA binding protein, putative, expressed	1.2	1.3	1.2
Os.3808.4.S1_x_at	LOC_Os01g09220	transposon protein, putative, CACTA, En/Spm sub-class, expressed	2	1	1.4
Os.38235.1.S1_at	LOC_Os04g52260	LTPL124 - Protease inhibitor/seed storage/LTP family protein precursor, expressed	2.8	2.4	3.2
Os.38309.1.S1_at	LOC_Os06g36390	expressed protein	-1.5	-1.5	-2
Os.428.1.S1_at	LOC_Os03g55770	expressed protein	1.4	3.3	2.2
Os.43236.1.S1_at	LOC_Os08g32520	expressed protein	-1.1	-1.6	-2.5
Os.43929.1.S1_s_at	LOC_Os03g02470	expressed protein	8.7	8.3	7.4
Os.45412.1.S1_at	LOC_Os01g04690	expressed protein	2.1	1.4	1
Os.45427.1.A1_at	LOC_Os01g04120	ZOS1-03 - C2H2 zinc finger protein, expressed	-1.4	-2.6	-3.1
Os.45902.1.A1_at	LOC_Os02g30330	expressed protein	4	2.6	1.3
Os.45934.1.S1_at	LOC_Os01g09770	expressed protein	3.1	2.8	2.5

Os.46029.1.A1_at	LOC_Os01g48940	expressed protein	-1.4	-1	-1.5
Os.46431.1.S1_at	LOC_Os01g35330	circumsporozoite protein precursor, putative, expressed	5.1	3.6	3.8
Os.46835.1.S1_at	LOC_Os10g21860	expressed protein	-1	-2.2	-1.3
Os.46941.1.S1_s_at	LOC_Os06g48500	expressed protein	-1.3	-1.4	-1.2
Os.47568.1.A1_s_at	LOC_Os04g07890	AGAP002737-PA, putative, expressed	1.3	1.6	1.9
Os.47598.1.S1_at	LOC_Os01g12190	expressed protein	4.4	1.1	2.9
Os.47741.1.S1_x_at	LOC_Os04g42770	expressed protein	1.5	2.3	1.6
Os.4782.1.S1_at	LOC_Os03g58764	OsFBDUF18 - F-box and DUF domain containing protein, expressed	2.3	1.9	1.5
Os.4881.1.S1_s_at	LOC_Os07g41600	proline-rich protein, putative, expressed	2.1	2.1	3.2
Os.49074.1.A1_at	LOC_Os07g37290	expressed protein	-1.7	-1	-1.6
Os.4940.1.S1_at	LOC_Os06g46970	wound induced protein, putative, expressed	1.4	3.2	2.1
Os.49479.1.S1_at	LOC_Os05g05020	expressed protein	2.5	1.6	2.8
Os.49502.1.S1_at	LOC_Os08g15650	expressed protein	2.9	1.7	2.1
Os.49582.1.S1_at	LOC_Os02g45930	expressed protein	-2	-2.3	-2.3
Os.49583.1.S1_at	LOC_Os03g15080	expressed protein	2.9	1.4	1
Os.4999.1.S1_at	LOC_Os06g50230	expressed protein	-1.4	-2	-2.8
Os.50180.1.S1_at	LOC_Os05g05100	expressed protein	3.7	2.3	5.8
Os.50249.1.S1_x_at	LOC_Os03g21640	expressed protein	2.7	1.7	2.1
Os.50438.1.S1_at	LOC_Os02g36530	expressed protein	2.8	2.9	2.7
Os.51005.1.S1_at	LOC_Os11g05530	expressed protein	1.9	1.2	1.3
Os.51009.1.S1_x_at	LOC_Os02g53700	DENN domain containing protein, expressed	-2.9	-2.1	-1.6
Os.5117.1.S1_at	LOC_Os04g39890	expressed protein	3.1	2.3	5.2
Os.51323.1.S1_at	LOC_Os12g14540	expressed protein	1.9	1.5	1.6

Os.51557.1.S1_at	LOC_Os02g11705	expressed protein	-2.9	-2.9	-1.7
Os.51606.1.S1_at	LOC_Os12g43870	expressed protein	4.1	2.6	2.1
Os.51629.1.S1_at	LOC_Os02g09850	expressed protein	-1.5	-1.7	-1.7
Os.51741.1.S1_at	LOC_Os05g25920	expressed protein	3.8	3.2	2.4
Os.51851.1.S1_at	LOC_Os09g25580	monogalactosyldiacylglycerol synthase, putative, expressed	2.1	3.3	2.3
Os.52280.1.S1_at	LOC_Os06g46149	serine/arginine repetitive matrix protein 1, putative, expressed	2.1	3.9	3.7
Os.52355.1.S1_at	LOC_Os06g33880	expressed protein	-1.9	-1.7	-3
Os.52377.1.S1_s_at	LOC_Os02g13370	expressed protein	-1.2	-2.1	-2.5
Os.52394.2.S1_at	LOC_Os12g39440	expressed protein	-1.2	-1	-1.4
Os.52490.1.S1_at	LOC_Os07g09625	expressed protein	-2.3	-1.3	-1.6
Os.52777.1.S1_s_at	LOC_Os05g36340	expressed protein	-1.5	-1.4	-1.3
Os.52886.1.S1_at	LOC_Os03g25750	SNARE associated Golgi protein, putative, expressed	1.8	2.1	2.8
Os.53074.1.S1_at	LOC_Os03g20330	VQ domain containing protein, putative, expressed	4.5	2.3	2.2
Os.53258.1.S1_at	LOC_Os03g60220	DUF567 domain containing protein, putative, expressed	2.3	1.7	1.7
Os.53473.1.S1_at	LOC_Os03g05460	expressed protein	3.1	2	1.9
Os.53581.1.S1_at	LOC_Os09g37080	expressed protein	1.9	1.8	1.6
Os.53687.1.S1_at	LOC_Os09g17146	expressed protein	6.9	2.1	1.7
Os.5384.1.S1_at	LOC_Os06g21400	expressed protein	1.7	1.1	1
Os.54006.1.S1_at	LOC_Os04g27950	expressed protein	-1.6	-1.7	-1.4
Os.54006.1.S1_at	LOC_Os04g27950	expressed protein	-1.6	-1.7	-1.4
Os.54463.1.S1_at	LOC_Os05g48680	expressed protein	3.8	2.2	1.5
Os.54549.1.S1_at	LOC_Os08g36590	antifreeze glycoprotein, putative, expressed	-1.8	-1.4	-1.6
Os.5458.1.A1_at	LOC_Os01g70470	expressed protein	1.4	1.1	1.2

Os.54951.1.S1_at	LOC_Os04g03920	expressed protein	4.7	1.5	1.6
Os.55093.1.S1_at	LOC_Os03g04370	protein-methionine-S-oxide reductase, putative, expressed	1.9	1.3	1.2
Os.55247.1.S1_at	LOC_Os05g50100	expressed protein	4.2	2.6	1.9
Os.55253.1.S1_at	LOC_Os05g11610	expressed protein	6	3.1	1.1
Os.55266.1.S1_at	LOC_Os07g10620	expressed protein	-1.6	-1.5	-1.8
Os.55272.1.S1_at	LOC_Os01g03130	expressed protein	1.7	2.6	1.8
Os.55343.1.S1_at	LOC_Os04g56030	glycine-rich cell wall structural protein precursor, putative, expressed	3.5	3.1	1.6
Os.55360.1.S1_at	LOC_Os02g50710	expressed protein	3	2.3	2.7
Os.55372.1.S1_x_at	LOC_Os02g02730	expressed protein	3.7	1.9	3.8
Os.55382.1.S1_at	LOC_Os03g08940	expressed protein	3.5	2.5	1.8
Os.55392.1.S1_at	LOC_Os02g57350	expressed protein	2.8	1.4	2.2
Os.55407.1.S1_at	LOC_Os03g58500	expressed protein	7.5	3.2	4.6
Os.55448.1.S1_at	LOC_Os02g11870	expressed protein	4.3	2.8	1.9
Os.55531.1.S1_at	LOC_Os03g32420	expressed protein	4	2	1.9
Os.55532.1.S1_at	LOC_Os03g02300	expressed protein	2	3.9	3.6
Os.55634.1.S1_at	LOC_Os03g19260	expressed protein	2	2	2.3
Os.55699.1.S1_at	LOC_Os08g40500	expressed protein	-1.4	-1.4	-1.1
Os.55850.1.S1_at	LOC_Os08g34800	expressed protein	1.8	1.2	1.3
Os.55984.1.S1_at	LOC_Os05g46840	proline-rich protein, putative, expressed	3.5	2.5	2.1
Os.56014.1.S1_at	LOC_Os01g40190	retrotransposon protein, putative, unclassified, expressed	1.4	1.3	2.4
Os.56018.1.S1_at	LOC_Os05g44060	expressed protein	1.5	1.3	1.1
Os.56019.1.S1_at	LOC_Os06g04480	expressed protein	-1.6	-1.1	-1
Os.56086.1.S1_at	LOC_Os10g30880	expressed protein	1.8	1.9	1.6

Os.56173.1.S1_at	LOC_Os04g45340	expressed protein	2.9	3.6	2.5
Os.56964.1.S1_at	LOC_Os06g46980	expressed protein	2.8	3.2	2.7
Os.57152.1.S1_at	LOC_Os02g38890	expressed protein	3.5	1.2	2
Os.57191.1.S1_at	LOC_Os06g05470	expressed protein	4.4	1.1	2
Os.57301.1.S1_at	LOC_Os02g52170	expressed protein	1.4	3.1	2.3
Os.57343.1.S1_at	LOC_Os02g50110	expressed protein	3.8	4.2	1.1
Os.5736.1.S1_s_at	LOC_Os10g26620	dof zinc finger domain containing protein, putative, expressed	-1.4	-1.7	-1.3
Os.5774.1.S1_at	LOC_Os10g34795	expressed protein	-1.5	-1.5	-1.1
Os.6048.1.A1_at	LOC_Os04g11030	expressed protein	-1.4	-2.2	-2.7
Os.606.1.S1_at	LOC_Os06g04220	expressed protein	1.5	1.6	1.6
Os.6129.1.S1_at	LOC_Os11g43990	expressed protein	2.4	2.4	2.7
Os.6152.1.S1_at	LOC_Os05g08900	expressed protein	2.3	1.7	1.3
Os.6242.1.S1_s_at	LOC_Os07g41600	proline-rich protein, putative, expressed	1.6	1.8	1.2
Os.6304.1.S1_at	LOC_Os08g31090	expressed protein	2.6	2.8	2.8
Os.6376.1.S1_at	LOC_Os06g10210	expressed protein	3	2.5	2.4
Os.6581.1.S1_at	LOC_Os10g43060	expressed protein	2.5	1.9	1.7
Os.6683.1.S1_at	LOC_Os01g58130	expressed protein	1.8	1.6	2.4
Os.6723.1.S1_at	LOC_Os02g33330	expressed protein	2.3	4.8	2.2
Os.6764.1.S1_at	LOC_Os04g54310	expressed protein	1.5	2.6	1.1
Os.7206.1.S1_at	LOC_Os01g45250	DUF1645 domain containing protein, putative, expressed	3.1	1	1.4
Os.7770.1.S1_at	LOC_Os05g05030	expressed protein	1.8	1.1	2.6
Os.8052.1.S1_at	LOC_Os03g51390	expressed protein	2.2	2.7	1.4
Os.8260.1.S1_at	LOC_Os10g28680	DUF581 domain containing protein, expressed	-3.3	-2.1	-2.8

Os.8444.1.S1_s_at	LOC_Os04g57700	expressed protein	-1	-1.4	-1.2
Os.8480.1.S1_at	LOC_Os05g30700	expressed protein	1.2	2.1	1.9
Os.8527.1.S1_at	LOC_Os03g10920	syntaxin 6, N-terminal domain containing protein, expressed	1.6	1.1	1.3
Os.8527.2.S1_x_at	LOC_Os10g20240	syntaxin 6, N-terminal domain containing protein, expressed	2.3	1	1.2
Os.8568.1.S1_at	LOC_Os11g17350	expressed protein	-1.6	-2	-1.5
Os.8774.1.S1_at	LOC_Os05g37520	expressed protein	1.4	1.3	1.5
Os.8823.1.S1_at	LOC_Os03g02470	expressed protein	10.5	10.1	7.7
Os.8824.1.S1_at	LOC_Os01g59900	expressed protein	1.8	1.3	1
Os.9002.1.S1_at	LOC_Os09g13590	expressed protein	-2	-2.8	-3.2
Os.9113.1.S1_a_at	LOC_Os01g51010	DUF292 domain containing protein, expressed	1	1.1	1.2
Os.9113.3.S1_x_at	LOC_Os01g51010	DUF292 domain containing protein, expressed	1	1	1.2
Os.9154.1.S1_at	LOC_Os01g56220	expressed protein	3.1	1.3	1.6
Os.9276.1.S1_s_at	LOC_Os07g07900	expressed protein	-1.8	-1.3	-2.7
Os.9930.1.S1_at	LOC_Os02g33060	expressed protein	-2	-1.9	-2
OsAffx.11145.1.S1_s_at	LOC_Os01g21590	homeodomain, putative, expressed	2.5	3.1	2.9
OsAffx.11368.1.S1_at	LOC_Os01g37920	expressed protein	1	1.3	1
OsAffx.11849.1.S1_s_at	LOC_Os01g74670	expressed protein	-1.1	-1.6	-1.2
OsAffx.12055.2.S1_at	LOC_Os02g15500	plant protein of unknown function domain containing protein, expressed	2	4.1	3.1
OsAffx.12326.1.S1_at	LOC_Os02g33060	expressed protein	-1.9	-1.4	-1.5
OsAffx.12554.1.S1_at	LOC_Os02g48640	expressed protein	1.5	1	1.4
OsAffx.13437.1.S1_at	LOC_Os03g50280	GLTP domain containing protein, putative, expressed	3.6	2.3	2
OsAffx.13491.1.S1_at	LOC_Os03g55180	DUF1336 domain containing protein, expressed	2	1.4	1.3
OsAffx.13717.1.S1_s_at	LOC_Os04g07890	AGAP002737-PA, putative, expressed	1.2	1.7	1.1



OsAffx.14474.1.S1_at	LOC_Os04g58890	expressed protein	1.8	1.3	1.2
OsAffx.14600.1.S1_at	LOC_Os05g08830	expressed protein	5.5	4.5	5.2
OsAffx.15140.1.S1_at	LOC_Os05g47960	expressed protein	2.6	2	1.3
OsAffx.15421.1.S1_at	LOC_Os06g14180	expressed protein	3.5	6.4	5.6
OsAffx.16648.1.S1_at	LOC_Os07g40040	expressed protein	1.1	1.4	1.2
OsAffx.17259.1.S1_s_at	LOC_Os08g31090	expressed protein	2.9	3.9	3.2
OsAffx.18426.1.S1_x_at	LOC_Os10g28160	expressed protein	3.4	1.5	1
OsAffx.21743.1.S1_s_at	LOC_Os12g35470	expressed protein	4.5	5	7
OsAffx.22594.1.S1_x_at	LOC_Os06g03810	expressed protein	1.2	5.4	1.2
OsAffx.22999.1.S1_at	LOC_Os07g32710	retrotransposon protein, putative, unclassified, expressed	8	7.9	8.6
OsAffx.23070.1.S1_at	LOC_Os01g03130	expressed protein	1.6	1.8	1.3
OsAffx.2403.1.S1_at	LOC_Os01g64440	expressed protein	4.6	3	2.7
OsAffx.24369.13.S1_s_at	LOC_Os01g49370	expressed protein	4.3	2	2
OsAffx.24726.1.S1_s_at	LOC_Os02g44710	expressed protein	1.6	1.6	1.6
OsAffx.25199.1.S1_at	LOC_Os03g22960	expressed protein	-1.5	-1.1	-1.3
OsAffx.25907.1.S1_x_at	LOC_Os04g07280	AGAP002737-PA, putative, expressed	1.6	2.1	2
OsAffx.25914.1.S1_at	LOC_Os04g07830	expressed protein	1.4	2.4	2.3
OsAffx.27605.1.S1_s_at	LOC_Os06g13190	expressed protein	2.4	2.3	2.5
OsAffx.28294.3.S1_x_at	LOC_Os05g36240	expressed protein	2.9	2.5	2.6
OsAffx.29773.1.S1_at	LOC_Os09g09210	expressed protein	6.8	6.6	6
OsAffx.30041.1.S1_at	LOC_Os09g26530	expressed protein	1.8	1.8	2.2
OsAffx.31986.1.S1_at	LOC_Os12g32610	expressed protein	2.2	2.6	1.7
OsAffx.32172.1.S1_s_at	LOC_Os12g43580	expressed protein	3.7	3.5	5

OsAffx.3652.1.S1_at	LOC_Os03g60210	DUF567 domain containing protein, putative, expressed	3	1.9	1.8
OsAffx.3970.1.S1_at	LOC_Os04g31760	expressed protein	-1.3	-1.8	-2.2
OsAffx.4103.1.S1_s_at	LOC_Os04g45940	transcription factor like protein, putative, expressed	1.2	1	1.2
OsAffx.4280.2.A1_at	LOC_Os05g08910	expressed protein	4	5	2
OsAffx.5568.1.S1_at	LOC_Os07g38630	expressed protein	2.3	2.5	1.9
OsAffx.6035.1.S1_at	LOC_Os08g35580	expressed protein	4.8	2.2	1.7

1 Note: Fold=Signal Log<sub>2</sub> Ratio. Positive values mean gene up-regulation in G316 compared with TP309, or vice versa.