Supplementary Table 1. Primer sequences used for qPCR analyses

Gene ID	Gene description	Forward primer (5'-3')	Reverse primer (5'-3')
LOC_Os01g22490	Ubiquitin 5	ACCACTTCGACCGCCACTACT	ACGCCTAAGCCTGCTGGTT
LOC_Os04g45920	protein kinase domain containing protein	TGCTGGATGATGAGTTCAGACC	ATCACCGCTGTGGAGACATG
LOC_Os05g03620	TKL_IRAK_CR4L.4	ATCGTCTACTGCCTCCTCTTC	TGTTGTTGCTGGCGATGTTG
LOC_Os02g34600	CAMK_CAMK_like.13 - CAMK includes calcium/calmodulin depedent protein kinases	TTTGCCACCGGGATTTGAAG	TTGAGTGCAGCAGTGATGAC
LOC_Os01g51920	phosphotransferase	AAAGGCAGGCTTTTCAACGG	TCGAAGTCGATGGACACCTTG
LOC_Os02g05970	phytosulfokine receptor precursor	TTGACTGGCCAACACGTTTC	ACAATGTGAGGCTTGCAGAC
LOC_Os12g15680	laccase precursor protein	TGGTTGCTTCCGTTGCTC	GTGTTGTAGGGTGACTCGTTGA
LOC_Os05g33410	xylanase inhibitor	CGTTCTTGACCGAGGGC	GATGAGCGACGACTTGGAG
LOC_Os03g53800	periplasmic beta-glucosidase precursor	CTTTGCTCCTTGCGTTGC	TCTCGTTGATTCCCTTGACC

Supplementary Table 2. Differentially expressed genes in response to MSP1 treatment

Functional categories	TIGR_Locus IDs	Annotation	Log 2 Fold change MSP1 6h_control	Log 2 Fold change MSP1 24h_control
	LOC_Os01g01280	expressed protein	-3.2399	-0.874
	LOC_Os01g01840	helix-loop-helix DNA-binding domain containing protein	-2.7168	-0.0921
	LOC_Os01g02780	TAK33	-1.6779	0.17353
	LOC_Os01g02900	glycosyltransferase	-1.6297	0.90885
	LOC_Os01g03820	C2 domain containing protein	-1.6727	-0.9516
	LOC_Os01g06310	glycine-rich cell wall structural protein precursor	-1.7653	-0.8806
	LOC_Os01g08320	OsIAA1 - Auxin-responsive Aux/IAA gene family member	1.64051	0.52815
	LOC_Os01g08510	MAR-binding filament-like protein 1	-3.5441	-0.5687
	LOC_Os01g09990	helix-loop-helix DNA-binding domain containing protein	-1.9898	-0.276
	LOC_Os01g10680	GIL1	1.54138	0.35448
	LOC_Os01g12770	cytochrome P450	-2.3902	-0.3603
	LOC_Os01g12920	thioesterase family protein	-1.7888	0.96906
	LOC_Os01g14410	early light-induced protein, chloroplast precursor	2.40613	0.87404
	LOC_Os01g15320	RALFL9 - Rapid ALkalinization Factor RALF family protein precursor	-1.8403	-0.1603
	LOC_Os01g16152	peroxiredoxin	-1.5427	-0.211
	LOC_Os01g16170	PQ loop repeat domain containing protein	3.00012	-0.4903
	LOC_Os01g16714	flavin monooxygenase	-2.1211	-0.389
	LOC_Os01g17396	expressed protein	1.54422	-0.5359
	LOC_Os01g18170	Cupin domain containing protein	-1.5811	0.01945
	LOC_Os01g23870	expressed protein	-1.7335	-0.3638
	LOC_Os01g24090	TPR repeat	-2.3304	-0.6696
	LOC_Os01g28540	stress regulated protein	-1.7113	-0.6794
	LOC_Os01g32364	Os1bglu1 - beta-mannosidase/glucosidase homologue	-1.613	-0.1936
	LOC_Os01g33110	receptor-like protein kinase 5 precursor	-1.5805	-0.5544
	LOC_Os01g42280	pentatricopeptide	-1.5917	-0.7237
	LOC_Os01g45274	carbonic anhydrase, chloroplast precursor	-1.9039	-0.9902
	LOC_Os01g45450	AAA family ATPase	-1.5108	0.35628
	LOC_Os01g47350	enoyl-CoA hydratase/isomerase family protein	-2.5436	-0.3624
	LOC_Os01g47580	lipid phosphatase protein	-2.7549	-0.8089
	LOC_Os01g48874	wax synthase	-1.8305	-0.5935
	LOC_Os01g50616	phosphatidylinositol transfer	-1.7222	0.11313

LOC_Os01g52010	alliin lyase precursor	-1.5258	-0.4128
LOC_Os01g52240	chlorophyll A-B binding protein	-2.2205	-0.3911
LOC_Os01g53240	BURP domain containing protein	-2.6859	-0.418
LOC_Os01g54370	dihydropyrimidinase	-1.9662	-0.7478
LOC_Os01g55240	gibberellin 2-beta-dioxygenase	-2.3629	-0.3888
LOC_Os01g58280	OsSub8 - Putative Subtilisin homologue	-1.9489	0.69319
LOC_Os01g58380	3-hydroxybutyryl-CoA dehydrogenase	1.7078	0.42045
LOC_Os01g58500	expressed protein	-1.6596	-0.4416
LOC_Os01g59920	cysteine synthase, chloroplast precursor	-1.5568	-0.5997
LOC_Os01g62010	hydrolase, alpha/beta fold family domain containing protein	-1.6385	0.25852
LOC_Os01g62480	laccase precursor protein	-1.615	0.18537
LOC_Os01g62980	LTPL101 - Protease inhibitor/seed storage/LTP family protein precursor	-1.9293	-0.2225
LOC_Os01g63210	SOUL heme-binding protein	3.14351	0.24264
LOC_Os01g64110	glycosyl hydrolase	-1.5634	0.36206
LOC_Os01g64450	harpin-induced protein 1 domain containing protein	-1.5988	-0.4036
LOC_Os01g65380	patellin protein	1.56994	0.96326
LOC_Os01g65510	OsFBX31 - F-box domain containing protein	-1.8799	0.16161
LOC_Os01g65690	4,5-DOPA dioxygenase extradiol	-5.024	-0.8837
LOC_Os01g66240	mitochondrion protein	2.27274	0.28725
LOC_Os01g67630	peptide transporter PTR2	-1.6987	-0.3616
LOC_Os01g68840	CRP6 - Cysteine-rich family protein precursor	-1.5352	-0.7958
LOC_Os01g70820	lumenal PsbP	1.67691	0.85287
LOC_Os01g72290	expressed protein	-1.954	-0.4887
LOC_Os01g74020	MYB family transcription factor	-2.5638	-0.7878
LOC_Os01g74650	cysteine synthase, mitochondrial precursor	-1.7114	-0.6294
LOC_Os02g02540	glutamate receptor	-1.6183	-0.714
LOC_Os02g04460	ribosomal protein L3	-2.1691	-0.6503
LOC_Os02g05030	sucrose-phosphatase	-1.9319	-0.807
LOC_Os02g05330	DEAD-box ATP-dependent RNA helicase	1.65848	0.52757
LOC_Os02g06210	phytosulfokine receptor precursor	-1.8925	-0.8509
LOC_Os02g09930	CSLA1 - cellulose synthase-like family A; mannan synthase	-1.7698	-0.9939
LOC_Os02g12650	puromycin-sensitive aminopeptidase	1.62895	0.57728
LOC_Os02g14540	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	1.53692	0.92292
LOC_Os02g14929	T-complex protein	-2.025	-0.7279

LOC_Os02g17710	receptor-like protein kinase 5 precursor	-1.8511	-0.9271
LOC_Os02g22020	MYB family transcription factor	-1.966	-0.6806
LOC_Os02g28040	lipase	1.50212	0.9745
LOC_Os02g33060	expressed protein	1.53801	0.02203
LOC_Os02g33070	expressed protein	2.14719	0.86992
LOC_Os02g33944	transposon protein, CACTA, En/Spm sub-class	-1.923	-0.0383
LOC_Os02g36140	terpene synthase	-2.18	0.74373
LOC_Os02g36150	cytochrome P450	-1.7009	0.04564
LOC_Os02g36210	ent-kaurene synthase, chloroplast precursor	-3.0286	-0.4528
LOC_Os02g36490	expressed protein	1.7911	0.46411
LOC_Os02g37300	heavy metal associated domain containing protein	-1.9391	-0.0933
LOC_Os02g37309	expressed protein	-1.724	-0.0717
LOC_Os02g38160	glycosyl transferase family 17 protein	-1.7046	-0.1416
LOC_Os02g38820	expressed protein	-1.6653	-0.9521
LOC_Os02g38970	expressed protein	-1.6196	-0.0482
LOC_Os02g39610	expressed	2.15988	-0.6234
LOC_Os02g39710	CCT/B-box zinc finger protein	1.95185	-0.434
LOC_Os02g40010	phosphoribosyl transferase	-1.5432	-0.6197
LOC_Os02g42450	RIPER1 - Ripening-related family protein precursor	1.91453	-0.9874
LOC_Os02g43360	cytochrome b5-like Heme/Steroid binding domain containing protein	-1.5656	-0.0485
LOC_Os02g45930	expressed protein	1.82948	0.40633
LOC_Os02g46460	peptide transporter PTR2	2.85561	0.01486
LOC_Os02g47450	expressed protein	-1.8558	-0.7525
LOC_Os02g47560	DNA-binding protein	1.9031	0.5145
LOC_Os02g49230	CCT/B-box zinc finger protein	-2.3877	0.89503
LOC_Os02g49860	AWPM-19-like membrane family protein	1.78815	0.67419
LOC_Os02g50460	immediate-early fungal elicitor protein CMPG1	-2.5324	0.07718
LOC_Os02g50799	nuclear-pore anchor	1.56486	0.79465
LOC_Os02g51790	ribosomal protein L29	-2.5304	-0.4243
LOC_Os02g51900	cytokinin-O-glucosyltransferase 2	-1.7976	-0.7956
LOC_Os02g52450	regulator of ribonuclease	-2.2761	-0.9084
LOC_Os02g54060	chaperonin	-2.3492	-0.0802
LOC_Os02g56370	OsWAK20 - OsWAK receptor-like protein kinase	-2.3822	-0.8374
LOC_Os02g56700	dehydrogenase	-2.7822	-0.5946

LOC_Os02g56940	expressed protein	-1.9823	-0.9756
LOC_Os02g57290	cytochrome P450	-1.6564	-0.0097
LOC_Os03g01530	tubulin/FtsZ domain containing protein	-1.5062	-0.6339
LOC_Os03g02040	remorin	-2.7166	-0.898
LOC_Os03g02430	PPR repeat domain containing protein	-1.5314	-0.7093
LOC_Os03g03020	L11 domain containing ribosomal protein	-2.4802	-0.8961
LOC_Os03g03470	expressed protein	-1.6151	-0.6682
LOC_Os03g03600	fasciclin-like arabinogalactan protein	-1.828	-0.1553
LOC_Os03g03790	AMP-binding domain containing protein	-2.2671	0.36639
LOC_Os03g04770	beta-amylase	2.58953	0.47913
LOC_Os03g05270	RING finger and CHY zinc finger domain-containing protein 1	-2.6047	-0.3625
LOC_Os03g05310	pheophorbide a oxygenase, chloroplast precursor	1.82102	-0.4192
LOC_Os03g05520	nicotiana lesion-inducing like	-1.5392	-0.2524
LOC_Os03g05570	RING-H2 finger protein ATL3F	-1.6938	-0.9878
LOC_Os03g05880	monooxygenase	2.10721	0.7411
LOC_Os03g05920	expressed protein	-1.9257	-0.7315
LOC_Os03g05990	expressed protein	-1.9122	-0.6157
LOC_Os03g06720	expressed protein	-2.1631	-0.8886
LOC_Os03g06730	plant protein of unknown function domain containing protein	-2.7689	-0.8239
LOC_Os03g08550	STRUBBELIG-RECEPTOR FAMILY 6 precursor	-2.0079	-0.4009
LOC_Os03g09220	stage II sporulation protein E	2.83965	0.94702
LOC_Os03g12230	caleosin related protein	-1.5222	-0.4899
LOC_Os03g12260	cytochrome P450 protein	-2.6583	-0.6217
LOC_Os03g13180	peroxidase precursor	1.63999	-0.4116
LOC_Os03g14030	thaumatin	-2.4958	-0.3707
LOC_Os03g14250	plant protein of unknown function DUF869 domain containing protein	-1.7793	-0.1054
LOC_Os03g15870	ribosomal protein L4	-2.4839	-0.9439
LOC_Os03g15910	membrane protein	2.4699	0.08411
LOC_Os03g16334	fringe-related protein	-2.3383	-0.0494
LOC_Os03g16600	expressed protein	1.56276	-0.4448
LOC_Os03g17100	Core histone H2A/H2B/H3/H4 domain containing protein	1.62008	0.28079
LOC_Os03g17120	arginine biosynthesis bifunctional protein argJ 1	-2.033	-0.7717
LOC_Os03g17200	plant-specific domain TIGR01589 family protein	2.10854	-0.3258
LOC_Os03g18870	heat shock protein DnaJ	-1.6043	0.53941

LOC_Os03g18890	glycosyl transferase 8 domain containing protein	-1.9423	-0.0929
LOC_Os03g20420	alpha-N-arabinofuranosidase A	2.28253	0.09431
LOC_Os03g22790	beta-amylase	2.91131	0.98845
LOC_Os03g27019	expressed protein	1.605	0.42121
LOC_Os03g27190	ICE-like protease p20 domain containing protein	-2.1889	-0.2656
LOC_Os03g29970	histone-like transcription factor and archaeal histone	-2.5984	-0.8496
LOC_Os03g31510	cysteine proteinase inhibitor 8 precursor	-1.7211	-0.1314
LOC_Os03g31730	expressed protein	-3.2756	-0.9657
LOC_Os03g37640	MATE efflux family protein	1.60674	-0.9509
LOC_Os03g38470	GDSL-like lipase/acylhydrolase	-1.7807	0.21168
LOC_Os03g38790	expressed protein	-1.6481	-0.8312
LOC_Os03g38800	AAA family ATPase	-1.7936	-0.2122
LOC_Os03g40100	ACT domain containing protein	1.86251	-0.4648
LOC_Os03g43720	transporter family protein	1.9125	0.70026
LOC_Os03g45400	antitermination NusB domain-containing protein	-1.9876	-0.4615
LOC_Os03g47640	expressed protein	-3.4216	-0.7978
LOC_Os03g48050	RNA methyltransferase, TrmH family protein	-1.5493	-0.7463
LOC_Os03g48710	expressed protein	1.60558	0.28304
LOC_Os03g50530	expressed protein	-1.8914	-0.681
LOC_Os03g51530	expressed protein	-2.2294	-0.8061
LOC_Os03g51920	peptidase, M50 family	1.93968	0.7731
LOC_Os03g52630	endoglucanase	-1.5615	-0.7265
LOC_Os03g53640	expressed protein	-2.6021	-0.5811
LOC_Os03g54040	ribosomal protein L6	-2.6485	-0.4015
LOC_Os03g54050	anther-specific proline-rich protein APG precursor	-1.8482	-0.2382
LOC_Os03g54220	expressed protein	-1.9817	-0.6397
LOC_Os03g55090	alpha-glucan phosphorylast isozyme	-1.9833	-0.9155
LOC_Os03g55290	GASR3 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor	-2.3284	-0.1888
LOC_Os03g55970	uncharacterized protein ycf44	-1.5831	-0.2356
LOC_Os03g56270	receptor protein kinase CLAVATA1 precursor	-2.1467	-0.8133
LOC_Os03g56840	GTP-binding protein	-1.5996	-0.2004
LOC_Os03g56869	ribose-5-phosphate isomerase A	-1.6167	-0.7924
LOC_Os03g57460	fasciclin domain containing protein	-1.6891	-0.0315
LOC_Os03g57680	aldehyde oxidase	1.53457	0.04348

LOC_Os03g59210	expressed protein	-1.5535	0.15145
LOC_Os03g61260	ribosomal L18p/L5e family protein	-2.0245	-0.8833
LOC_Os03g61690	protein phosphatase 2C	1.53828	0.93701
LOC_Os03g61720	glycerol-3-phosphate acyltransferase	-1.8695	-0.537
LOC_Os03g62630	ribosomal protein S6	-2.4499	-0.7536
LOC_Os03g64300	THION30 - Plant thionin family protein precursor	1.60663	0.79278
LOC_Os04g02640	3-ketoacyl-CoA synthase 6	-1.5927	-0.5641
LOC_Os04g02900	dehydrogenase E1 component domain containing protein	1.80533	-0.6692
LOC_Os04g03060	expressed	-1.7476	-0.4011
LOC_Os04g09900	ent-kaurene synthase, chloroplast precursor	-2.8611	-0.4215
LOC_Os04g09920	cytochrome P450	-2.9703	0.14799
LOC_Os04g10060	ent-kaurene synthase, chloroplast precursor	-3.8983	-0.8745
LOC_Os04g14690	flavin-containing monooxygenase family protein	-2.5039	-0.53
LOC_Os04g15690	DSBA-like thioredoxin domain containing protein	-2.8684	0.72485
LOC_Os04g15920	dehydrogenase	-2.3994	0.58383
LOC_Os04g27020	cytochrome P450	-2.0805	-0.9779
LOC_Os04g27790	terpene synthase	-1.6782	-0.5014
LOC_Os04g33190	AMP-binding enzyme	1.75595	0.42774
LOC_Os04g33200	heparan-alpha-glucosaminide N-acetyltransferase	-2.1399	-0.4997
LOC_Os04g33970	2-Cys peroxiredoxin BAS1, chloroplast precursor	-1.717	-0.9989
LOC_Os04g35210	Leucine Rich Repeat family protein	-1.883	-0.2203
LOC_Os04g35240	CAMK_CAMK_like.25 - CAMK includes calcium/calmodulin depedent protein kinases	-1.6919	-0.2204
LOC_Os04g35800	zinc finger C-x8-C-x5-C-x3-H type family protein	1.85111	0.01581
LOC_Os04g36070	OsRR1 type-A response regulator	-2.3169	-0.8948
LOC_Os04g36800	3-oxoacyl-synthase	-2.2814	-0.441
LOC_Os04g37550	aspartic proteinase nepenthesin-2 precursor	-2.2342	0.11075
LOC_Os04g38750	plastid-specific 30S ribosomal protein 3, chloroplast precursor	-1.6365	-0.8868
LOC_Os04g39010	heavy metal associated domain containing protein	-2.2771	0.38432
LOC_Os04g39840	Os4bglu10 - beta-glucosidase homologue, similar to Os4Bglu12 exoglucanase/beta-	-2.3249	-0.2842
LOC_Os04g40530	methyltransferase domain containing protein	-1.8587	-0.0206
LOC_Os04g43550	MazG nucleotide pyrophosphohydrolase domain containing protein	1.58716	0.22607
LOC_Os04g44870	C2 domain containing protein	-2.1674	-0.1302
LOC_Os04g46000	cyclin	-1.5477	-0.9008
LOC_Os04g46440	AP2 domain containing protein	-2.3941	-0.5842

LOC_Os04g46780	MSP domain containing protein	-1.6758	-0.1639
LOC_Os04g47670	expressed protein	-1.5254	-0.8333
LOC_Os04g48750	3-oxo-5-alpha-steroid 4-dehydrogenase	1.62374	0.12404
LOC_Os04g49194	naringenin,2-oxoglutarate 3-dioxygenase	-2.3406	0.14708
LOC_Os04g52330	expressed protein	1.71438	0.43431
LOC_Os04g52780	leucine-rich repeat receptor protein kinase EXS precursor	-2.1707	-0.552
LOC_Os04g52880	expressed protein	-1.5454	-0.8164
LOC_Os04g56730	repressor of RNA polymerase III transcription MAF1	-1.5047	-0.6975
LOC_Os04g58920	U-box domain-containing protein	-1.8273	-0.2375
LOC_Os05g01120	cytochrome P450	-1.5078	-0.7339
LOC_Os05g02200	cysteine-rich repeat secretory protein 55 precursor	-1.5936	-0.9662
LOC_Os05g04000	expressed protein	-1.6254	0.52899
LOC_Os05g04500	peroxidase precursor	-3.9601	-0.701
LOC_Os05g05020	expressed protein	-1.7398	0.10392
LOC_Os05g05030	expressed protein	-2.5675	0.60955
LOC_Os05g05040	expressed protein	-3.4317	-0.6901
LOC_Os05g06720	GDSL-like lipase/acylhydrolase	-2.1504	-0.0015
LOC_Os05g06780	LTPL104 - Protease inhibitor/seed storage/LTP family protein precursor	-4.1156	-0.5672
LOC_Os05g06920	relA-SpoT like protein RSH4	-2.406	-0.1454
LOC_Os05g09724	HAD superfamily phosphatase	-2.1401	0.43495
LOC_Os05g11650	GIL1	1.50301	0.89093
LOC_Os05g12474	expressed protein	1.70287	-0.7647
LOC_Os05g16930	protein kinase domain containing protein	2.14716	0.35022
LOC_Os05g23440	solute carrier family 35 member F1	2.16868	0.96454
LOC_Os05g30350	Os5bglu22 - beta-glucosidase homologue, similar to G. max isohydroxyurate hydrolase	4.50885	0.73921
LOC_Os05g31140	glycosyl hydrolases family 17	2.73025	-0.0826
LOC_Os05g33840	transketolase	-2.1375	-0.6039
LOC_Os05g35690	GASR6 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor	-1.6034	-0.6224
LOC_Os05g37520	expressed protein	-2.1598	0.24225
LOC_Os05g37780	expressed protein	-1.6181	0.23218
LOC_Os05g37830	expressed protein	2.35366	0.71882
LOC_Os05g38230	oxidoreductase, aldo/keto reductase family protein	-2.5899	-0.5379
LOC_Os05g40220	transposon protein, unclassified	-1.5397	-0.762
LOC_Os05g40280	B3 DNA binding domain containing protein	1.78597	-0.199

genes significantly regulated in MSP1_6h sample(475)	LOC_Os05g41800	ribosomal protein L11 methyltransferase-related	-2.1786	-0.7922
	LOC_Os05g42150	OsGH3.4 - Probable indole-3-acetic acid-amido synthetase	1.55974	0.27494
	LOC_Os05g45810	calcineurin B	1.80072	-0.7058
	LOC_Os05g45930	IQ calmodulin-binding motif family protein	-1.8597	-0.3253
	LOC_Os05g47700	LTPL152 - Protease inhibitor/seed storage/LTP family protein precursor	-1.7213	-0.5763
	LOC_Os05g48270	auxin-responsive protein	-2.0851	-0.7222
	LOC_Os05g48680	expressed protein	-1.7557	0.43232
	LOC_Os05g48880	expressed protein	1.74268	0.29111
	LOC_Os05g49380	OsDegp9 - Putative Deg protease homologue	-1.7353	-0.9678
	LOC_Os05g51240	hydrolase, alpha/beta fold family domain containing protein	-1.8125	0.58914
	LOC_Os05g51690	CCT motif family protein	-1.7002	-0.7673
	LOC_Os06g02340	OsFBX183 - F-box domain containing protein	-2.0605	-0.8578
	LOC_Os06g02620	chaperone protein dnaJ	1.66208	-0.1092
	LOC_Os06g02780	aspartic protease	-3.5456	-0.5094
	LOC_Os06g03560	oligopeptide transporter	-1.7598	-0.2387
	LOC_Os06g03700	oligopeptide transporter	-1.5425	-0.9982
	LOC_Os06g04889	expressed protein	1.71989	0.62069
	LOC_Os06g05000	early nodulin 93 ENOD93 protein	-1.9495	0.74255
	LOC_Os06g06250	GDSL-like lipase/acylhydrolase	-2.4534	-0.6879
	LOC_Os06g08090	heparanase-like protein precursor	-1.6588	-0.9823
	LOC_Os06g09610	peroxiredoxin	-2.0511	-0.8595
	LOC_Os06g11400	expressed protein	-2.2896	-0.1673
	LOC_Os06g11490	plastocyanin-like domain containing protein	-3.1001	-0.8819
	LOC_Os06g11660	phosphate-induced protein 1 conserved region domain containing protein	-1.83	0.52958
	LOC_Os06g12090	miro	-1.8542	-0.9002
	LOC_Os06g12370	OsFtsH6 FtsH protease, homologue of AtFtsH6	1.50783	0.70679
	LOC_Os06g13880	expressed protein	-2.193	0.77469
	LOC_Os06g14370	caleosin related protein	-2.1296	-0.067
	LOC_Os06g15370	peptide transporter PTR2	2.37775	-0.1005
	LOC_Os06g20320	peptidyl-prolyl cis-trans isomerase, FKBP-type	-1.6385	-0.8368
	LOC_Os06g21380	OsCttP3 - Putative C-terminal processing peptidase homologue	2.09935	0.03965
	LOC_Os06g22690	bundle sheath defective protein 2	-1.513	-0.6004
	LOC_Os06g23114	copper methylamine oxidase precursor	-1.5899	0.98114
	LOC_Os06g25130	expressed protein	1.63896	-0.0802

LOC_Os06g28840	expressed protein	-1.6546	-0.9145
LOC_Os06g29220	erythronate-4-phosphate dehydrogenase domain containing protein	1.66916	0.67302
LOC_Os06g29380	phospholipid-transporting ATPase	-1.9013	-0.8761
LOC_Os06g30370	osMFT1 MFT-Like1 homologous to Mother of FT and TFL1 gene; contains Pfam profile PF01161: Phosphatidylethanolamine-binding protein	1.79868	0.34145
LOC_Os06g33330	powdery mildew resistant protein 5	-2.4125	-0.8758
LOC_Os06g37300	cytochrome P450	-1.6323	-0.3866
LOC_Os06g37510	tetraspanin family protein	-1.5345	-0.8132
LOC_Os06g37610	Cyclopropane-fatty-acyl-phospholipid synthase	-2.4657	-0.8396
LOC_Os06g38950	ABC transporter, ATP-binding protein	-1.6629	-0.3892
LOC_Os06g39260	solute carrier family 35 member B1	-2.105	0.75073
LOC_Os06g40080	heme oxygenase 1	1.59404	0.38101
LOC_Os06g43350	cytochrome P450	-3.2324	-0.3153
LOC_Os06g43410	cytochrome P450	-1.7472	-0.7231
LOC_Os06g43660	inorganic H+ pyrophosphatase	1.61383	0.74461
LOC_Os06g43930	OsProCP2 - Putative Lysosomal Pro-x Carboxypeptidase homologue	-1.554	-0.1871
LOC_Os06g44180	NAD dependent epimerase/dehydratase family protein	-1.5783	-0.8528
LOC_Os06g44870	expressed protein	-2.1443	-0.9201
LOC_Os06g45940	potassium transporter	-1.7283	-0.5771
LOC_Os06g45960	cytochrome P450	-3.0909	-0.632
LOC_Os06g46740	early nodulin 20 precursor	-1.9319	-0.4779
LOC_Os06g47910	GDSL-like lipase/acylhydrolase	-1.9718	-0.9192
LOC_Os06g48180	glycosyl hydrolases family 16	-2.2427	-0.3157
LOC_Os06g48600	macrophage migration inhibitory factor	-2.5906	-0.8171
LOC_Os06g50870	DNL zinc finger domain containing protein	1.9261	-0.2452
LOC_Os06g51310	PAZ domain containing protein	-2.2669	-0.616
LOC_Os07g02200	plastocyanin-like domain containing protein	-1.9884	-0.6001
LOC_Os07g03730	SCP-like extracellular protein	2.14839	-0.1157
LOC_Os07g04990	oxidoreductase, aldo/keto reductase family protein	-1.7775	-0.545
LOC_Os07g05470	AIR9 protein	-1.7693	-0.2447
LOC_Os07g06680	fasciclin domain containing protein	-2.31	-0.7755
LOC_Os07g08150	early light-induced protein, chloroplast precursor	3.74569	0.62482
LOC_Os07g09140	expressed protein	-1.7773	0.35149
LOC_Os07g09970	LTPL84 - Protease inhibitor/seed storage/LTP family protein precursor	-2.3828	0.10946
LOC_Os07g10770	CESA8 - cellulose synthase	-1.7726	-0.8673

LOC_Os07g11110	NAD dependent epimerase/dehydratase family protein	-2.7297	-0.8743
LOC_Os07g11440	chalcone synthase	-2.4701	-0.4751
LOC_Os07g12160	KHG/KDPG aldolase	-1.7368	-0.8483
LOC_Os07g14600	hydrolase	-1.6157	-0.5143
LOC_Os07g17970	AMP-binding domain containing protein	-1.9021	0.67671
LOC_Os07g18720	tetratricopeptide repeat containing protein	-1.6865	-0.6436
LOC_Os07g23430	fatty acid desaturase	-1.5535	-0.6725
LOC_Os07g28850	retrotransposon protein, unclassified	-1.925	0.63932
LOC_Os07g30590	LTPL55 - Protease inhibitor/seed storage/LTP family protein precursor	-3.0991	-0.709
LOC_Os07g32620	anthocyanidin 5,3-O-glucosyltransferase	-1.9468	-0.6533
LOC_Os07g33310	MATE efflux family protein	-1.5905	-0.5238
LOC_Os07g33390	BCS1 protein	-2.0474	-0.0341
LOC_Os07g33780	pleiotropic drug resistance protein 5	-3.2177	-0.014
LOC_Os07g34950	uncharacterized membrane protein	-2.2383	-0.1201
LOC_Os07g36140	core histone H2A/H2B/H3/H4	1.57276	-0.126
LOC_Os07g36250	peptide chain release factor protein	-1.8065	-0.8613
LOC_Os07g38840	expressed protein	3.96778	0.52648
LOC_Os07g41410	EGG APPARATUS-1	-3.4851	0.49745
LOC_Os07g42610	RING finger protein	1.51176	0.94505
LOC_Os07g44330	kinase	3.17781	0.34424
LOC_Os07g45060	uncharacterized GPI-anchored protein At5g19240 precursor	-1.9062	-0.855
LOC_Os07g46780	tyrosine-specific transport protein	-1.7969	-0.402
LOC_Os07g46852	sex determination protein tasselseed-2	1.52658	0.51464
LOC_Os07g46930	sex determination protein tasselseed-2	1.50565	0.91105
LOC_Os07g47750	POEI49 - Pollen Ole e I allergen and extensin family protein precursor	-1.6048	-0.8837
LOC_Os07g48610	hydrolase, alpha/beta fold family domain containing protein	-1.9469	0.21259
LOC_Os07g49110	D-alanine--D-alanine ligase family	-2.5592	-0.2476
LOC_Os08g01930	KH domain-containing protein	1.63936	0.27043
LOC_Os08g03020	lectin-like receptor kinase 1	-1.7424	-0.2673
LOC_Os08g03630	acyl-activating enzyme 14	-1.9396	-0.345
LOC_Os08g04210	cysteine-rich repeat secretory protein 55 precursor	-1.8667	-0.0597
LOC_Os08g04440	RNA recognition motif containing protein	1.71975	0.90153
LOC_Os08g06170	berberine and berberine like domain containing protein	-1.7242	-0.3675
LOC_Os08g07060	CRR6	-1.9143	-0.8497

LOC_Os08g07490	expressed protein	-2.2757	-0.9719
LOC_Os08g08120	B-box zinc finger family protein	2.34143	-0.7969
LOC_Os08g09000	Cupin domain containing protein	3.29026	0.39322
LOC_Os08g09420	OsFBX266 - F-box domain containing protein	1.67874	0.72924
LOC_Os08g10080	no apical meristem protein	2.8313	-0.6342
LOC_Os08g12780	chloroplast envelope membrane protein	-1.5853	-0.9083
LOC_Os08g14000	retrotransposon protein, Ty1-copia subclass	-2.2493	-0.2345
LOC_Os08g15710	DC1 domain	-3.2543	0.37817
LOC_Os08g15840	ankyrin repeat-rich protein	1.67924	0.98444
LOC_Os08g19670	expressed protein	-2.0853	-0.2623
LOC_Os08g23180	fasciclin-like arabinogalactan protein 8 precursor	-1.8907	-0.7672
LOC_Os08g25839	expressed protein	-2.5802	0.90703
LOC_Os08g26820	plant protein of unknown function domain containing protein	-1.6597	-0.1839
LOC_Os08g27030	lipid phosphatase protein	-1.6946	0.25818
LOC_Os08g30080	1-aminocyclopropane-1-carboxylate oxidase homolog 4	-1.7652	-0.2758
LOC_Os08g32160	oxidoreductase, 2OG-FeII oxygenase domain containing protein	1.75731	0.01896
LOC_Os08g34280	cinnamoyl-CoA reductase	-2.3407	-0.7391
LOC_Os08g35760	Cupin domain containing protein	-3.8614	-0.7353
LOC_Os08g37790	phospho-2-dehydro-3-deoxyheptonate aldolase, chloroplast precursor	2.36064	0.83051
LOC_Os08g39330	skin secretory protein xP2 precursor	-2.0487	-0.0839
LOC_Os08g39810	retrotransposon protein, unclassified	-1.8044	0.85837
LOC_Os08g39870	Os8bglu28 - beta-glucosidase homologue, similar to Os4bglu12 exoglucanase	-1.6505	-0.7443
LOC_Os08g40500	expressed protein	1.7059	0.34727
LOC_Os08g41650	expressed protein	1.64	-0.7585
LOC_Os08g41880	nucleotide pyrophosphatase/phosphodiesterase	-1.5183	0.56264
LOC_Os08g43400	kinesin motor domain containing protein	-2.1978	-0.3759
LOC_Os08g44520	peptidyl-prolyl cis-trans isomerase	2.18572	0.98297
LOC_Os08g44850	C2 domain containing protein	-2.6822	-0.4396
LOC_Os09g04310	expressed protein	-1.9478	0.02918
LOC_Os09g04790	PAP fibrillin family domain containing protein	1.80051	-0.2974
LOC_Os09g07350	fasciclin-like arabinogalactan protein 8 precursor	-2.1806	-0.5259
LOC_Os09g10010	expressed protein	-1.7659	-0.3565
LOC_Os09g10760	RNA recognition motif containing protein	-2.6966	-0.7709
LOC_Os09g12660	glucose-1-phosphate adenylyltransferase large subunit, chloroplast precursor	-1.7579	0.23751

LOC_Os09g15820	aldose 1-epimerase	-1.6276	-0.1828
LOC_Os09g19710	hypersensitive-induced response protein	-2.6018	0.33058
LOC_Os09g25090	CAMK_KIN1/SNF1/Nim1_like.34 - CAMK includes calcium/calmodulin depedent protein kinases	-2.4044	-0.8589
LOC_Os09g25720	glycine-rich cell wall structural protein 2 precursor	-1.5109	-0.6253
LOC_Os09g26310	hypro1	-2.2447	-0.5826
LOC_Os09g26660	ferric reductase	-1.8492	-0.8062
LOC_Os09g26960	cytochrome P450	-1.8665	-0.1342
LOC_Os09g27830	OsPDIL2-3 protein disulfide isomerase PDIL2-3	-1.905	-0.6379
LOC_Os09g28520	expressed protein	-2.8141	-0.049
LOC_Os09g28850	expressed protein	-2.592	-0.6273
LOC_Os09g28910	carbonic anhydrase, chloroplast precursor	2.52612	0.98412
LOC_Os09g29600	OsWAK85 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK	-1.5182	-0.5103
LOC_Os09g31040	EF hand family protein	-2.4199	-0.0721
LOC_Os09g35630	BAG domain-containing protein	-2.4581	-0.8422
LOC_Os09g38410	sialin	1.59227	0.02595
LOC_Os09g38920	thiol protease SEN102 precursor	1.77576	0.98735
LOC_Os09g39190	OsFBO22 - F-box and other domain containing protein	-1.7375	0.76064
LOC_Os10g01470	homeobox associated leucine zipper	-1.5516	0.2228
LOC_Os10g02814	G-protein alpha subunit	1.51419	0.99796
LOC_Os10g03740	OsFBX348 - F-box domain containing protein	-1.5199	-0.6049
LOC_Os10g04800	expressed protein	-3.1507	-0.8711
LOC_Os10g09990	cytokinin-O-glucosyltransferase 3	1.68861	0.7168
LOC_Os10g13700	phosphoenolpyruvate carboxykinase	-2.4267	-0.6397
LOC_Os10g21130	expressed protein	-1.849	-0.4847
LOC_Os10g21460	expressed protein	-1.5192	-0.7594
LOC_Os10g22590	POEI24 - Pollen Ole e I allergen and extensin family protein precursor	-1.9877	-0.2773
LOC_Os10g23140	retrotransposon protein, unclassified	-1.8583	-0.9791
LOC_Os10g23180	cytochrome P450	-2.1407	-0.9022
LOC_Os10g25030	red chlorophyll catabolite reductase	1.60212	0.7731
LOC_Os10g25060	expressed protein	-2.7519	-0.4367
LOC_Os10g25140	aminotransferase, classes I and II, domain containing protein	-2.9188	-0.7678
LOC_Os10g25420	GDSL-like lipase/acylhydrolase	-1.587	0.10288
LOC_Os10g27990	exocyst complex component 6	-1.5083	0.07086
LOC_Os10g29240	expressed protein	-1.9208	-0.7011

LOC_Os10g30080	xylosyltransferase	-2.066	-0.5173
LOC_Os10g30156	starch synthase	-1.5628	-0.6748
LOC_Os10g32348	PsbP	-1.5137	-0.203
LOC_Os10g32810	beta-amylase	1.53809	0.41298
LOC_Os10g32980	CESA7 - cellulose synthase	-2.1002	-0.4586
LOC_Os10g36520	expressed protein	-1.8729	-0.4872
LOC_Os10g38470	glutathione S-transferase	1.51423	0.58158
LOC_Os10g38610	glutathione S-transferase	3.95287	0.00537
LOC_Os10g39020	fringe-related protein	-1.6488	-0.6619
LOC_Os10g39300	aspartic proteinase nepenthesin	-3.4484	0.11159
LOC_Os10g39500	expressed protein	1.86074	0.97589
LOC_Os10g39680	CHIT14 - Chitinase family protein precursor	-3.1177	0.08255
LOC_Os10g40620	expressed protein	-1.9182	-0.8557
LOC_Os10g41410	nucleoside diphosphate kinase	-2.7363	0.12105
LOC_Os10g42670	glycosyl hydrolases family 16	-1.6878	-0.9744
LOC_Os11g01530	ferritin-1, chloroplast precursor	2.09617	0.13343
LOC_Os11g02400	LTPL8 - Protease inhibitor/seed storage/LTP family protein precursor	-2.0129	-0.695
LOC_Os11g04830	embryogenesis transmembrane protein	-1.9565	-0.3787
LOC_Os11g07922	short chain dehydrogenase/reductase protein	-2.075	-0.4978
LOC_Os11g07930	oxidoreductase, short chain dehydrogenase/reductase family domain containing family	-3.0835	-0.5579
LOC_Os11g10330	OsFBX416 - F-box domain containing protein	-1.6333	-0.5463
LOC_Os11g10510	dehydrogenase	-2.0696	-0.1982
LOC_Os11g10680	expressed	-1.5622	-0.1913
LOC_Os11g12810	sucrose-phosphate synthase	-1.6494	-0.5538
LOC_Os11g17540	retrotransposon protein, Ty1-copia subclass	-2.0355	-0.1003
LOC_Os11g19730	expressed protein	-2.7549	-0.83
LOC_Os11g20170	expressed protein	-1.876	-0.9028
LOC_Os11g26950	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-1.6709	-0.6429
LOC_Os11g28184	expressed protein	-1.5473	-0.5515
LOC_Os11g29790	receptor kinase	-1.6448	-0.3184
LOC_Os11g30760	expressed protein	-2.0016	0.85286
LOC_Os11g31540	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-2.1475	-0.145
LOC_Os11g36150	receptor-like protein kinase 2 precursor	2.17925	-0.0102
LOC_Os11g36160	receptor-like protein kinase 2 precursor	2.26572	0.86823

LOC_Os11g37200	transmembrane BAX inhibitor motif-containing protein	-1.5403	-0.3405
LOC_Os11g38010	targeting protein for Xklp2	-1.7913	-0.7366
LOC_Os11g38220	DUF538 domain containing protein	-2.0598	0.06878
LOC_Os11g38790	expressed protein	-2.0211	-0.6199
LOC_Os11g41600	expressed protein	1.66723	0.24812
LOC_Os11g44680	calmodulin binding protein	-1.5653	-0.5936
LOC_Os11g45990	von Willebrand factor type A domain containing protein	-2.7342	0.03519
LOC_Os11g47530	glycosyl hydrolase	-2.3719	0.74533
LOC_Os11g47760	DnaK family protein	2.28425	0.48298
LOC_Os12g01530	ferritin-1, chloroplast precursor	2.19182	0.0092
LOC_Os12g02330	LTPL13 - Protease inhibitor/seed storage/LTP family protein precursor	-2.0264	-0.7195
LOC_Os12g02370	chalcone--flavonone isomerase	-2.0123	-0.906
LOC_Os12g02380	elongation factor P	-2.2683	-0.6992
LOC_Os12g05990	No apical meristem protein	-1.5767	-0.9375
LOC_Os12g06490	STE_PAK_Ste20_Slob_Wnk.6 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	1.53295	0.74444
LOC_Os12g08810	VTC2	2.77871	-0.0895
LOC_Os12g11980	expressed protein	-1.8235	-0.6905
LOC_Os12g13674	expressed protein	-1.8934	-0.8271
LOC_Os12g15470	OsSCP65 - Putative Serine Carboxypeptidase homologue	-1.6624	-0.0814
LOC_Os12g16080	expressed protein	1.96577	0.20057
LOC_Os12g17090	stripe rust resistance protein Yr10	-1.746	-0.9324
LOC_Os12g29220	nodulin MtN3 family protein	-1.9709	-0.426
LOC_Os12g31350	SSXT protein	1.51174	-0.6829
LOC_Os12g32760	transporter family protein	3.54973	0.86767
LOC_Os12g34510	Core histone H2A/H2B/H3/H4 domain containing protein	2.12963	0.49781
LOC_Os12g36270	expressed protein	-1.7584	-0.999
LOC_Os12g36830	pathogenesis-related Bet v I family protein	-1.9085	-0.1101
LOC_Os12g36850	pathogenesis-related Bet v I family protein	-2.5701	0.45263
LOC_Os12g36860	pathogenesis-related protein 10	-2.1151	-0.5064
LOC_Os12g36880	pathogenesis-related Bet v I family protein	-1.622	-0.4406
LOC_Os12g40470	DC1 domain-containing protein	1.85181	0.7252
LOC_Os12g41680	No apical meristem protein	1.87426	-0.6091
LOC_Os12g42300	potasium efflux antiporter protein	-1.9542	-0.5447
LOC_Os12g43390	thaumatin	-2.8867	-0.9971

LOC_Os12g43450	thaumatin family domain containing protein	-1.9799	-0.3736
LOC_Os12g43630	lactate/malate dehydrogenase	1.69129	0.76508
LOC_Os01g01120	enolase-phosphatase E1	-4.2009	-2.8231
LOC_Os01g01302	shikimate kinase	-2.5017	-2.4144
LOC_Os01g01650	isoflavone reductase homolog IRL	-3.3259	-1.4518
LOC_Os01g01710	1-deoxy-D-xylulose 5-phosphate reductoisomerase, chloroplast precursor	-1.7754	-2.4251
LOC_Os01g02020	acetyl-CoA acetyltransferase, cytosolic	1.873	1.54252
LOC_Os01g02080	peptidyl-prolyl cis-trans isomerase	-1.9465	-1.1691
LOC_Os01g02130	expressed protein	-3.4896	-1.578
LOC_Os01g02150	sulfated surface glycoprotein 185 precursor	-1.7072	-1.0182
LOC_Os01g02570	protein kinase domain containing protein	-1.5696	-1.1157
LOC_Os01g02700	protein kinase domain containing protein	-2.2981	-2.1873
LOC_Os01g02760	receptor-like kinase	-1.2661	-2.6468
LOC_Os01g02790	protein kinase domain containing protein	-1.7598	-1.3473
LOC_Os01g02810	resistance-related receptor-like kinase	-2.0805	-1.0128
LOC_Os01g02830	receptor-like kinase ARK1AS	-1.2207	-2.6317
LOC_Os01g02870	auxin-induced protein 5NG4	-1.1049	-2.1736
LOC_Os01g03030	alanyl-tRNA synthetase	1.72261	2.49098
LOC_Os01g03050	fruit protein PKIWI502	1.25299	1.75816
LOC_Os01g03180	retrotransposon protein, unclassified	-3.0073	-1.9151
LOC_Os01g03330	BBTI3 - Bowman-Birk type bran trypsin inhibitor precursor	3.08928	1.29433
LOC_Os01g03510	WD domain, G-beta repeat domain containing protein	2.11439	2.16025
LOC_Os01g03530	multicopper oxidase domain containing protein	1.21284	2.43085
LOC_Os01g03680	BBTI8 - Bowman-Birk type bran trypsin inhibitor precursor	2.51636	5.14955
LOC_Os01g03710	mannose-6-phosphate isomerase	1.167	2.59182
LOC_Os01g03870	expressed protein	1.43043	1.51513
LOC_Os01g04040	BBTI11 - Bowman-Birk type bran trypsin inhibitor precursor	1.13575	3.05524
LOC_Os01g04050	BBTI12 - Bowman-Birk type bran trypsin inhibitor precursor	1.19571	2.68718
LOC_Os01g04260	fatty acid hydroxylase	-2.1936	-2.497
LOC_Os01g04340	hsp20/alpha crystallin family protein	1.35024	2.75493
LOC_Os01g04370	hsp20/alpha crystallin family protein	3.92738	4.60293
LOC_Os01g04380	hsp20/alpha crystallin family protein	5.30208	5.43536
LOC_Os01g04570	Ser/Thr protein kinase	-1.1311	-1.9047
LOC_Os01g04580	Ser/Thr protein kinase	1.1443	4.23662

LOC_Os01g04620	transposon protein, unclassified	2.60306	5.88918
LOC_Os01g04710	aspartic proteinase	-1.2109	-1.5919
LOC_Os01g04900	peptidase M50 family protein	-1.4242	-1.7452
LOC_Os01g05064	expressed protein	1.81212	2.26648
LOC_Os01g05150	expressed protein	-2.1177	-1.377
LOC_Os01g05800	inner membrane protein	-2.2233	-2.1055
LOC_Os01g05830	expressed protein	1.01526	1.90585
LOC_Os01g06510	arginyl-tRNA synthetase	1.34816	3.4652
LOC_Os01g06560	transcription factor HBP-1b	1.91474	1.55656
LOC_Os01g06600	glutaryl-CoA dehydrogenase, mitochondrial precursor	1.14406	2.18155
LOC_Os01g06640	basic helix-loop-helix	3.16772	4.98764
LOC_Os01g06660	thiamine pyrophosphate enzyme, C-terminal TPP binding domain containing protein	2.02272	3.74282
LOC_Os01g06740	ribosome inactivating protein	1.52279	3.46341
LOC_Os01g06876	Cf-2	-2.1731	-1.335
LOC_Os01g07130	expressed protein	2.2351	2.37591
LOC_Os01g07250	saposin-like type B, region 1 family protein	-1.1461	-2.2341
LOC_Os01g07300	uncharacterized 50.6 kDa protein in the 5region of gyrA and gyrB	1.44261	2.31178
LOC_Os01g07630	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-1.2806	-1.5659
LOC_Os01g07700	expressed protein	-1.2385	-2.0065
LOC_Os01g07730	phosphate/phosphoenolpyruvate translocator-related protein	2.0085	2.77739
LOC_Os01g07910	NADH-cytochrome b5 reductase	-1.9358	-1.9258
LOC_Os01g08380	transferase family protein	2.48292	4.96584
LOC_Os01g08440	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	4.82282	1.8209
LOC_Os01g08680	myb/SANT domain protein	2.2946	2.96714
LOC_Os01g08780	endonuclease/exonuclease/phosphatase family domain containing protein	-1.3706	1.59782
LOC_Os01g08810	cytochrome P450	1.18528	1.8816
LOC_Os01g09020	WD domain, G-beta repeat domain containing protein	2.43347	3.80568
LOC_Os01g09080	WRKY107	1.17777	2.01521
LOC_Os01g09190	expressed protein	-1.4877	-1.8019
LOC_Os01g09220	transposon protein, CACTA, En/Spm sub-class	3.1996	6.97395
LOC_Os01g09540	HAD superfamily phosphatase	-3.382	-1.3478
LOC_Os01g09830	OsGrx_A2 - glutaredoxin subgroup III	1.37615	3.30152
LOC_Os01g10180	avr9/Cf-9 rapidly elicited protein 146	1.66667	3.16432
LOC_Os01g10250	hydrolase, alpha/beta fold family domain containing protein	2.04054	1.87102

LOC_Os01g10260	expressed protein	2.12018	2.42882
LOC_Os01g10690	POLD3 - Putative DNA polymerase delta complex subunit	1.20198	1.52149
LOC_Os01g10810	rho termination factor, N-terminal domain containing protein	-2.1512	-3.054
LOC_Os01g10890	CAMK_KIN1/SNF1/Nim1_like.8 - CAMK includes calcium/calmodulin depedent protein kinases	-3.8567	-3.8724
LOC_Os01g11054	phosphoenolpyruvate carboxylase	-2.2762	-1.1728
LOC_Os01g11160	amino acid permease family protein	-1.0976	-1.9966
LOC_Os01g11414	sodium/calcium exchanger protein	-2.9791	-1.8148
LOC_Os01g11620	GDSL-like lipase/acylhydrolase	-1.8076	-1.6248
LOC_Os01g11700	GDSL-like lipase/acylhydrolase	1.0887	2.26213
LOC_Os01g11860	DJ-1 family protein	-1.8184	-2.5052
LOC_Os01g12210	aluminum-activated malate transporter	-1.9301	-3.4339
LOC_Os01g12220	uncharacterized protein family UPF0016 domain containing protein	-3.5738	-1.6305
LOC_Os01g12320	GDSL-like lipase/acylhydrolase	-1.3001	-2.2209
LOC_Os01g12440	AP2 domain containing protein	1.30257	2.41259
LOC_Os01g12520	mitochondrial carrier protein	3.28658	6.25707
LOC_Os01g13570	phosphoglycerate mutase	-1.6535	-1.933
LOC_Os01g13690	ligA	-2.1689	-1.7446
LOC_Os01g13770	DUF250 domain containing protein	-2.7523	-1.8035
LOC_Os01g14670	Cupin domain containing protein	-2.5665	-1.3794
LOC_Os01g14890	expressed protein	-3.8588	-3.0366
LOC_Os01g15000	lipase	2.02181	3.23039
LOC_Os01g15340	flowering promoting factor-like 1	3.63254	4.94229
LOC_Os01g16146	phenazine biosynthesis protein	1.13057	2.06986
LOC_Os01g16250	expressed protein	1.41566	2.37955
LOC_Os01g16350	hydroxymethylglutaryl-CoA lyase	2.10786	1.38667
LOC_Os01g16650	ubiquitin-conjugating enzyme	1.9445	1.30622
LOC_Os01g17150	plastid-specific 50S ribosomal protein 5, chloroplast precursor	-2.7838	-1.734
LOC_Os01g17170	magnesium-protoporphyrin IX monomethyl ester cyclase,chloroplast precursor	-1.5622	-2.2473
LOC_Os01g17214	major facilitator superfamily antiporter	-2.7184	-1.5475
LOC_Os01g18220	expressed protein	1.31029	2.37652
LOC_Os01g18320	protoporphyrinogen oxidase, chloroplast precursor	-3.2828	-1.765
LOC_Os01g18744	transferase family protein	-1.2442	-1.7754
LOC_Os01g19020	peroxidase precursor	-3.4133	-1.7814
LOC_Os01g19800	zinc finger, C3HC4 type	1.33911	3.28988

LOC_Os01g19940	expressed protein	1.46789	2.27431
LOC_Os01g20030	expressed protein	2.4062	3.09104
LOC_Os01g20110	expressed protein	-1.607	-1.0433
LOC_Os01g20830	heavy metal-associated domain containing protein	-1.4433	-4.0178
LOC_Os01g21144	expressed protein	2.12635	2.93783
LOC_Os01g21250	late embryogenesis abundant protein	1.06779	2.4566
LOC_Os01g21590	homeodomain	-2.3658	1.9079
LOC_Os01g21990	CRS2-associated factor 2, chloroplast precursor	-1.5382	-2.3695
LOC_Os01g22370	peroxidase precursor	-1.6988	-1.456
LOC_Os01g22630	ECT protein	1.84331	2.07853
LOC_Os01g22900	neutral/alkaline invertase	1.32409	2.80725
LOC_Os01g22980	OsSCP3 - Putative Serine Carboxypeptidase homologue	-1.4326	-2.4391
LOC_Os01g23530	terpene synthase	1.18544	2.62533
LOC_Os01g24490	expressed protein	-1.5204	-1.7978
LOC_Os01g24710	jacalin-like lectin domain containing protein	3.81527	6.29632
LOC_Os01g24790	transferase family protein	-1.5599	-2.8207
LOC_Os01g25100	glutathione S-transferase	4.41504	4.42996
LOC_Os01g25484	ferredoxin--nitrite reductase	-2.2617	-2.622
LOC_Os01g25920	expressed protein	2.5937	2.80126
LOC_Os01g27160	cullin	1.27888	1.91369
LOC_Os01g27210	glutathione S-transferase	3.71133	3.57293
LOC_Os01g27240	12-oxophytodienoate reductase	1.01498	1.71356
LOC_Os01g27449	expressed protein	2.18696	2.6078
LOC_Os01g27480	glutathione S-transferase	-1.9558	-1.5299
LOC_Os01g28450	SCP-like extracellular protein	-5.2189	-2.3538
LOC_Os01g29804	expressed protein	2.24714	2.03389
LOC_Os01g29820	expressed protein	1.67576	2.78136
LOC_Os01g31110	CRS2-associated factor 1, chloroplast precursor	-1.9015	-1.3229
LOC_Os01g31940	purine permease	-1.3236	-3.8416
LOC_Os01g32330	heavy metal-associated domain containing protein	-1.2484	-1.845
LOC_Os01g32350	OsClp2 - Putative Clp protease homologue	-1.2575	-1.5007
LOC_Os01g32460	expressed protein	-2.979	2.20072
LOC_Os01g32670	expressed protein	3.4574	6.98201
LOC_Os01g32780	universal stress protein domain containing protein	3.25359	4.50152

LOC_Os01g32830	expressed protein	-4.0264	-1.9159
LOC_Os01g33000	expressed protein	1.32446	2.71081
LOC_Os01g34480	NAD dependent epimerase/dehydratase family protein	1.84993	2.15425
LOC_Os01g35040	ZOS1-09 - C2H2 zinc finger protein	1.42542	2.22109
LOC_Os01g36710	transposon protein, Pong sub-class	-1.7324	1.8314
LOC_Os01g37040	retrotransposon protein, Ty1-copia subclass	-1.3332	-2.466
LOC_Os01g37050	ribonuclease III domain protein	-1.8129	-1.9848
LOC_Os01g37460	zinc finger family protein	-1.4847	-2.3211
LOC_Os01g37590	peptide transporter PTR2	-2.559	-4.6164
LOC_Os01g37690	sodium/calcium exchanger protein	-1.8071	-3.5229
LOC_Os01g38229	peptidyl-prolyl isomerase	-2.4475	-2.4746
LOC_Os01g38580	beta,beta-carotene 9,10-dioxygenase	4.70773	3.29155
LOC_Os01g38680	transporter family protein	1.28358	2.59287
LOC_Os01g39860	1-aminocyclopropane-1-carboxylate oxidase protein	-2.5948	-1.09
LOC_Os01g39960	lycopene epsilon cyclase, chloroplast precursor	-2.7811	-1.5752
LOC_Os01g40070	expressed protein	1.56002	4.39147
LOC_Os01g40260	WRKY77	-1.5294	1.97772
LOC_Os01g40280	integral membrane protein	3.29961	4.34569
LOC_Os01g40290	expressed protein	-1.386	3.78096
LOC_Os01g40310	expressed protein	-2.821	-1.9599
LOC_Os01g40710	high light inducible protein	-2.0123	-2.3171
LOC_Os01g41240	hydrolase, alpha/beta fold family domain containing protein	3.61921	3.77678
LOC_Os01g41420	transmembrane amino acid transporter protein	2.31869	3.22773
LOC_Os01g41870	protein kinase	-1.2113	-1.9264
LOC_Os01g42030	mitochondrial chaperone BCS1	-2.3996	1.97176
LOC_Os01g42790	xylem cysteine proteinase 2 precursor	-3.3508	-1.9277
LOC_Os01g42850	ThiF family domain containing protein	1.13883	2.00199
LOC_Os01g42860	inhibitor I family protein	4.69302	5.65983
LOC_Os01g43050	CENP-C1	1.13432	1.59561
LOC_Os01g43080	exonuclease	1.20285	3.4413
LOC_Os01g43090	oxidoreductase, aldo/keto reductase family protein	-1.0687	-2.2498
LOC_Os01g43120	DEAD/DEAH box helicase	-1.9759	-2.0005
LOC_Os01g43150	OsFtsH9 FtsH protease, homologue of AtFtsH11	-1.2114	-1.504
LOC_Os01g43160	polygalacturonase	-1.6264	-1.123

LOC_Os01g43650	WRKY11	1.15721	1.58955
LOC_Os01g43740	cytochrome P450 72A1	2.77587	3.0917
LOC_Os01g43890	OsSCP4 - Putative Serine Carboxypeptidase homologue	2.20371	2.45685
LOC_Os01g44050	siroheme synthase	1.92379	3.73106
LOC_Os01g44390	MYB family transcription factor	-3.3368	-1.4564
LOC_Os01g45110	anthocyanin 3-O-beta-glucosyltransferase	2.35586	4.84614
LOC_Os01g45470	expressed protein	-2.4394	-2.4097
LOC_Os01g45640	tat pathway signal sequence family protein	4.345	1.4554
LOC_Os01g46570	CTP synthase	1.83677	2.40485
LOC_Os01g46760	protein phosphatase 2C	-2.5202	-1.3253
LOC_Os01g47070	glycosyl hydrolase	-2.344	-1.0481
LOC_Os01g47690	metallo-beta-lactamase family protein	1.60563	2.7276
LOC_Os01g47760	OsGrx_I1 - glutaredoxin subgroup III	1.39305	3.80284
LOC_Os01g48640	expressed protein	-3.9533	-4.746
LOC_Os01g48680	two pore calcium channel protein 1	-1.7961	-1.9529
LOC_Os01g48690	ribosomal protein rpS20	-2.6777	-2.0709
LOC_Os01g48790	YT521-B-like family domain containing protein	1.20111	1.63145
LOC_Os01g48820	expressed protein	-1.0975	-2.03
LOC_Os01g48950	expressed protein	-2.7141	-2.5856
LOC_Os01g48960	glutamate synthase, chloroplast precursor	1.7417	3.19551
LOC_Os01g49320	glycosyl hydrolase	-2.5984	-2.5169
LOC_Os01g49380	lipase	2.43797	2.94873
LOC_Os01g49710	glutathione S-transferase	1.33724	2.96785
LOC_Os01g49740	expressed protein	-1.5929	-3.1944
LOC_Os01g50170	eukaryotic aspartyl protease domain containing protein	-2.77	-2.5351
LOC_Os01g50360	NAC domain containing protein	-2.4189	-1.0779
LOC_Os01g50400	STE_MEKK_ste11_MAP3K.5 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	2.28188	5.25217
LOC_Os01g50410	STE_MEKK_ste11_MAP3K.6 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	2.57067	4.54997
LOC_Os01g50420	STE_MEKK_ste11_MAP3K.7 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	3.15398	6.14327
LOC_Os01g50622	DNA-binding protein DSP1	-1.2182	-1.988
LOC_Os01g50930	expressed protein	-1.7811	-1.8907
LOC_Os01g50934	fiber protein Fb11	-1.1312	-1.6376

LOC_Os01g51020	60S ribosomal protein L28-1	-1.5515	-1.4501
LOC_Os01g51030	expressed protein	2.92342	4.35098
LOC_Os01g51570	glycosyl hydrolases family 17	-4.4914	-3.0146
LOC_Os01g51870	methyltransferase	1.02961	2.21859
LOC_Os01g51890	endonuclease/exonuclease/phosphatase family domain containing protein	-1.8523	1.21644
LOC_Os01g51920	phosphotransferase	1.59095	3.90703
LOC_Os01g51980	alliin lyase precursor	-2.3327	-1.4281
LOC_Os01g52260	serine acetyltransferase protein	2.45009	2.15736
LOC_Os01g52530	phosphoribosyl transferase	1.21985	2.9622
LOC_Os01g52550	ABC transporter, ATP-binding protein	-2.0236	-1.3535
LOC_Os01g52640	suppressor of phythchrome A	-1.1418	-1.6278
LOC_Os01g52730	DUF584 domain containing protein	1.91352	5.09072
LOC_Os01g52740	expressed protein	2.38497	4.06114
LOC_Os01g53040	WRKY14	1.31781	2.46114
LOC_Os01g53090	pathogen-related protein	1.67615	-3.8944
LOC_Os01g53330	anthocyanidin 5,3-O-glucosyltransferase	-4.9663	-2.1624
LOC_Os01g53880	OsIAA6 - Auxin-responsive Aux/IAA gene family member	2.07272	1.03232
LOC_Os01g53910	dehydrogenase	-1.0938	-1.6093
LOC_Os01g54020	tRNA synthetase	-2.0275	-1.0694
LOC_Os01g54080	kinesin motor protein-related	-1.7327	-1.1696
LOC_Os01g54340	plant-specific domain TIGR01615 family protein	2.26159	2.28143
LOC_Os01g54540	ribosomal protein L13	-2.7752	-1.1375
LOC_Os01g54560	trehalose synthase	1.05519	2.41464
LOC_Os01g54670	coiled-coil domain-containing protein 25	3.24457	5.72104
LOC_Os01g55110	RING-H2 finger protein	1.49545	1.52528
LOC_Os01g55270	SGS domain containing protein	2.27469	1.50304
LOC_Os01g55340	dof zinc finger domain containing protein	1.78364	3.82873
LOC_Os01g55510	dynein light chain type 1 domain containing protein	3.95936	5.68452
LOC_Os01g55570	expressed protein	-3.2182	-2.7685
LOC_Os01g55650	phospholipase, patatin family	1.44228	1.74293
LOC_Os01g55670	expressed protein	-1.9837	-1.7213
LOC_Os01g55690	glutelin	1.32172	4.90973
LOC_Os01g55799	exo70 exocyst complex subunit domain containing protein	-1.9935	-1.1618
LOC_Os01g55880	hemimethylated DNA binding domain containing protein	-1.1885	-1.6842

LOC_Os01g55940	OsGH3.2 - Probable indole-3-acetic acid-amido synthetase	2.07341	3.1573
LOC_Os01g55950	acetamidase	-1.5085	-1.4381
LOC_Os01g56360	wax synthase	-1.4353	-2.3856
LOC_Os01g56380	decarboxylase	-1.0256	-1.752
LOC_Os01g56670	glycosyl hydrolase family 47 domain contain protein	1.32036	1.51093
LOC_Os01g56680	photosystem II reaction center W protein, chloroplast precursor	-1.6941	-1.5069
LOC_Os01g57004	adhesive/proline-rich protein	2.96953	4.07636
LOC_Os01g57350	diacylglycerol kinase	-1.1154	1.53063
LOC_Os01g57560	serine/threonine-protein kinase receptor precursor	-3.0163	-4.2596
LOC_Os01g57840	expressed protein	-1.1127	1.6538
LOC_Os01g57854	pectinesterase	1.6473	1.65062
LOC_Os01g58130	expressed protein	5.98716	7.94377
LOC_Os01g58140	expressed protein	3.53875	4.6891
LOC_Os01g58150	expressed protein	5.23649	6.34386
LOC_Os01g58310	expressed protein	1.00482	3.31022
LOC_Os01g58470	expressed protein	-2.6192	-1.8242
LOC_Os01g58680	apurinic endonuclease-redox protein	-1.041	-1.8155
LOC_Os01g59080	expressed protein	-1.4543	-2.9717
LOC_Os01g59090	thylakoid lumenal 20 kDa protein	-2.1888	-2.6265
LOC_Os01g59730	ribosomal protein L7Ae	-2.5463	-2.6629
LOC_Os01g59750	histidine triad family protein	-1.0302	-1.7101
LOC_Os01g60020	NAC domain transcription factor	2.63019	5.20953
LOC_Os01g60830	expressed protein	1.10364	-3.3511
LOC_Os01g61044	transmembrane amino acid transporter protein	2.76667	1.93061
LOC_Os01g61080	WRKY24	1.23759	4.86345
LOC_Os01g61320	thioredoxin	-1.564	-2.8932
LOC_Os01g61440	expressed protein	2.00634	1.38023
LOC_Os01g61610	flavonol synthase/flavanone 3-hydroxylase	1.77753	2.6467
LOC_Os01g62060	plant-specific domain TIGR01589 family protein	-2.3828	-1.8695
LOC_Os01g62130	ZOS1-14 - C2H2 zinc finger protein	1.1087	3.46829
LOC_Os01g62190	ZOS1-15 - C2H2 zinc finger protein	4.53813	8.65852
LOC_Os01g62260	thaumatin	3.32308	5.48709
LOC_Os01g62290	DnaK family protein	4.43523	3.38429
LOC_Os01g62584	peptidase aspartic family protein	3.23674	4.84785

LOC_Os01g62610	peptidyl-prolyl cis-trans isomerase, FKBP-type	1.10183	2.47348
LOC_Os01g63270	alpha-glucan phosphorylast isozyme	-1.5085	-2.2492
LOC_Os01g63690	hs1	1.31546	3.72495
LOC_Os01g63870	nucleobase-ascorbate transporter	-3.4809	-1.7672
LOC_Os01g64000	bZIP transcription factor	1.13913	2.50578
LOC_Os01g64120	2Fe-2S iron-sulfur cluster binding domain containing protein	-2.7982	-4.6988
LOC_Os01g64170	glycosyl hydrolases family 17	1.17273	4.07746
LOC_Os01g64270	expressed protein	-3.0098	-2.237
LOC_Os01g64360	MYB family transcription factor	2.26646	4.33208
LOC_Os01g64470	harpin-induced protein 1 domain containing protein	1.63682	3.8201
LOC_Os01g64540	anthocyanidin 3-O-glucosyltransferase	-1.578	-1.2304
LOC_Os01g64660	fructose-1,6-bisphosphatase	-3.8694	-2.9039
LOC_Os01g64960	chlorophyll A-B binding protein	-4.7221	-2.9178
LOC_Os01g64970	CAMK_CAMK_like.11 - CAMK includes calcium/calmodulin depedent protein kinases	2.30782	1.28044
LOC_Os01g65260	amidophosphoribosyltransferase, chloroplast precursor	-2.1285	-3.4087
LOC_Os01g65630	expressed protein	-1.6528	-3.0647
LOC_Os01g65650	receptor-like protein kinase HAIKU2 precursor	1.06512	1.51181
LOC_Os01g65670	amino acid transporter	2.31742	2.12877
LOC_Os01g65680	4,5-DOPA dioxygenase extradiol	1.1491	1.80966
LOC_Os01g66120	No apical meristem protein	1.95817	2.18362
LOC_Os01g66170	SNARE associated Golgi protein	-1.3139	-1.7946
LOC_Os01g66500	phosphoribosylformylglycinamidine synthase	-1.0433	-1.9461
LOC_Os01g66530	ARGOS	1.57878	4.23802
LOC_Os01g66544	expressed protein	2.21347	2.3143
LOC_Os01g66890	BTBZ1 - Bric-a-Brac, Tramtrack, and Broad Complex BTB domain with TAZ zinc finger and Calmodulin-binding domains	-1.5167	-1.0509
LOC_Os01g66980	expressed protein	-2.7978	-1.6202
LOC_Os01g67030	auxin-responsive protein	-2.8386	-1.4639
LOC_Os01g67120	rhodanese-like domain containing protein	-2.7252	-1.6242
LOC_Os01g67420	lipase	1.21334	1.789
LOC_Os01g67520	VTC2	-1.541	-1.068
LOC_Os01g68060	copine	1.19689	2.97613
LOC_Os01g68320	DEAD-box ATP-dependent RNA helicase 30	1.3356	1.65499
LOC_Os01g68450	expressed protein	-2.6639	-2.5084
LOC_Os01g68480	thioredoxin	-1.3654	-1.9039

LOC_Os01g68650	plant-specific domain TIGR01615 family protein	2.0112	1.0557
LOC_Os01g68700	BHLH transcription factor	-1.591	-1.1888
LOC_Os01g68720	keratin, type I cytoskeletal 9	2.74236	3.06011
LOC_Os01g68730	RNA-binding protein FUS	3.0232	4.65748
LOC_Os01g68770	selenium-binding protein	2.56403	1.78512
LOC_Os01g69060	hydrolase, alpha/beta fold family domain containing protein	-2.8569	-3.1959
LOC_Os01g69070	auxin efflux carrier component	-1.5924	-3.716
LOC_Os01g69080	acyl-desaturase, chloroplast precursor	-3.4881	-1.8689
LOC_Os01g69120	uncharacterized RNA methyltransferase pc1998	-2.4952	-2.0004
LOC_Os01g69200	regulatory protein	-1.1121	-1.5862
LOC_Os01g69870	expressed protein	2.55401	2.71558
LOC_Os01g69950	ribosomal protein L27	-2.374	-1.7755
LOC_Os01g70400	expressed protein	-3.0142	-3.467
LOC_Os01g70520	Os1bglu5 - beta-glucosidase homologue, similar to G. max isohydroxyurate hydrolase	-2.9919	-1.7458
LOC_Os01g70850	esterase	2.62198	3.86657
LOC_Os01g71190	photosystem II reaction center PSB28 protein, chloroplast precursor	-3.162	-2.0365
LOC_Os01g71310	cytokinin dehydrogenase precursor	1.04676	2.27019
LOC_Os01g71330	expressed protein	-2.1361	-2.3671
LOC_Os01g71340	glycosyl hydrolases family 17	-3.0363	-2.2313
LOC_Os01g71400	glycosyl hydrolases family 17	-1.6955	-1.1273
LOC_Os01g71624	expressed protein	5.381	7.58639
LOC_Os01g71710	amino acid permease family protein	-1.0645	-2.3038
LOC_Os01g71720	amino acid permease family protein	-1.305	-3.0467
LOC_Os01g71820	glycosyl hydrolases family 17	1.18092	3.88229
LOC_Os01g71830	glycosyl hydrolases family 17	1.83979	4.27077
LOC_Os01g72100	OsCML10 - Calmodulin-related calcium sensor protein	-1.1444	-1.9059
LOC_Os01g72120	glutathione S-transferase	1.07911	2.14074
LOC_Os01g72380	expressed protein	-2.6243	-1.6469
LOC_Os01g72460	NADPH quinone oxidoreductase	1.64366	4.25232
LOC_Os01g72490	LRP1	2.04127	2.93395
LOC_Os01g72530	OsCML31 - Calmodulin-related calcium sensor protein	3.46218	7.8534
LOC_Os01g72800	signal recognition particle receptor	-1.82	-1.5452
LOC_Os01g72834	RNA recognition motif containing protein	1.68827	1.82854
LOC_Os01g72900	abscisic stress-ripening	2.30184	4.53631

LOC_Os01g72950	expressed protein	-3.1485	-2.2444
LOC_Os01g72970	DUF630/DUF632 domains containing protein	1.00188	2.58504
LOC_Os01g73000	copine	2.21044	1.52561
LOC_Os01g73020	expressed	1.53311	2.11324
LOC_Os01g73250	abscisic stress-ripening	-2.5797	-3.4014
LOC_Os01g73530	ABC transporter, ATP-binding protein	1.23819	1.78993
LOC_Os01g73540	YGGT family protein	-2.0079	-1.9084
LOC_Os01g73890	transcription initiation factor IIA gamma chain	1.85268	2.39438
LOC_Os01g74160	carboxyl-terminal peptidase	-7.6882	-3.7076
LOC_Os01g74190	radical SAM enzyme	-1.5192	-1.1433
LOC_Os01g74300	metallothionein	-3.4961	-2.7909
LOC_Os01g74490	heavy metal-associated domain containing protein	2.8389	3.07469
LOC_Os02g01010	OsPDIL1-4 protein disulfide isomerase PDIL1-4	-1.5499	-1.6219
LOC_Os02g01060	harpin-induced protein 1 domain containing protein	-1.0043	-1.9087
LOC_Os02g01150	erythronate-4-phosphate dehydrogenase domain containing protein	-3.0209	-2.5475
LOC_Os02g01210	amino acid transporter	-1.5247	-1.1575
LOC_Os02g01340	ferredoxin--NADP reductase, chloroplast precursor	-2.5101	-1.7037
LOC_Os02g01920	GHMP kinases ATP-binding protein	-1.7048	-1.9164
LOC_Os02g02000	cytochrome P450	-2.8476	-1.6725
LOC_Os02g02120	OsWAK11 - OsWAK receptor-like protein kinase	-2.4391	-2.7889
LOC_Os02g02190	transporter, major facilitator family	1.68473	2.65536
LOC_Os02g02210	aminotransferase	1.27907	3.87161
LOC_Os02g02400	catalase isozyme A	-1.4491	-2.5196
LOC_Os02g02520	expressed protein	-1.4283	-1.5037
LOC_Os02g02550	peptidyl-prolyl cis-trans isomerase, FKBP-type	-2.2368	-1.6811
LOC_Os02g02570	autophagy protein 5	1.2795	1.85436
LOC_Os02g02620	sialyltransferase family domain containing protein	-1.1185	-1.5692
LOC_Os02g02700	AMP-binding enzyme	2.15629	1.98557
LOC_Os02g02780	protein kinase family protein	3.46904	4.54025
LOC_Os02g03330	expressed protein	-1.733	-1.046
LOC_Os02g03570	hsp20/alpha crystallin family protein	-1.6016	-1.2725
LOC_Os02g03670	expressed protein	-2.6737	-3.1427
LOC_Os02g03710	UP-9A	3.95987	3.37137
LOC_Os02g03960	CPuORF1 - conserved peptide uORF-containing transcript	-1.7278	-4.1878

LOC_Os02g04160	transcription elongation factor 1	2.8287	2.36182
LOC_Os02g04450	plant-specific domain TIGR01589 family protein	1.35155	2.06278
LOC_Os02g04510	UOS1	1.66889	-2.2476
LOC_Os02g04840	GHMP kinases ATP-binding protein	1.3684	2.00123
LOC_Os02g05744	endoglucanase	-1.1744	-2.2779
LOC_Os02g05890	EMB1303	-1.9975	-1.9368
LOC_Os02g05900	ternary complex factor MIP1	-1.3096	-1.5429
LOC_Os02g06300	GTP-binding protein lepA	-1.8371	-1.5399
LOC_Os02g06560	wound induced protein	-1.2844	-2.4261
LOC_Os02g06760	expressed protein	-2.813	-1.1793
LOC_Os02g07010	expressed protein	1.08213	1.93987
LOC_Os02g07110	OsSAUR6 - Auxin-responsive SAUR gene family member	-1.5054	-1.2524
LOC_Os02g07160	glyoxalase family protein	5.51081	3.10733
LOC_Os02g07170	MYB family transcription factor	5.6113	7.92657
LOC_Os02g07180	expressed protein	2.12174	2.54247
LOC_Os02g07210	OTU-like cysteine protease family protein	1.51891	1.5381
LOC_Os02g07360	pentatricopeptide containing protein	-1.9547	-2.3964
LOC_Os02g08110	membrane associated DUF588 domain containing protein	-1.2513	-1.9682
LOC_Os02g08190	CYPRO4	2.19845	2.94083
LOC_Os02g08230	WAX2	-3.2473	-2.1082
LOC_Os02g08330	gp176	2.24276	3.95787
LOC_Os02g08364	protein phosphatase 2C	1.4402	2.85525
LOC_Os02g08490	chaperone protein clpB 1	2.69825	3.39899
LOC_Os02g09440	expressed protein	-1.5877	-1.9478
LOC_Os02g09510	limonoid UDP-glucosyltransferase	2.70605	1.74118
LOC_Os02g09590	ribosome	-1.7595	-1.0753
LOC_Os02g09720	multidrug resistance protein	1.27369	1.96487
LOC_Os02g09810	amino acid transporter	2.2174	3.54375
LOC_Os02g09890	protein kinase PKN/PRK1, effector	1.16186	1.86407
LOC_Os02g09940	peroxiredoxin	-3.4319	-1.7592
LOC_Os02g10120	lipoxygenase	-2.9086	-2.5436
LOC_Os02g10390	chlorophyll A-B binding protein	-2.5316	-1.6972
LOC_Os02g10520	OsSub12 - Putative Subtilisin homologue	-1.5517	-1.0063
LOC_Os02g10880	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	2.06149	2.87408

LOC_Os02g12150	expressed protein	-1.6629	-1.4765
LOC_Os02g12350	histone deacetylase	1.41683	3.39688
LOC_Os02g12380	histone deacetylase	1.32812	2.79163
LOC_Os02g12480	expressed protein	-2.4295	-3.8539
LOC_Os02g12610	hsp20/alpha crystallin family protein	5.42861	6.81456
LOC_Os02g12680	cytochrome P450	1.68402	4.94399
LOC_Os02g13370	expressed protein	3.08996	4.1682
LOC_Os02g13380	early nodulin 93 ENOD93 protein	2.04429	2.89524
LOC_Os02g13510	receptor-like protein kinase 5 precursor	-2.3638	-2.7233
LOC_Os02g13560	transporter family protein	-2.4227	-3.302
LOC_Os02g14500	expressed protein	1.52967	2.75284
LOC_Os02g14680	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-1.5797	-1.1478
LOC_Os02g14840	potassium channel KAT1	1.90941	1.31518
LOC_Os02g15660	tetratricopeptide repeat	-2.4497	-1.9646
LOC_Os02g15750	expressed protein	-3.5553	-1.5528
LOC_Os02g15900	50S ribosomal protein L21, chloroplast precursor	-2.7219	-1.5699
LOC_Os02g15930	expressed protein	6.06634	6.20794
LOC_Os02g16270	xa1	1.08943	1.59064
LOC_Os02g16680	bZIP transcription factor domain containing protein	2.15317	1.69918
LOC_Os02g17320	uridine/cytidine kinase-like 1	2.29538	2.87903
LOC_Os02g17380	EMB1303	1.30709	1.5239
LOC_Os02g17390	3-hydroxyacyl-CoA dehydrogenase	2.48694	2.49519
LOC_Os02g17920	glyoxalase family protein	-2.6262	-1.804
LOC_Os02g17940	leucoanthocyanidin dioxygenase	-2.4146	-1.3936
LOC_Os02g18410	salt stress root protein RS1	-1.0088	-2.1452
LOC_Os02g18450	GTP-binding protein typA/bipA	-2.9137	-2.3585
LOC_Os02g19440	sirohydrochlorin ferrochelatase	-1.5559	-1.2752
LOC_Os02g19470	expressed protein	-1.7867	-4.0975
LOC_Os02g19640	IQ calmodulin-binding motif family protein	-1.6935	-1.1367
LOC_Os02g22100	OsRhmbd6 - Putative Rhomboid homologue	-1.2213	-2.6557
LOC_Os02g22260	fruit protein PKIWI502	-2.2734	-1.6483
LOC_Os02g24020	dihydrodipicolinate reductase	-1.2865	-1.9117
LOC_Os02g25780	expressed protein	2.36724	3.50257
LOC_Os02g26670	F-box/Kelch-repeat protein	1.34447	2.64189

LOC_Os02g26720	Inositol 1, 3, 4-trisphosphate 5/6-kinase	2.05106	6.63724
LOC_Os02g26794	expressed protein	1.43805	2.91893
LOC_Os02g26810	cytochrome P450	1.79987	4.00039
LOC_Os02g27220	protein phosphatase 2C	1.31821	2.59029
LOC_Os02g27490	bile acid sodium symporter family protein	-1.6365	-1.3118
LOC_Os02g28970	expressed protein	2.10643	2.84731
LOC_Os02g30110	cytochrome P450	-2.8084	-4.3303
LOC_Os02g30410	expressed protein	-1.1405	-1.7524
LOC_Os02g31030	glycerophosphoryl diester phosphodiesterase family protein	3.06408	4.56899
LOC_Os02g32490	AMP-binding enzyme	2.34636	2.58034
LOC_Os02g32520	ERD1 protein, chloroplast precursor	1.36427	3.31218
LOC_Os02g32590	HSF-type DNA-binding domain containing protein	2.27024	3.45864
LOC_Os02g32814	heavy metal-associated domain containing protein	-1.6859	-1.1226
LOC_Os02g32840	zinc finger A20 and AN1 domain-containing stress-associated protein	1.14323	3.76736
LOC_Os02g32930	bile acid sodium symporter	-1.303	-1.6431
LOC_Os02g33000	glycosyl hydrolases family 17	2.21237	3.57752
LOC_Os02g33420	ATPase, AAA family protein	1.81872	1.42703
LOC_Os02g33450	peroxiredoxin	-2.4282	-1.5925
LOC_Os02g33500	threonyl-tRNA synthetase	-1.7421	-1.5663
LOC_Os02g33580	digalactosyldiacylglycerol synthase, chloroplast precursor	1.23619	1.57586
LOC_Os02g33590	U-box domain-containing protein	2.06719	5.23252
LOC_Os02g33680	U-box domain containing protein	1.24879	3.52304
LOC_Os02g34260	AP2 domain containing protein	1.92696	3.57605
LOC_Os02g34560	plant neutral invertase domain containing protein	1.5806	3.10962
LOC_Os02g34580	ammonium transporter protein	-1.9506	-1.338
LOC_Os02g34600	CAMK_CAMK_like.13 - CAMK includes calcium/calmodulin depedent protein kinases	1.0488	2.7654
LOC_Os02g34860	Regulator of chromosome condensation domain containing protein	-3.0069	-1.4566
LOC_Os02g34970	no apical meristem protein	2.16963	4.06012
LOC_Os02g35090	expressed protein	-1.9151	-2.3074
LOC_Os02g35310	12-oxophytodienoate reductase	-1.9432	-1.5528
LOC_Os02g35900	thioredoxin	-2.1555	-2.2954
LOC_Os02g36280	cytochrome P450	2.5714	2.19937
LOC_Os02g36530	expressed protein	3.16444	4.91212
LOC_Os02g36570	ABC1 family domain containing protein	-1.8263	-1.9797

LOC_Os02g36850	oxygen evolving enhancer protein 3, identical	-3.8315	-2.1479
LOC_Os02g36880	No apical meristem protein	2.56	6.21326
LOC_Os02g37060	photosystem II 5 kDa protein, chloroplast precursor	-2.8647	-2.0637
LOC_Os02g37250	hypothetical protein	2.19289	3.68982
LOC_Os02g37320	heavy metal associated domain containing protein	-1.2448	1.53378
LOC_Os02g37580	fimbrin-like protein 2	-1.5269	-1.8132
LOC_Os02g37600	expressed protein	-1.6239	-1.1899
LOC_Os02g37654	lecithin:cholesterol acyltransferase	-3.4752	-2.7242
LOC_Os02g37690	UDP-glucoronosyl and UDP-glucosyl transferase	-2.6251	-2.5568
LOC_Os02g37710	lecithine cholesterol acyltransferase	-1.8566	-2.4967
LOC_Os02g37800	lecithin:cholesterol acyltransferase	-2.2781	-1.3265
LOC_Os02g37930	hypoxia-responsive family protein	1.49728	3.56762
LOC_Os02g38020	inorganic phosphate transporter 2-1, chloroplast precursor	-4.1587	-3.1241
LOC_Os02g38040	leucine-rich repeat family protein	1.49326	2.96558
LOC_Os02g38170	expressed protein	-2.5114	-1.6147
LOC_Os02g38210	elongation factor Tu	-1.3388	-2.1071
LOC_Os02g38240	rhodanese family protein	-2.232	-1.6599
LOC_Os02g38740	expressed protein	-1.7371	-2.282
LOC_Os02g38980	bromodomain domain containing protein	2.01783	3.00416
LOC_Os02g39040	mTERF domain containing protein	-1.3524	-1.6165
LOC_Os02g39600	outer envelope protein	-1.7497	-1.5257
LOC_Os02g39740	psaB translation factor	-1.4279	-2.1802
LOC_Os02g39790	CPuORF9 - conserved peptide uORF-containing transcript	2.2137	1.19162
LOC_Os02g40180	receptor-like protein kinase 5 precursor	-3.443	-1.8225
LOC_Os02g40500	OsGrx_C2.1 - glutaredoxin subgroup I	1.933	3.05475
LOC_Os02g40664	zinc finger family protein	1.6378	2.09028
LOC_Os02g40900	RNA recognition motif containing protein	1.44843	2.3161
LOC_Os02g41820	expressed protein	1.59306	1.39298
LOC_Os02g41840	DUF584 domain containing protein	3.50721	3.84374
LOC_Os02g41860	aquaporin protein	-3.2333	-2.1906
LOC_Os02g42310	OsSCP8 - Putative Serine Carboxypeptidase homologue	-1.5591	-1.2709
LOC_Os02g42430	GEM	2.75861	4.13873
LOC_Os02g42560	expressed protein	1.70633	4.37647
LOC_Os02g42570	ferredoxin-thioredoxin reductase, variable chain	-1.3997	-2.0676

LOC_Os02g42640	CBS domain-containing protein	1.84175	2.62969
LOC_Os02g42960	thylakoid lumenal protein	-1.4114	-2.101
LOC_Os02g43194	aldehyde dehydrogenase	-1.3175	-1.8559
LOC_Os02g43430	protein kinase domain containing protein	1.38082	1.82691
LOC_Os02g43540	expressed	-1.9056	-1.8776
LOC_Os02g43600	50S ribosomal protein L19, chloroplast precursor	-3.5268	-1.0686
LOC_Os02g43790	ethylene-responsive transcription factor	1.30338	4.29385
LOC_Os02g43820	AP2 domain containing protein	1.10847	2.32179
LOC_Os02g43850	serine esterase family protein	1.9886	2.71133
LOC_Os02g43860	amino acid permease	1.71994	1.8002
LOC_Os02g44230	CPuORF22 - conserved peptide uORF-containing transcript	1.58812	6.0389
LOC_Os02g44630	aquaporin protein	-1.9112	-2.3943
LOC_Os02g44730	tetracycline transporter protein	-1.414	-2.2669
LOC_Os02g44980	transmembrane amino acid transporter protein	1.75797	1.35168
LOC_Os02g44990	OsFBDUF13 - F-box and DUF domain containing protein	1.92453	3.0674
LOC_Os02g45120	expressed protein	-1.752	-1.1984
LOC_Os02g45170	helix-loop-helix DNA-binding protein	-1.1644	-1.8238
LOC_Os02g45460	expressed protein	-2.7902	-1.8605
LOC_Os02g45540	synthase	-1.0244	-1.7824
LOC_Os02g45780	zinc finger, C3HC4 type domain containing protein	2.15887	4.98573
LOC_Os02g45860	expressed protein	-1.8759	-1.6086
LOC_Os02g46260	OsSCP9 - Putative Serine Carboxypeptidase homologue	-2.5373	-1.1883
LOC_Os02g46480	expressed protein	1.42396	1.97079
LOC_Os02g46500	U-box	1.0467	2.04562
LOC_Os02g46650	ubiquitin carboxyl-terminal hydrolase domain containing protein	1.48969	2.94982
LOC_Os02g46750	expressed protein	-1.7131	-1.4601
LOC_Os02g46830	expressed protein	1.35065	1.79234
LOC_Os02g46970	AMP-binding domain containing protein	-1.6626	-1.6515
LOC_Os02g46980	pentatricopeptide	-1.1287	-1.9601
LOC_Os02g47010	secretory carrier-associated membrane protein	-1.6159	-1.0228
LOC_Os02g47020	phosphoribulokinase/Uridine kinase family protein	-3.0501	-2.1674
LOC_Os02g47090	peptide transporter PTR2	2.19294	2.01201
LOC_Os02g47370	transcription factor TF2	4.7618	6.03543
LOC_Os02g47510	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	-1.656	-5.6989

LOC_Os02g47600	soluble inorganic pyrophosphatase	-4.1007	-2.3062
LOC_Os02g47790	monodehydroascorbate reductase	2.63948	2.2001
LOC_Os02g47840	universal stress protein domain containing protein	2.73729	4.10102
LOC_Os02g48080	cysteine-rich receptor-like protein kinase 7 precursor	1.09703	2.32109
LOC_Os02g48140	hsp20/alpha crystallin family protein	5.39097	5.83284
LOC_Os02g48190	expressed protein	2.45783	3.39122
LOC_Os02g48320	DNA binding protein	1.82734	1.15646
LOC_Os02g48470	expressed protein	-2.0739	-1.32
LOC_Os02g48630	expressed protein	2.94589	3.82551
LOC_Os02g48710	expressed protein	-1.79	2.39779
LOC_Os02g48900	aspartic proteinase nepenthesin-1 precursor	-2.0314	-2.1416
LOC_Os02g49140	glycosyltransferase	-2.0856	-2.5683
LOC_Os02g49326	SET domain-containing protein	-1.9917	-1.4874
LOC_Os02g49440	dof zinc finger domain containing protein	-1.7822	-1.691
LOC_Os02g49680	arsenate reductase	-1.7295	-2.0477
LOC_Os02g49720	aldehyde dehydrogenase	3.99878	3.32927
LOC_Os02g49850	plastocyanin-like domain containing protein	-1.779	-2.0045
LOC_Os02g49870	expressed protein	-4.0939	-2.7831
LOC_Os02g49950	spotted leaf 11	-2.3922	-1.7815
LOC_Os02g50110	expressed protein	2.97328	5.88589
LOC_Os02g50200	cysteine-rich repeat secretory protein precursor	1.50762	3.09347
LOC_Os02g50280	pentatricopeptide	-1.5043	-1.798
LOC_Os02g50350	dihydroorotate dihydrogenase protein	1.94289	3.45529
LOC_Os02g50470	expressed protein	-2.345	-1.6127
LOC_Os02g50560	DSHCT domain containing protein	-2.0052	-2.1056
LOC_Os02g50690	GDSL-like lipase/acylhydrolase	2.85347	4.49659
LOC_Os02g50700	expressed protein	1.01729	3.09621
LOC_Os02g50710	expressed protein	1.22931	1.87284
LOC_Os02g50730	metalloendoproteinase 1 precursor	2.66726	5.77091
LOC_Os02g50910	expressed protein	2.36399	2.49084
LOC_Os02g51020	expressed protein	-4.6177	-3.7467
LOC_Os02g51060	CSLA6 - cellulose synthase-like family A; mannan synthase	-1.6046	-2.2451
LOC_Os02g51080	FAD binding domain containing protein	-2.2759	-1.5709
LOC_Os02g51450	mTERF family protein	-1.8935	-2.8801

LOC_Os02g51470	ATP synthase F1, delta subunit family protein	-2.0656	-2.6319
LOC_Os02g51570	peptidyl-prolyl cis-trans isomerase, FKBP-type	-3.1666	-2.9493
LOC_Os02g51740	VQ domain containing protein	1.02368	2.38885
LOC_Os02g51890	RNA recognition motif containing protein	2.65696	4.35918
LOC_Os02g51930	cytokinin-O-glucosyltransferase 2	5.49356	6.80193
LOC_Os02g52150	heat shock 22 kDa protein, mitochondrial precursor	1.73933	2.66238
LOC_Os02g52170	expressed protein	1.17146	4.78528
LOC_Os02g52210	zinc finger, C3HC4 type domain containing protein	1.08365	2.32755
LOC_Os02g52260	expressed protein	-1.6878	-2.4272
LOC_Os02g52650	chlorophyll A-B binding protein	-3.2976	-2.153
LOC_Os02g52744	DCL, chloroplast precursor	-1.0284	-1.5256
LOC_Os02g53100	WRKY32	1.09037	2.9203
LOC_Os02g53130	nitrate reductase	3.07865	3.51257
LOC_Os02g53350	expressed protein	-1.5869	-2.6742
LOC_Os02g53410	expressed protein	4.04211	6.01263
LOC_Os02g54140	hsp20/alpha crystallin family protein	7.15772	6.53752
LOC_Os02g54820	trehalose-6-phosphate synthase	1.66821	2.4108
LOC_Os02g55120	translation initiation factor IF-3	-1.1746	-1.5033
LOC_Os02g55420	aminotransferase, classes I and II, domain containing protein	-1.0206	-1.7369
LOC_Os02g55560	protein phosphatase 2C	1.89132	3.41701
LOC_Os02g55600	expressed protein	1.31969	2.45075
LOC_Os02g55640	proteasome maturation factor UMP1 family protein	1.31679	1.70702
LOC_Os02g55870	heparanase-like protein precursor	-2.03	-1.3008
LOC_Os02g55910	monogalactosyldiacylglycerol synthase	1.35371	2.14991
LOC_Os02g56030	expressed protein	-2.4968	-1.2569
LOC_Os02g56120	OsIAA9 - Auxin-responsive Aux/IAA gene family member	1.77819	1.76531
LOC_Os02g56200	ELMO/CED-12 family protein	-1.254	-1.5097
LOC_Os02g56310	calcium-dependent protein kinase isoform AK1	1.56937	1.78821
LOC_Os02g56380	OsWAK21 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK	-1.5527	1.37385
LOC_Os02g56520	expressed protein	1.74749	2.03012
LOC_Os02g56850	glutathione reductase	1.41391	2.39947
LOC_Os02g56970	uncharacterized protein yqjG	-1.1192	-1.6357
LOC_Os02g57010	RNA recognition motif containing protein	-3.5795	-1.1723
LOC_Os02g57020	YCF37	-2.8186	-2.9599

LOC_Os02g57040	dehydrogenase	-1.464	-1.6653
LOC_Os02g57540	60S ribosomal protein L28-1	-1.7256	-1.688
LOC_Os02g57620	Citrate transporter protein	-1.7995	-2.745
LOC_Os02g57670	ribosomal L9	-2.6267	-1.2404
LOC_Os02g57720	aquaporin protein	-3.0575	-4.0626
LOC_Os02g57990	methionine adenosyltransferase regulatory beta subunit-related	-1.3628	-1.654
LOC_Os02g58120	oxidoreductase/ transition metal ion binding protein	-1.7935	-1.5018
LOC_Os02g58550	chloroplast channel forming outer membrane protein	-1.2277	-1.5978
LOC_Os02g58740	expressed protein	1.00189	1.65643
LOC_Os02g58790	cell division inhibitor	-2.7024	-1.5469
LOC_Os03g01030	expressed	-1.3248	-2.0761
LOC_Os03g01170	transporter family protein	-1.6108	-2.1006
LOC_Os03g01200	SNF2 family N-terminal domain containing protein	-1.8625	-1.1832
LOC_Os03g01310	expressed	-2.1326	-2.6413
LOC_Os03g01320	LTPL116 - Protease inhibitor/seed storage/LTP family protein precursor	-1.3535	-3.4228
LOC_Os03g01770	rhodanese	-1.7139	-1.2172
LOC_Os03g01920	expressed protein	-1.8268	-1.7371
LOC_Os03g02280	DUF584 domain containing protein	1.58387	3.46859
LOC_Os03g02640	methylthioribose kinase	-2.4682	-1.764
LOC_Os03g02690	dihydrodipicolinate reductase	-3.1724	-2.5144
LOC_Os03g02780	Core histone H2A/H2B/H3/H4 domain containing protein	2.51276	2.70621
LOC_Os03g02960	nascent polypeptide-associated complex subunit alpha	-2.286	-1.1744
LOC_Os03g03360	ribosomal protein L5	-1.928	-1.1939
LOC_Os03g03500	heavy metal-associated domain containing protein	2.00343	2.02036
LOC_Os03g03670	expressed protein	-2.1861	-2.8817
LOC_Os03g03720	glyceraldehyde-3-phosphate dehydrogenase	-2.9812	-2.6063
LOC_Os03g03990	signal recognition particle 43 kDa protein, chloroplast precursor	-2.2325	-1.9569
LOC_Os03g04060	CHIT16 - Chitinase family protein precursor	-3.6183	-1.2106
LOC_Os03g04080	expressed protein	5.40428	7.04937
LOC_Os03g04100	expressed protein	3.80148	2.82717
LOC_Os03g04260	glutathione S-transferase	-1.3045	-2.7045
LOC_Os03g04410	aconitate hydratase protein	1.13609	1.95983
LOC_Os03g04470	expressed protein	-3.3801	-1.6195
LOC_Os03g04710	expressed protein	-1.7829	-2.0146

LOC_Os03g05620	inorganic phosphate transporter	2.17886	2.64124
LOC_Os03g05750	heavy-metal-associated domain-containing protein	2.12491	6.33189
LOC_Os03g05820	kinesin motor domain containing protein	1.08083	1.62824
LOC_Os03g05900	expressed protein	1.53405	1.14446
LOC_Os03g05910	expressed protein	2.911	4.40678
LOC_Os03g06090	high-affinity nickel-transport family protein	1.69441	2.77696
LOC_Os03g06230	galactose mutarotase-like	-3.3192	-2.0633
LOC_Os03g06400	expressed protein	2.12286	1.69435
LOC_Os03g07170	lactose permease-related	2.65831	4.18298
LOC_Os03g07200	expressed protein	1.98299	2.44536
LOC_Os03g07440	putativ eribonuclease P	-2.3346	-1.8078
LOC_Os03g08080	YGGT family protein	-2.8494	-1.5386
LOC_Os03g08090	hydrolase, alpha/beta fold family protein	1.54777	2.45455
LOC_Os03g08310	ZIM domain containing protein	2.65047	4.8752
LOC_Os03g08320	ZIM domain containing protein	3.28063	6.37156
LOC_Os03g08330	ZIM domain containing protein	2.39592	4.54942
LOC_Os03g08360	3-ketoacyl-CoA synthase 10	-1.3552	-2.7603
LOC_Os03g08460	AP2 domain containing protein	1.6274	2.22781
LOC_Os03g08470	AP2 domain containing protein	2.31075	1.82879
LOC_Os03g08520	DUF581 domain containing protein	1.76115	1.30035
LOC_Os03g08660	serine acetyltransferase protein	1.40732	2.63149
LOC_Os03g08700	expressed protein	1.29427	2.00295
LOC_Os03g08960	homeobox associated leucine zipper	-1.6677	-2.3818
LOC_Os03g09060	prenyltransferase	-1.1002	-1.7046
LOC_Os03g09230	LTPL69 - Protease inhibitor/seed storage/LTP family protein precursor	-1.7108	-1.3798
LOC_Os03g09250	inositol-3-phosphate synthase	2.96777	2.2717
LOC_Os03g09910	aminotransferase, classes I and II, domain containing protein	-1.2005	1.68057
LOC_Os03g10030	membrane associated DUF588 domain containing protein	-1.5145	-1.398
LOC_Os03g10050	serine acetyltransferase protein	1.96153	2.91525
LOC_Os03g10060	S10/S20 domain containing ribosomal protein	-1.8961	-1.0965
LOC_Os03g10090	transporter family protein	-1.7715	-3.4242
LOC_Os03g10100	transporter family protein	-2.3729	-1.2414
LOC_Os03g10640	calcium-transporting ATPase, plasma membrane-type	-1.003	2.1314
LOC_Os03g10750	CUE domain containing protein	1.39506	1.61833

LOC_Os03g11210	DUF538 domain containing protein	1.104	1.73954
LOC_Os03g11230	expressed protein	-1.0582	-2.1463
LOC_Os03g11250	expressed protein	-2.178	-1.8948
LOC_Os03g11900	transporter family protein	2.32553	5.02769
LOC_Os03g11910	DnaK family protein	2.33224	2.28863
LOC_Os03g12020	50S ribosomal protein L15, chloroplast precursor	-2.2611	-1.0396
LOC_Os03g12150	serine/threonine-protein kinase receptor precursor	-1.1754	-2.7029
LOC_Os03g12290	glutamine synthetase, catalytic domain containing protein	-1.5001	-1.5083
LOC_Os03g12370	HSF-type DNA-binding domain containing protein	1.18766	2.26107
LOC_Os03g12500	cytochrome P450	1.53592	2.50075
LOC_Os03g12820	ATP8	6.05403	8.00181
LOC_Os03g12879	expressed protein	2.33399	3.71706
LOC_Os03g12890	aminotransferase domain containing protein	5.32515	3.34443
LOC_Os03g12910	squalene monooxygenase	-1.4928	-1.5425
LOC_Os03g13000	GTP-binding protein	-1.8228	-2.3461
LOC_Os03g13010	U-box domain containing protein	-1.0637	-3.1395
LOC_Os03g13050	E2F-related protein	2.19941	6.61612
LOC_Os03g14000	acyl CoA binding protein	1.31004	1.77163
LOC_Os03g14040	expressed protein	-3.677	-2.1237
LOC_Os03g14050	thaumatin-like protein 1 precursor	1.93483	2.68345
LOC_Os03g14090	armadillo/beta-catenin repeat family protein	1.58873	2.82
LOC_Os03g14120	dihydrodipicolinate reductase	-1.5031	-2.454
LOC_Os03g14180	hsp20/alpha crystallin family protein	7.47608	6.25957
LOC_Os03g14300	THION29 - Plant thionin family protein precursor	1.22661	1.76651
LOC_Os03g14370	ACT domain containing protein	1.24884	3.75891
LOC_Os03g14400	cytochrome P450	-1.6179	-1.4822
LOC_Os03g14500	expressed protein	-1.5945	-1.4515
LOC_Os03g14730	gibberellin receptor GID1L2	-1.2194	-1.6911
LOC_Os03g15020	beta-galactosidase precursor	3.39013	3.2055
LOC_Os03g15270	gibberellin receptor GID1L2	1.63617	5.94885
LOC_Os03g15460	expressed protein	-3.6034	-1.3937
LOC_Os03g15960	hsp20/alpha crystallin family protein	3.25626	2.46107
LOC_Os03g16010	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-1.5799	-1.6221
LOC_Os03g16020	hsp20/alpha crystallin family protein	7.52783	7.6493

LOC_Os03g16030	hsp20/alpha crystallin family protein	8.08334	9.41967
LOC_Os03g16040	hsp20/alpha crystallin family protein	6.9077	7.06241
LOC_Os03g16050	fructose-1,6-bisphosphatase	-4.1849	-2.9184
LOC_Os03g16210	tropinone reductase	-1.7053	-1.8347
LOC_Os03g16350	DNA binding protein	2.43711	4.06106
LOC_Os03g16920	DnaK family protein	5.19922	5.85485
LOC_Os03g16960	cysteine-rich repeat secretory protein 55 precursor	1.91867	1.44978
LOC_Os03g17070	ATP synthase B chain, chloroplast precursor	-1.8238	-2.2295
LOC_Os03g17150	ZOS3-09 - C2H2 zinc finger protein	1.20916	3.144
LOC_Os03g17470	IN2-1 protein	1.74176	3.10673
LOC_Os03g17580	ribosomal protein L10	-1.6971	-1.6965
LOC_Os03g17870	metallothionein	3.67157	2.94579
LOC_Os03g18030	leucoanthocyanidin dioxygenase	3.86404	7.16888
LOC_Os03g18200	heat shock protein DnaJ	-2.7699	-2.4114
LOC_Os03g18264	expressed protein	1.07879	-1.6678
LOC_Os03g18370	MRH1	-1.3365	-1.7319
LOC_Os03g18740	oxidoreductase, short chain dehydrogenase/reductase family	1.4597	3.51304
LOC_Os03g18820	glycosyltransferase	-1.9132	-1.0138
LOC_Os03g18910	COBRA-like protein 7 precursor	1.08708	3.24881
LOC_Os03g19190	TOPBP1C - Similar to DNA replication protein TOPBP1 from	1.58796	2.07833
LOC_Os03g19250	AMP-binding enzyme	1.61284	1.30046
LOC_Os03g19380	calvin cycle protein CP12	-2.1068	-1.9997
LOC_Os03g19670	GDSL-like lipase/acylhydrolase	1.72654	1.37245
LOC_Os03g19720	EF hand family protein	1.75539	1.85276
LOC_Os03g19760	HAD-superfamily hydrolase, subfamily IA, variant 3 containing protein	-2.0765	-2.4029
LOC_Os03g19900	AP2 domain containing protein	1.56333	3.18077
LOC_Os03g20100	S1 RNA binding domain containing protein	-2.2643	-1.4781
LOC_Os03g20120	glycosyl transferase 8 domain containing protein	1.1142	1.64187
LOC_Os03g20640	expressed protein	-1.1649	-2.0965
LOC_Os03g20700	magnesium-chelatase	-1.8755	-1.7764
LOC_Os03g20760	LTPL66 - Protease inhibitor/seed storage/LTP family protein precursor	-1.2181	-1.6927
LOC_Os03g21030	no apical meristem protein	1.48066	3.78125
LOC_Os03g21050	retrotransposon protein, Ty1-copia subclass	-1.6402	-1.0847
LOC_Os03g21230	leucine-rich repeat family protein	-1.2925	-1.7106

LOC_Os03g21270	expressed protein	-2.3774	-1.5919
LOC_Os03g21310	ulp1 protease family, C-terminal catalytic domain containing protein	2.61361	3.32868
LOC_Os03g21560	photosystem II 11 kD protein	-2.8626	-1.5366
LOC_Os03g21620	AGC_AGC_other_RS6K_like.1 - ACG kinases include homologs to PKA, PKG and PKC	1.36798	2.40981
LOC_Os03g21710	WRKY79	-1.0893	2.84554
LOC_Os03g21830	appr-1-p processing enzyme family protein	-1.5345	-1.142
LOC_Os03g21900	uroporphyrinogen decarboxylase	-1.8825	-1.7115
LOC_Os03g22170	AP2 domain containing protein	1.66777	2.82781
LOC_Os03g22200	nodulin MtN3 family protein	-1.5062	-1.3252
LOC_Os03g22230	POEI47 - Pollen Ole e I allergen and extensin family protein precursor	-2.9512	-2.7392
LOC_Os03g22370	ultraviolet-B-repressible protein	-2.5058	-2.2122
LOC_Os03g22770	CCT/B-box zinc finger protein	1.3039	1.71655
LOC_Os03g24020	ribosomal protein L6	-2.4008	-1.4194
LOC_Os03g24860	transporter family protein	-1.5788	-1.0966
LOC_Os03g25400	kinase	1.4485	1.93847
LOC_Os03g25500	cytochrome P450 72A1	-1.5908	-3.5789
LOC_Os03g26460	CS domain containing protein	1.59851	2.48874
LOC_Os03g26530	3-ketoacyl-CoA synthase	-2.2245	-1.6594
LOC_Os03g26910	uncharacterized glycosyl hydrolase Rv2006/MT2062	1.2357	3.97381
LOC_Os03g28160	jacalin-like lectin domain containing protein	-3.7559	-2.3495
LOC_Os03g28170	expressed protein	-2.3638	-1.1462
LOC_Os03g28940	ZIM domain containing protein	1.14069	3.48471
LOC_Os03g29190	PDI	1.44552	2.36084
LOC_Os03g29410	tyrosine protein kinase domain containing protein	1.50111	3.00329
LOC_Os03g29730	expressed protein	-1.9808	-1.5149
LOC_Os03g29930	expressed protein	-2.1041	-1.3081
LOC_Os03g29950	glucose-6-phosphate 1-dehydrogenase, chloroplast precursor	-1.9882	-2.8006
LOC_Os03g30092	expressed protein	-1.5494	-1.4421
LOC_Os03g31150	expressed protein	-2.3494	-1.7115
LOC_Os03g31290	membrane-anchored ubiquitin-fold protein	-1.301	-2.9576
LOC_Os03g31300	chaperone protein clpB 1	2.89525	1.43392
LOC_Os03g32220	ZOS3-11 - C2H2 zinc finger protein	1.26451	2.85593
LOC_Os03g32230	ZOS3-12 - C2H2 zinc finger protein	2.16589	6.46449
LOC_Os03g32470	leucoanthocyanidin dioxygenase	-1.5269	-1.0593

LOC_Os03g32590	transcription initiation factor	1.21263	1.66495
LOC_Os03g33580	mitotic checkpoint protein	3.05026	3.01738
LOC_Os03g34040	ribosomal protein	-2.6547	-1.1177
LOC_Os03g36530	FAD-binding and arabino-lactone oxidase domains containing protein	-1.5559	-1.2639
LOC_Os03g36540	magnesium-chelatase subunit chlI, chloroplast precursor	-2.7026	-2.5102
LOC_Os03g36750	cbbY	-2.0999	-1.4387
LOC_Os03g36960	expressed protein	-1.9682	-1.0242
LOC_Os03g37810	expressed protein	-1.1969	-2.1904
LOC_Os03g37960	acyl CoA binding protein	-2.3876	-2.4911
LOC_Os03g37984	amino acid permease family protein	1.68329	1.58261
LOC_Os03g38350	expressed protein	-2.3218	-1.0296
LOC_Os03g38960	DNA-directed RNA polymerase subunit	2.28377	2.00825
LOC_Os03g38970	metal ion binding protein	1.06224	2.80537
LOC_Os03g39610	chlorophyll A-B binding protein	-1.6018	-1.4366
LOC_Os03g39830	expressed protein	-3.183	-2.5454
LOC_Os03g40670	glycerophosphoryl diester phosphodiesterase family protein	-2.6919	-1.381
LOC_Os03g40830	OsSub30 - Putative Subtilisin homologue	-2.0093	-2.8993
LOC_Os03g41510	oxidoreductase, aldo/keto reductase family protein	-2.0407	-1.6403
LOC_Os03g42464	expressed protein	1.57019	2.54956
LOC_Os03g42480	expressed protein	-1.0023	-1.7508
LOC_Os03g43010	expressed protein	-2.0953	-1.6192
LOC_Os03g43750	retrotransposon, centromere-specific	5.10701	6.33743
LOC_Os03g44150	aminotransferase	2.22422	1.0797
LOC_Os03g44200	beclin-1	1.53222	1.73565
LOC_Os03g44580	DNA binding protein	-1.6006	-2.2895
LOC_Os03g44810	expressed protein	3.00829	4.59882
LOC_Os03g45280	dehydrin	-2.0749	-1.1777
LOC_Os03g45390	glucan endo-1,3-beta-glucosidase precursor	1.96372	3.51941
LOC_Os03g45710	2Fe-2S iron-sulfur cluster binding domain containing protein	-1.7808	-1.198
LOC_Os03g45730	DNA-binding protein-like	1.02051	2.3286
LOC_Os03g46060	thaumatin family domain containing protein	-1.4669	1.61825
LOC_Os03g46070	thaumatin	-2.5542	-1.0765
LOC_Os03g46440	BTBA4 - Bric-a-Brac,Tramtrack, Broad Complex BTB domain with Ankyrin repeat region	-1.4138	1.98856
LOC_Os03g47280	VQ domain containing protein	1.5381	4.61595

LOC_Os03g47610	thiamine biosynthesis protein thiC	-3.3121	-3.6378
LOC_Os03g47614	hypothetical protein	-4.6647	-2.4355
LOC_Os03g48030	integral membrane HPP family protein	-2.4527	-2.1539
LOC_Os03g48040	2Fe-2S iron-sulfur cluster binding domain containing protein	-2.8893	-1.9248
LOC_Os03g48080	CHCH domain containing protein	1.69126	1.10613
LOC_Os03g48626	expressed protein	-1.3838	-2.5874
LOC_Os03g48750	Cupin domain containing protein	1.1823	2.71677
LOC_Os03g48770	Cupin domain containing protein	4.3379	3.23227
LOC_Os03g49380	lipoxygenase	1.9165	5.41446
LOC_Os03g49430	pre-mRNA-splicing factor	3.10772	3.84551
LOC_Os03g49440	phosphatase	2.97094	2.68683
LOC_Os03g49630	expressed protein	-2.0928	-1.3745
LOC_Os03g49710	ribosomal protein S13p/S18e	-2.2722	-1.623
LOC_Os03g50080	peptidyl-prolyl cis-trans isomerase, FKBP-type	-2.8555	-2.1579
LOC_Os03g50130	microsomal glutathione S-transferase 3	2.09771	2.51647
LOC_Os03g50270	expressed protein	-1.4148	-2.4777
LOC_Os03g50310	CCT/B-box zinc finger protein	-1.4572	-1.5379
LOC_Os03g50480	phosphoglucomutase	-1.3382	-1.5496
LOC_Os03g51000	3,4-dihydroxy-2-butanone kinase	1.89313	1.0865
LOC_Os03g51390	expressed protein	1.32604	3.87221
LOC_Os03g51440	LRR receptor-like protein kinase	1.91153	1.90941
LOC_Os03g51470	expressed protein	1.28457	2.5835
LOC_Os03g51650	membrane protein	1.08182	1.60869
LOC_Os03g51740	aminotransferase, classes I and II, domain containing protein	-1.6621	-3.5828
LOC_Os03g51930	expressed protein	-1.5841	-1.9808
LOC_Os03g52010	lecithin cholesterol acyltransferase	-1.1228	-1.8947
LOC_Os03g52070	OsSCP20 - Putative Serine Carboxypeptidase homologue	-1.4293	-1.8547
LOC_Os03g52130	expressed protein	-3.1154	-2.6001
LOC_Os03g52370	PIII4 - Proteinase inhibitor II family protein precursor	1.19866	2.9296
LOC_Os03g52390	PIII1 - Proteinase inhibitor II family protein precursor	1.02975	1.93282
LOC_Os03g52410	expressed protein	1.1778	2.83083
LOC_Os03g52460	glucose-1-phosphate adenylyltransferase large subunit	-2.5428	-1.1177
LOC_Os03g52660	ATP synthase F1, delta subunit family protein	-1.7462	-2.3473
LOC_Os03g52840	serine hydroxymethyltransferase, mitochondrial precursor	-1.6374	-1.8095

LOC_Os03g53020	helix-loop-helix DNA-binding domain containing protein	1.76417	5.2855
LOC_Os03g53230	bifunctional 3-phosphoadenosine 5-phosphosulfate synthetase	2.5724	2.89757
LOC_Os03g53340	HSF-type DNA-binding domain containing protein	4.9242	7.95272
LOC_Os03g53400	transmembrane BAX inhibitor motif-containing protein	3.63033	5.50632
LOC_Os03g53800	periplasmic beta-glucosidase precursor	1.63922	2.737
LOC_Os03g53900	universal stress protein domain containing protein	1.91205	2.21608
LOC_Os03g53950	strictosidine synthase	-1.7718	-1.4978
LOC_Os03g54000	oligopeptide transporter	-2.3747	-2.6
LOC_Os03g54910	X8 domain containing protein	-2.0443	-1.4383
LOC_Os03g55050	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	2.17092	5.29904
LOC_Os03g55200	ORC5 - Putative origin recognition complex subunit 5	1.70178	3.59526
LOC_Os03g55220	bHelix-loop-helix transcription factor	1.16632	1.5964
LOC_Os03g55240	cytochrome P450	2.91727	4.70546
LOC_Os03g55410	peroxidase precursor	-1.2199	-1.6401
LOC_Os03g55420	peroxidase precursor	1.71604	2.5671
LOC_Os03g55720	cytochrome b6f complex subunit	-2.8103	-1.4172
LOC_Os03g55930	ribosomal protein	-2.578	-1.2532
LOC_Os03g55990	homeobox domain containing protein	1.78651	2.51638
LOC_Os03g56010	bZIP transcription factor domain containing protein	1.81823	2.85867
LOC_Os03g56060	CSLC9 - cellulose synthase-like family C	1.806	4.28571
LOC_Os03g56280	lactate/malate dehydrogenase	-2.0391	-1.6956
LOC_Os03g56540	heat shock protein DnaJ	2.48311	4.18583
LOC_Os03g56590	expressed protein	1.31639	2.64259
LOC_Os03g56670	photosystem I reaction center subunit III, chloroplast precursor	-2.2538	-1.774
LOC_Os03g56700	expressed protein	1.28623	1.61352
LOC_Os03g56830	ad-003	1.84931	1.00912
LOC_Os03g56860	expressed protein	2.06526	4.33742
LOC_Os03g57149	mTERF domain containing protein	-3.0715	-1.9259
LOC_Os03g57220	hydroxyacid oxidase 1	-2.1588	-1.9968
LOC_Os03g57640	gibberellin receptor GID1L2	3.15964	7.13911
LOC_Os03g57880	glucan endo-1,3-beta-glucosidase precursor	1.85068	3.98198
LOC_Os03g57900	zinc finger A20 and AN1 domain-containing stress-associated protein	1.90978	1.85199
LOC_Os03g58040	glutamate dehydrogenase protein	1.34696	2.5687
LOC_Os03g58130	thioredoxin	1.51435	1.62531

LOC_Os03g58250	bZIP transcription factor domain containing protein	1.95321	2.80715
LOC_Os03g58500	expressed protein	2.37708	4.58277
LOC_Os03g58540	spo0B-associated GTP-binding protein	-2.1107	-2.1796
LOC_Os03g58764	OsFBDUF18 - F-box and DUF domain containing protein	1.48241	4.50108
LOC_Os03g58910	expressed protein	1.59084	1.30173
LOC_Os03g58980	Cupin domain containing protein	-1.4107	-2.6278
LOC_Os03g59320	expressed protein	3.14442	1.03579
LOC_Os03g59610	oxidoreductase, short chain dehydrogenase/reductase family protein	-1.4385	-2.0878
LOC_Os03g59640	magnesium-chelatase subunit chlD, chloroplast precursor	-2.2908	-1.4702
LOC_Os03g59770	EF hand family protein	-3.0983	2.00534
LOC_Os03g60080	NAC domain-containing protein 67	2.02169	3.0423
LOC_Os03g60100	50S ribosomal protein L17	-2.7529	-1.3294
LOC_Os03g60260	ANT1	1.64041	1.52807
LOC_Os03g60350	leaf senescence related protein	-2.667	-1.4115
LOC_Os03g60370	histidine acid phosphatase	3.41345	3.13888
LOC_Os03g60480	heavy metal-associated domain containing protein	-1.8795	-1.3298
LOC_Os03g60509	expressed protein	-1.922	-2.2714
LOC_Os03g60560	ZOS3-21 - C2H2 zinc finger protein	4.24784	7.63636
LOC_Os03g60570	ZOS3-22 - C2H2 zinc finger protein	4.13509	7.72513
LOC_Os03g60580	actin-depolymerizing factor	1.66198	4.13757
LOC_Os03g60780	armadillo/beta-catenin-like repeat containing protein	3.34976	4.14321
LOC_Os03g61090	expressed protein	-3.1599	-1.9057
LOC_Os03g61130	phosphoesterase family protein	1.58513	1.13004
LOC_Os03g61150	expressed protein	1.75912	4.15612
LOC_Os03g61160	expressed protein	3.94774	2.45727
LOC_Os03g61220	DEAD-box ATP-dependent RNA helicase 3	-1.5745	-2.4039
LOC_Os03g61270	OsMan04 - Endo-Beta-Mannanase	1.70842	3.97
LOC_Os03g61740	sex determination protein tasselseed-2	1.11325	1.95959
LOC_Os03g61920	electron transfer flavoprotein subunit alpha, mitochondrial precursor	2.01747	1.65688
LOC_Os03g62010	harpin-induced protein 1 domain containing protein	-1.5835	-2.2832
LOC_Os03g62090	CESA5 - cellulose synthase	-1.8393	-1.5068
LOC_Os03g62170	cyclase/dehydrase family protein	-1.3093	-1.684
LOC_Os03g62430	OsWAK28 - OsWAK receptor-like protein kinase	1.54088	2.60986
LOC_Os03g62480	anthocyanidin 5,3-O-glucosyltransferase	3.46281	5.61984

LOC_Os03g62490	prohibitin-2	1.21754	1.51802
LOC_Os03g62580	vacuolar sorting protein	1.8942	1.71531
LOC_Os03g62670	expressed protein	-2.1167	-5.8637
LOC_Os03g62780	S1 RNA binding domain containing protein	-2.7984	-2.4905
LOC_Os03g62790	pirin	1.1748	2.19956
LOC_Os03g62950	expressed protein	-1.6918	-1.8175
LOC_Os03g63074	Ser/Thr protein phosphatase family protein	1.54315	1.5034
LOC_Os03g63400	transcription factor BTF3	-1.9819	-2.3753
LOC_Os03g63480	ankyrin repeat domain containing protein	-2.9249	-2.675
LOC_Os03g63554	DUF565 domain containing protein	-1.3189	-1.5467
LOC_Os03g63760	glycosyl hydrolases family 16	1.69956	1.35124
LOC_Os03g64030	receptor protein kinase	-1.0919	-1.5572
LOC_Os03g64350	rhodanese-like domain containing protein	-2.2701	-1.9894
LOC_Os03g64415	kinesin motor domain containing protein	2.18126	2.03281
LOC_Os04g01140	cytochrome P450 93A2	-3.1379	-2.2755
LOC_Os04g01510	DUF1295 domain containing protein	-1.2161	-3.0649
LOC_Os04g01520	expressed protein	-1.6157	-2.2566
LOC_Os04g01740	heat shock protein	7.27985	6.72514
LOC_Os04g01950	legume lectins beta domain containing protein	1.11933	4.19618
LOC_Os04g02050	bifunctional 3-phosphoadenosine 5-phosphosulfate synthetase	1.93684	2.52839
LOC_Os04g02354	expressed protein	-1.4055	-2.0691
LOC_Os04g02530	expressed protein	2.32541	1.70588
LOC_Os04g02880	expressed protein	-4.0032	-1.2621
LOC_Os04g05650	expressed protein	1.07047	2.19874
LOC_Os04g06520	expressed protein	-2.9886	1.96362
LOC_Os04g06590	expressed protein	1.73068	3.95664
LOC_Os04g07110	expressed protein	-1.5583	-1.4395
LOC_Os04g08630	expressed protein	1.11706	1.56951
LOC_Os04g09570	expressed protein	1.14738	2.47862
LOC_Os04g09654	O-methyltransferase	-1.2923	-1.8626
LOC_Os04g10010	sex determination protein tasselseed-2	-5.1346	-1.0637
LOC_Os04g10160	cytochrome P450	-4.8691	-1.4429
LOC_Os04g10400	electron transfer flavoprotein subunit beta	1.96176	2.43036
LOC_Os04g11400	expressed protein	-2.1433	-2.1595

LOC_Os04g12600	receptor-like protein kinase	-2.7556	-1.5863
LOC_Os04g12960	UDP-glucoronosyl/UDP-glucosyl transferase	1.14932	5.22955
LOC_Os04g16450	aquaporin protein	-1.5698	-1.2364
LOC_Os04g16680	fructose-1,6-bisphosphatase	-3.0154	-2.1211
LOC_Os04g18244	retrotransposon protein, unclassified	1.22435	1.55919
LOC_Os04g20164	amine oxidase precursor	-2.1075	-2.7277
LOC_Os04g21350	flowering promoting factor-like 1	-3.8718	-2.6307
LOC_Os04g23040	expressed protein	-2.3259	-2.6925
LOC_Os04g23550	basic helix-loop-helix family protein	2.24908	3.5341
LOC_Os04g23890	AGC_PVPK_like_kin82y.10 - ACG kinases include homologs to PKA, PKG and PKC	-2.1172	-2.0815
LOC_Os04g24110	anthocyanin 3-O-beta-glucosyltransferase	-2.4428	-1.1017
LOC_Os04g24220	OsWAK32 - OsWAK receptor-like protein kinase	-2.7225	-2.361
LOC_Os04g26870	oxidoreductase, aldo/keto reductase family protein	-2.0287	-1.1097
LOC_Os04g26910	oxidoreductase, aldo/keto reductase family protein	-1.8608	-1.3991
LOC_Os04g27060	oxidoreductase, aldo/keto reductase family protein	2.97374	6.5701
LOC_Os04g27190	terpene synthase	2.54668	2.12794
LOC_Os04g28420	peptidyl-prolyl isomerase	4.83632	5.76904
LOC_Os04g30010	OsWAK45 - OsWAK receptor-like protein kinase	-1.6164	-1.5618
LOC_Os04g30420	dehydrogenase	1.42328	1.93174
LOC_Os04g31040	violaxanthin de-epoxidase	-2.9194	-1.8707
LOC_Os04g31050	expressed protein	2.49598	2.16433
LOC_Os04g31120	OsFBK14 - F-box domain and kelch repeat containing protein	4.07198	2.00931
LOC_Os04g31820	expressed protein	-1.1541	-1.9334
LOC_Os04g32030	heavy metal-associated domain containing protein	3.39733	2.43191
LOC_Os04g32620	ethylene-responsive transcription factor ERF114	1.82801	2.99954
LOC_Os04g32740	hydrolase, NUDIX family, domain containing protein	1.19743	2.19182
LOC_Os04g33240	sex determination protein tasselseed-2	1.79293	1.28488
LOC_Os04g33450	expressed protein	-3.7038	-1.2853
LOC_Os04g33630	2Fe-2S iron-sulfur cluster binding domain containing protein	-3.9643	-2.1898
LOC_Os04g33660	bifunctional monodehydroascorbate reductase and carbonic anhydrasenectarin-3 precursor	-2.0619	-2.6533
LOC_Os04g33820	OsFBX132 - F-box domain containing protein	1.90605	3.75207
LOC_Os04g33830	membrane protein	-1.6471	-1.3176
LOC_Os04g33870	DUF623 domain containing protein	2.91718	5.67598
LOC_Os04g34010	aluminum-activated malate transporter	1.14247	4.47436

LOC_Os04g34270	serine/threonine-protein kinase receptor precursor	-1.7273	-2.7187
LOC_Os04g34370	serine/threonine-protein kinase receptor precursor	-1.7715	-1.8249
LOC_Os04g34460	PAP fibrillin family domain containing protein	-2.8478	-2.221
LOC_Os04g34600	abscisic stress-ripening	-1.2249	-1.8581
LOC_Os04g35534	expressed protein	1.63871	3.2637
LOC_Os04g35540	amino acid permease family protein	1.00515	1.85035
LOC_Os04g35570	Regulator of chromosome condensation domain containing protein	-1.0429	-1.5704
LOC_Os04g35680	U-box domain containing protein	-1.7166	1.12834
LOC_Os04g35760	expressed protein	-1.4305	-2.2896
LOC_Os04g36750	hsp20/alpha crystallin family protein	8.98461	8.16358
LOC_Os04g36760	enzyme of the cupin superfamily protein	-1.9067	-1.8627
LOC_Os04g37490	oxidoreductase, aldo/keto reductase family protein	3.41083	6.77029
LOC_Os04g37710	serine hydrolase domain containing protein	3.508	2.00133
LOC_Os04g38220	transporter family protein	-3.9067	-1.1918
LOC_Os04g38390	wound/stress protein	-1.5209	-1.8583
LOC_Os04g38410	chlorophyll A-B binding protein	-3.3365	-1.5233
LOC_Os04g38540	aldose 1-epimerase	1.60916	2.53519
LOC_Os04g38600	glyceraldehyde-3-phosphate dehydrogenase	-3.5605	-2.4483
LOC_Os04g39140	acetyltransferase, GNAT family	-1.1785	-1.5153
LOC_Os04g39380	heavy metal transport/detoxification protein	-1.5535	-2.9557
LOC_Os04g39440	ras-related protein	1.39004	1.70018
LOC_Os04g39980	gibberellin 20 oxidase 2	3.09748	4.4379
LOC_Os04g40040	copper methylamine oxidase precursor	2.68798	1.37764
LOC_Os04g40100	BTBN11 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic hypocotyl 3 NPH3 domain	-2.2635	-3.4942
LOC_Os04g40380	expressed protein	1.77157	1.9866
LOC_Os04g40470	cytochrome P450	2.21827	3.18129
LOC_Os04g40630	BTBZ4 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with TAZ zinc finger and Calmodulin-binding domains	4.11681	2.91165
LOC_Os04g40670	expressed protein	-1.1826	-2.4735
LOC_Os04g40730	oxidoreductase, short chain dehydrogenase/reductase family	-1.303	-2.4655
LOC_Os04g40874	glucose-6-phosphate 1-dehydrogenase, cytoplasmic isoform	-1.6156	-1.9898
LOC_Os04g41110	Rad21 / Rec8 like protein	1.06993	1.83012
LOC_Os04g41150	DUF565 domain containing protein	-2.2744	-1.5461
LOC_Os04g41260	amine oxidase, flavin-containing, domain containing protein	1.79397	2.97929

LOC_Os04g41340	4-nitrophenylphosphatase	-2.2534	-2.106
LOC_Os04g41620	CHIT2 - Chitinase family protein precursor	-2.2551	-1.6301
LOC_Os04g41960	NADP-dependent oxidoreductase	1.2114	3.72458
LOC_Os04g42800	photosystem-II repair protein	-2.3376	-3.027
LOC_Os04g42980	zinc finger family protein	2.9499	3.37565
LOC_Os04g43410	Os4bglu18 - monolignol beta-glucoside homologue	2.19358	4.6662
LOC_Os04g43650	L-allo-threonine aldolase	3.8129	4.61881
LOC_Os04g43660	expressed protein	2.31472	4.33344
LOC_Os04g43680	MYB family transcription factor	1.79052	4.49132
LOC_Os04g43800	phenylalanine ammonia-lyase	-2.1922	1.86518
LOC_Os04g44500	GEM	3.48412	4.02313
LOC_Os04g44510	GEM	3.34768	4.32899
LOC_Os04g44610	white-brown complex homolog protein 11	-1.1599	-2.1873
LOC_Os04g44830	thioredoxin	1.35432	-1.5747
LOC_Os04g44850	glycosyl transferase 8 domain containing protein	-1.9781	-1.5209
LOC_Os04g44900	lectin-like receptor kinase	1.66044	1.24277
LOC_Os04g45210	peroxisomal biogenesis factor 11	-3.5724	-2.5339
LOC_Os04g45290	glycosyl hydrolases	1.36152	2.85287
LOC_Os04g45490	elongation factor	-2.8879	-2.6173
LOC_Os04g45520	integral membrane protein	-1.2533	2.54606
LOC_Os04g45600	NDH-M H PLASTOQUINONE DEHY	-1.3699	-1.8478
LOC_Os04g45860	transposon protein, unclassified	-1.2208	-1.7181
LOC_Os04g45940	transcription factor like protein	1.0545	2.15528
LOC_Os04g45970	glutamate dehydrogenase protein	3.39286	5.77625
LOC_Os04g46470	carotenoid cleavage dioxygenase 7, chloroplast precursor	2.37039	1.05401
LOC_Os04g46600	zinc finger protein	1.67104	2.13966
LOC_Os04g46610	PAP fibrillin family domain containing protein	-2.2757	-1.6846
LOC_Os04g46960	glutathione peroxidase domain containing protein	1.8743	2.11115
LOC_Os04g47020	genetic modifier	-3.2485	-2.8783
LOC_Os04g47310	expressed protein	1.15624	3.01201
LOC_Os04g47450	expressed protein	1.09251	2.13663
LOC_Os04g47890	MYB family transcription factor	1.6356	1.9572
LOC_Os04g48020	3-hexulose-6-phosphate isomerase	-2.0488	-1.3786
LOC_Os04g48130	OsRhmbd11 - Putative Rhomboid homologue	-1.7591	-1.9058

LOC_Os04g48270	OsFBX148 - F-box domain containing protein	2.40469	3.94283
LOC_Os04g48830	DUF623 domain containing protein	1.23121	1.68648
LOC_Os04g48850	aminotransferase, classes I and II, domain containing protein	2.50959	5.45003
LOC_Os04g49160	zinc finger, C3HC4 type domain containing protein	1.24188	1.58652
LOC_Os04g49210	naringenin,2-oxoglutarate 3-dioxygenase	-2.5322	1.7798
LOC_Os04g49360	OsFBX149 - F-box domain containing protein	3.01085	3.50338
LOC_Os04g49370	expressed protein	2.78283	2.87807
LOC_Os04g50060	GRAS family transcription factor domain containing protein	1.64079	1.37265
LOC_Os04g50110	RNA recognition motif containing protein	-2.4348	-1.4444
LOC_Os04g50790	RNA recognition motif	1.36927	4.27377
LOC_Os04g50940	peptide transporter PTR2	1.13255	3.99207
LOC_Os04g50950	peptide transporter PTR2	1.34038	1.5715
LOC_Os04g50970	seed specific protein Bn15D1B	2.04876	1.71024
LOC_Os04g51150	transposon protein, unclassified	2.30533	4.75683
LOC_Os04g51160	transposon protein, unclassified	2.64497	6.42801
LOC_Os04g51300	peroxidase precursor	-2.8359	-1.1174
LOC_Os04g51320	transcription factor TF2	1.90395	2.78104
LOC_Os04g51330	maltose excess protein 1-like, chloroplast precursor	-1.7777	-2.3564
LOC_Os04g51460	glycosyl hydrolases family 16	-1.0012	-1.7417
LOC_Os04g51630	60S ribosomal protein L7	-1.2737	-1.5245
LOC_Os04g51820	OsHKT1;1 - Na+ transporter	-3.1573	-1.4697
LOC_Os04g51920	protein disulfide isomerase	1.89172	1.60603
LOC_Os04g52090	AP2 domain containing protein	1.07382	2.18997
LOC_Os04g52100	peptidase, M24 family protein	-1.8733	-2.0001
LOC_Os04g52250	LTPL123 - Protease inhibitor/seed storage/LTP family protein precursor	-1.5196	-1.2692
LOC_Os04g52260	LTPL124 - Protease inhibitor/seed storage/LTP family protein precursor	-3.3335	-2.3541
LOC_Os04g52450	aminotransferase	1.94717	1.6529
LOC_Os04g52460	retrotransposon protein, unclassified	1.55492	2.3042
LOC_Os04g52500	lecithine cholesterol acyltransferase	1.91056	2.79361
LOC_Os04g52550	PAZ domain-containing protein	3.59201	4.46097
LOC_Os04g52750	expressed protein	1.25298	3.0467
LOC_Os04g52810	no apical meristem protein	3.16898	5.11967
LOC_Os04g53190	CPuORF12 - conserved peptide uORF-containing transcript	1.61498	2.66209
LOC_Os04g53210	hydroxyacid oxidase 1	3.90322	4.83775

LOC_Os04g53230	aminomethyltransferase	-2.6778	-2.4967
LOC_Os04g53490	OsCHL Chloroplastic lipocalin	-2.8897	-1.5454
LOC_Os04g53606	expressed protein	2.53991	6.32942
LOC_Os04g53720	SNF2 family N-terminal domain containing protein	1.75926	2.89523
LOC_Os04g54230	wound induced protein	1.76315	2.05402
LOC_Os04g54320	expressed protein	-1.6228	-1.3436
LOC_Os04g54610	expressed protein	3.66062	4.61409
LOC_Os04g54640	peptidase, cysteine peptidase active site	-3.1656	-2.0097
LOC_Os04g55180	hydrolase, alpha/beta fold family domain containing protein	-1.7713	-1.9149
LOC_Os04g55230	tetratricopeptide repeat domain containing protein	-3.3635	-2.0739
LOC_Os04g55410	FGGY family of carbohydrate kinases	1.17527	2.43086
LOC_Os04g55600	expressed protein	-2.6251	-3.1209
LOC_Os04g55610	expressed protein	-1.4302	-3.6611
LOC_Os04g55670	glycosyltransferase family 43 protein	-1.5023	-1.4142
LOC_Os04g55690	CCB4	-2.0986	-1.932
LOC_Os04g55720	D-3-phosphoglycerate dehydrogenase, chloroplast precursor	1.78838	1.16512
LOC_Os04g56040	glycine rich protein family protein	1.21522	4.72723
LOC_Os04g56284	expressed	-2.3937	-2.6884
LOC_Os04g56320	AAA-type ATPase family protein	-1.6487	-1.1735
LOC_Os04g56370	expressed protein	-1.3822	-3.3398
LOC_Os04g56430	cysteine-rich receptor-like protein kinase	8.40512	6.63112
LOC_Os04g56900	transferase family protein	1.64015	3.79675
LOC_Os04g56930	glycosyl hydrolases	1.20173	4.34499
LOC_Os04g56970	tubulin/FtsZ domain containing protein	-1.3203	-1.8156
LOC_Os04g57320	immutans protein	1.59596	1.11001
LOC_Os04g57380	acyl-protein thioesterase	1.32849	1.81609
LOC_Os04g57440	oryzain beta chain precursor	1.44363	1.90087
LOC_Os04g57500	phosphatidate cytidylyltransferase	-1.1676	-1.5061
LOC_Os04g57540	adenylate kinase	1.0136	3.06006
LOC_Os04g57880	heat shock protein DnaJ	-2.5713	-2.4796
LOC_Os04g58090	harpin-induced protein 1 domain containing protein	1.93886	6.05295
LOC_Os04g58280	stem-specific protein TSJT1	1.52337	1.51081
LOC_Os04g58420	MLO domain containing protein	1.06318	1.53508
LOC_Os04g58730	AT hook motif domain containing protein	-1.1401	-1.7914

	LOC_Os04g59190	peroxidase precursor	2.45169	1.35378
	LOC_Os04g59200	peroxidase precursor	1.31945	-2.1588
	LOC_Os04g59440	chlorophyll A-B binding protein	-1.5425	-4.9622
	LOC_Os04g59520	anthranilate phosphoribosyltransferase	-1.7878	-1.6513
	LOC_Os05g01110	ribosomal protein L28 protein	-2.1234	-1.7135
	LOC_Os05g01230	zinc finger, C3HC4 type domain containing protein	2.49196	2.31774
	LOC_Os05g01270	peptidyl-prolyl cis-trans isomerase	-1.6151	-2.0111
	LOC_Os05g01280	expressed protein	-1.8573	-1.9347
	LOC_Os05g01530	expressed protein	-2.4222	-1.8309
	LOC_Os05g01970	NAD dependent epimerase/dehydratase family protein	-2.0823	-2.4653
	LOC_Os05g02010	expressed protein	1.54671	1.04382
	LOC_Os05g02250	expressed protein	-3.2303	-3.7647
	LOC_Os05g02450	expressed protein	1.98139	4.30843
	LOC_Os05g02564	expressed protein	-1.2297	-1.5686
	LOC_Os05g02770	glycine-rich cell wall structural protein precursor	3.00597	5.20965
	LOC_Os05g03060	expressed protein	1.7639	2.518
genes significantly regulated in both MSP1_6h and MSP1_24H samples(2268)	LOC_Os05g03480	acyl-coenzyme A dehydrogenase, mitochondrial precursor	3.11505	2.26619
	LOC_Os05g03630	dnaJ domain containing protein	1.38237	2.74251
	LOC_Os05g03860	CPuORF3 - conserved peptide uORF-containing transcript	1.54277	2.03449
	LOC_Os05g03910	RNA polymerase II-associated protein 3	2.09887	1.01251
	LOC_Os05g03960	expressed protein	2.28949	4.49252
	LOC_Os05g04070	expressed protein	-1.8706	-1.8773
	LOC_Os05g04584	transferase family protein	-1.4308	-3.6217
	LOC_Os05g05060	expressed protein	-1.8211	1.56442
	LOC_Os05g05290	expressed protein	1.43097	3.29191
	LOC_Os05g05690	DTA2	-1.0926	-1.7627
	LOC_Os05g05830	bifunctional protein folD	-1.4474	-1.8808
	LOC_Os05g06440	dnaJ homolog subfamily B member 11 precursor	-2.1142	1.32112
	LOC_Os05g07090	acyl-coenzyme A dehydrogenase, mitochondrial precursor	1.85191	1.87565
	LOC_Os05g07130	6PF-2-K/Fru-2,6-P2ASE liver isozyme	-2.0555	-1.9564
	LOC_Os05g07140	zinc finger, C3HC4 type domain containing protein	-2.0468	-3.068
	LOC_Os05g07700	ribosomal protein	1.97299	2.48766
	LOC_Os05g07710	WD40-like domain containing protein	1.70992	2.77603
	LOC_Os05g07810	universal stress protein domain containing protein	2.61079	3.04261

LOC_Os05g07940	glyoxalase family protein	1.67749	2.7466
LOC_Os05g08420	expressed protein	3.53485	2.8983
LOC_Os05g08620	expressed protein	1.17106	2.50796
LOC_Os05g08730	early fruit mRNA	1.76628	1.16639
LOC_Os05g08770	uncharacterized protein At4g06744 precursor	-1.1442	-1.6344
LOC_Os05g08970	SSRP1-like FACT complex subunit	2.32624	3.36465
LOC_Os05g09400	30S ribosomal protein S31, chloroplast precursor	-1.4875	-1.6437
LOC_Os05g09440	NADP-dependent malic enzyme, chloroplast precursor	3.61993	4.30806
LOC_Os05g09500	hexokinase	3.57401	4.94118
LOC_Os05g10210	HAD superfamily phosphatase	-2.8045	-1.5958
LOC_Os05g10670	zinc finger CCCH type family protein	1.40648	-1.5841
LOC_Os05g10740	pollen-specific protein SF21	1.07717	1.86425
LOC_Os05g10840	calmodulin-binding protein	1.94962	4.9575
LOC_Os05g11064	expressed protein	-1.7224	-2.1255
LOC_Os05g11320	metallothionein-like protein 3B	-4.6277	-3.0681
LOC_Os05g11428	expressed protein	-1.9095	-1.0505
LOC_Os05g11560	aquaporin protein	2.1306	3.17968
LOC_Os05g12040	cytochrome P450 51	1.72912	3.42556
LOC_Os05g12400	BURP domain containing protein	-2.3034	-1.5303
LOC_Os05g12640	BURP domain containing protein	-3.8922	-2.702
LOC_Os05g13860	expressed protein	-1.8515	-1.2061
LOC_Os05g13904	expressed protein	-1.4771	-2.0123
LOC_Os05g13940	retrotransposon protein, unclassified	-2.5538	1.07976
LOC_Os05g13970	phosphorylase domain containing protein	1.92923	4.95331
LOC_Os05g14270	expressed protein	-1.2689	-1.7432
LOC_Os05g15160	phosphate/phosphate translocator	-1.8423	-1.2113
LOC_Os05g15530	aminotransferase domain containing protein	1.52134	2.44648
LOC_Os05g15880	glycosyl hydrolase	2.51884	6.34708
LOC_Os05g17604	SHR5-receptor-like kinase	1.16688	1.52404
LOC_Os05g19380	pentatricopeptide	-1.8875	-1.6072
LOC_Os05g19910	transferase family protein	-2.1342	-1.4975
LOC_Os05g22614	PTAC16	-2.5382	-1.6163
LOC_Os05g22730	expressed protein	-2.545	-2.9293
LOC_Os05g22940	acetyl-CoA carboxylase	-1.0315	-2.1672

LOC_Os05g23140	retrotransposon protein, LINE subclass	1.36072	2.58134
LOC_Os05g23610	protein phosphatase inhibitor 2 containing protein	1.6642	2.11746
LOC_Os05g23880	lipoxygenase	-2.9562	-2.9561
LOC_Os05g25350	TKL_IRAK_CrRLK1L-1.12 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog	-2.1675	-1.94
LOC_Os05g25370	TKL_IRAK_CrRLK1L-1.2 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog	-1.0353	-1.9379
LOC_Os05g25400	RNA binding protein	-2.8091	-2.9349
LOC_Os05g25640	cytochrome P450	1.14465	1.92317
LOC_Os05g25770	WRKY45	-1.8758	2.48826
LOC_Os05g25920	expressed protein	1.18467	4.06276
LOC_Os05g26870	CAMK_KIN1/SNF1/Nim1_like.21 - CAMK includes calcium/calmodulin depedent protein kinases	1.58039	1.41696
LOC_Os05g27100	expressed protein	-3.4634	-1.7625
LOC_Os05g27530	ras-related protein	1.11083	1.50191
LOC_Os05g27660	expressed protein	1.88699	2.08303
LOC_Os05g27790	membrane associated DUF588 domain containing protein	2.57267	2.32637
LOC_Os05g27930	AP2 domain containing protein	1.52661	2.49238
LOC_Os05g28090	expressed protein	-3.4075	-2.3997
LOC_Os05g28200	prenyltransferase	-3.0988	-1.9925
LOC_Os05g30140	RNA recognition motif containing protein	1.70036	1.10045
LOC_Os05g30500	expressed protein	-1.8816	3.58783
LOC_Os05g30530	40S ribosomal protein S4	-1.2816	-1.5888
LOC_Os05g30700	expressed protein	-3.291	-1.7377
LOC_Os05g30980	RNA recognition motif containing protein	1.38416	1.97
LOC_Os05g31620	OsCML15 - Calmodulin-related calcium sensor protein	1.39294	5.27238
LOC_Os05g31890	aspartyl protease family protein	-2.1834	-4.7762
LOC_Os05g32140	NAD dependent epimerase/dehydratase family protein	-2.3398	-2.2605
LOC_Os05g32220	L1P family of ribosomal proteins domain containing protein	-1.3428	-1.6255
LOC_Os05g32230	expressed protein	-2.4992	-2.4766
LOC_Os05g32630	mitochondrial carrier protein	1.80848	3.10868
LOC_Os05g33030	kinesin motor domain containing protein	1.18356	1.79028
LOC_Os05g33110	endo-1,3;1,4-beta-D-glucanase precursor	1.87042	1.63991
LOC_Os05g33130	CHIT17 - Chitinase family protein precursor	4.02024	6.18981
LOC_Os05g33280	thylakoid lumen protein	-3.3351	-2.5946

LOC_Os05g33290	uncharacterized conserved membrane protein specific to cyanobacteria	-2.2399	-1.839
LOC_Os05g33400	basic 7S globulin precursor	1.10607	3.26073
LOC_Os05g33520	expressed protein	-2.5101	-1.7395
LOC_Os05g33570	pyruvate, phosphate dikinase, chloroplast precursor	3.05925	1.47659
LOC_Os05g33620	expressed protein	-1.8523	-1.1036
LOC_Os05g33940	alpha/beta hydrolase fold	-1.8339	1.29237
LOC_Os05g34040	monooxygenase	-2.7052	-1.7388
LOC_Os05g34700	GDSL-like lipase/acylhydrolase	2.00524	2.29212
LOC_Os05g34830	No apical meristem protein	4.66497	3.98282
LOC_Os05g35274	RNA recognition motif containing protein	1.59295	2.70995
LOC_Os05g35410	potassium channel AKT2/3	-1.2262	-2.2953
LOC_Os05g35440	serine hydroxymethyltransferase, mitochondrial precursor	1.56844	2.50158
LOC_Os05g35540	GTPase of unknown function domain containing protein	-3.091	-2.2641
LOC_Os05g35970	expressed protein	1.2223	2.22315
LOC_Os05g36310	zinc finger, C3HC4 type domain containing protein	1.67379	-1.1618
LOC_Os05g37190	ZOS5-08 - C2H2 zinc finger protein	1.77518	4.20168
LOC_Os05g38120	homeodomain protein	1.01936	1.87241
LOC_Os05g38170	phosphoribosyl transferase	-1.3727	-1.5718
LOC_Os05g38264	expressed protein	3.92708	5.12653
LOC_Os05g38570	riboflavin biosynthesis protein ribAB, chloroplast precursor	-2.2412	-1.4016
LOC_Os05g38830	HECT-domain domain containing protein	1.24873	1.67744
LOC_Os05g38880	expressed protein	1.54901	4.78062
LOC_Os05g39050	Core histone H2A/H2B/H3/H4 domain containing protein	1.18014	1.53495
LOC_Os05g39140	expressed protein	1.62942	1.07635
LOC_Os05g39250	phosphatidylethanolamine-binding protein	2.34118	3.56895
LOC_Os05g39310	thiamine pyrophosphate enzyme, C-terminal TPP binding domain containing protein	-1.8869	1.03491
LOC_Os05g39680	PX domain containing protein	1.82914	1.6627
LOC_Os05g39720	WRKY70	1.11091	3.35279
LOC_Os05g39770	aminotransferase	2.44456	4.39248
LOC_Os05g40010	LTPL17 - Protease inhibitor/seed storage/LTP family protein precursor	-2.1654	-1.0071
LOC_Os05g40180	serine/threonine-protein kinase stt7, chloroplast precursor	-2.9717	-1.9079
LOC_Os05g40260	acetyltransferase, GNAT family	-1.9463	-2.2235
LOC_Os05g40270	expressed protein	-1.0649	-1.9143
LOC_Os05g41030	LTPL67 - Protease inhibitor/seed storage/LTP family protein precursor	1.82906	1.35471

LOC_Os05g41190	expressed protein	-2.8099	-3.5434
LOC_Os05g41590	glycerol-3-phosphate dehydrogenase	1.97154	4.31992
LOC_Os05g41640	phosphoglycerate kinase protein	-2.7522	-1.5806
LOC_Os05g41900	translation initiation factor SUI1	1.29573	1.52066
LOC_Os05g42000	peroxidase precursor	-1.147	-2.7042
LOC_Os05g42100	expressed protein	-1.6865	-1.2305
LOC_Os05g42190	NADPH-dependent FMN reductase domain containing protein	1.7966	3.83208
LOC_Os05g42330	secretory carrier-associated membrane protein	-2.2714	-1.3285
LOC_Os05g43040	tetratricopeptide repeat domain containing protein	1.53345	2.47574
LOC_Os05g43170	calreticulin precursor protein	-2.2283	-1.1175
LOC_Os05g43310	photosystem II reaction center W protein, chloroplast precursor	-2.9419	-3.6214
LOC_Os05g43390	signal recognition particle 54 kDa protein	1.22138	2.58373
LOC_Os05g43582	tRNA methyltran	-1.1494	-2.4819
LOC_Os05g44020	acetyltransferase, GNAT family	-1.6044	-1.4995
LOC_Os05g44060	expressed protein	1.11401	2.94452
LOC_Os05g44300	plant-specific domain TIGR01615 family protein	2.58018	1.83977
LOC_Os05g44340	heat shock protein 101	7.49195	8.4759
LOC_Os05g44810	OsIAA18 - Auxin-responsive Aux/IAA gene family member	1.53942	2.69211
LOC_Os05g45100	anthocyanidin 5,3-O-glucosyltransferase	2.53015	4.39774
LOC_Os05g45270	ribosomal L9	-1.5609	-1.5094
LOC_Os05g45300	enoyl-CoA hydratase/isomerase family protein	1.44753	1.6387
LOC_Os05g45350	dnaJ domain containing protein	2.2519	1.21407
LOC_Os05g45410	HSF-type DNA-binding domain containing protein	-1.1972	2.13803
LOC_Os05g45450	DUF584 domain containing protein	1.46821	3.82192
LOC_Os05g46430	60S ribosomal protein L28-1	-1.9125	-1.082
LOC_Os05g46460	hydrolase, alpha/beta fold family domain containing protein	2.92493	2.62971
LOC_Os05g46480	late embryogenesis abundant protein, group 3	2.0045	4.05278
LOC_Os05g46490	mov34 family protein	1.37059	1.60102
LOC_Os05g46520	polygalacturonase	-1.8939	-1.7731
LOC_Os05g46750	STE_MEKK_ste11_MAP3K.18 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	1.07205	3.70564
LOC_Os05g46760	STE_MEKK_ste11_MAP3K.19 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	1.6055	5.03401
LOC_Os05g47480	transcription initiation factor IIB	2.87794	3.04316
LOC_Os05g47540	CPuORF26 - conserved peptide uORF-containing transcript	-4.0391	-5.0841

LOC_Os05g47670	zinc finger, C3HC4 type domain containing protein	1.92708	1.2933
LOC_Os05g47960	expressed protein	3.02941	3.92838
LOC_Os05g48000	expressed protein	2.11462	2.00966
LOC_Os05g48040	MATE efflux family protein	1.07526	1.94306
LOC_Os05g48200	glutamate synthase, chloroplast precursor	-1.4975	-1.5454
LOC_Os05g48290	T-complex protein	-2.4203	-2.1993
LOC_Os05g48310	60S ribosomal protein L35a-3	-1.1803	-2.0995
LOC_Os05g48630	expressed protein	-2.5937	-1.6173
LOC_Os05g48810	dnaJ domain containing protein	1.93438	2.75661
LOC_Os05g48870	auxin response factor 15	-1.5495	-1.8735
LOC_Os05g48900	fasciclin domain containing protein	-1.9418	-1.5703
LOC_Os05g48930	OsGrx_S2 - glutaredoxin subgroup III	1.43077	3.4398
LOC_Os05g49060	uncharacterized protein ycf23	-3.3399	-2.526
LOC_Os05g49220	GTP-binding protein	-1.0549	-1.5629
LOC_Os05g49420	transcription factor	2.33631	3.37273
LOC_Os05g49430	aldose 1-epimerase	2.61619	3.61679
LOC_Os05g49620	WRKY19	-1.9962	2.5047
LOC_Os05g49770	CTP synthase	1.59798	2.27224
LOC_Os05g49860	Core histone H2A/H2B/H3/H4 domain containing protein	1.63995	-1.1821
LOC_Os05g49900	3-ketoacyl-CoA synthase	1.58839	3.81873
LOC_Os05g49940	expressed protein	2.75895	4.29016
LOC_Os05g49970	translation initiation factor IF-2, chloroplast precursor	-2.0909	-2.1379
LOC_Os05g50310	ZF-HD protein dimerisation region containing protein	-1.6086	-2.1098
LOC_Os05g50330	expressed protein	-1.7188	-1.2652
LOC_Os05g50340	MYB family transcription factor	-1.8532	-4.2102
LOC_Os05g50430	expressed	1.50182	2.0966
LOC_Os05g50750	AAA family ATPase	1.50304	2.30212
LOC_Os05g50800	expressed protein	-2.2297	-2.306
LOC_Os05g51020	leaf senescence related protein	-2.1854	-1.0128
LOC_Os05g51130	mitochondrial chaperone BCS1	3.667	6.82526
LOC_Os05g51390	uncharacterized protein PA4923	1.67077	4.08529
LOC_Os05g51620	expressed protein	-3.8686	-4.0128
LOC_Os05g51630	early-responsive to dehydration protein-related	-1.7565	-1.9762
LOC_Os05g51670	NAD dependent epimerase/dehydratase family protein	2.53609	2.98773

LOC_Os06g01210	plastocyanin, chloroplast precursor	-1.741	-1.0499
LOC_Os06g01250	cytochrome P450	-3.6987	-2.5289
LOC_Os06g01360	homogentisate 1,2-dioxygenase	2.27276	2.41919
LOC_Os06g01460	expressed protein	-1.6855	-1.5304
LOC_Os06g01760	ligA	-1.6392	-1.347
LOC_Os06g01790	expressed protein	-3.703	-1.2846
LOC_Os06g01850	ferredoxin--NADP reductase, chloroplast precursor	-4.6318	-2.484
LOC_Os06g02000	adenylate kinase	-2.5139	-1.2245
LOC_Os06g02500	superoxide dismutase, chloroplast	-1.5326	-2.2061
LOC_Os06g02510	ribosomal protein L13	-1.5666	-1.6274
LOC_Os06g02580	high-affinity nickel-transport family protein	-1.7483	-2.7387
LOC_Os06g02960	expressed protein	-2.1947	-1.8612
LOC_Os06g03580	zinc RING finger protein	-1.1709	2.86498
LOC_Os06g03660	peroxisomal biogenesis factor 11	1.73735	1.28487
LOC_Os06g03720	ribonucleoside-diphosphate reductase small chain	2.27686	2.3996
LOC_Os06g03930	cytochrome P450 86A1	-2.2378	-1.9295
LOC_Os06g04020	histone H1	-1.2363	-1.8437
LOC_Os06g04140	expressed protein	-1.4708	-1.8248
LOC_Os06g04150	magnesium-protoporphyrin O-methyltransferase	-3.4041	-3.0771
LOC_Os06g04210	expressed protein	1.84336	-1.0488
LOC_Os06g04250	phosphate-induced protein 1 conserved region domain containing protein	-1.5369	-1.3502
LOC_Os06g04270	transketolase, chloroplast precursor	-2.6613	-2.5291
LOC_Os06g04340	expressed protein	-1.7123	-1.9885
LOC_Os06g04510	enolase	-1.4462	-2.4439
LOC_Os06g04870	homeobox associated leucine zipper	1.05842	2.90249
LOC_Os06g04920	zinc finger family protein	-2.8163	-2.3674
LOC_Os06g04990	early nodulin 93 ENOD93 protein	-1.5537	1.08864
LOC_Os06g05120	expressed protein	-1.5388	-2.8661
LOC_Os06g05320	transferase family protein	1.69198	1.54964
LOC_Os06g05390	expressed protein	-2.0763	-1.7668
LOC_Os06g05410	expressed protein	3.68083	5.73269
LOC_Os06g05420	expressed protein	3.80881	5.38797
LOC_Os06g05470	expressed protein	3.62647	6.19281
LOC_Os06g05630	GDSL-like lipase/acylhydrolase	-1.9767	-3.0997

LOC_Os06g05910	methyltransferase domain containing protein	1.97523	2.99766
LOC_Os06g05950	expressed protein	-2.7914	-2.1143
LOC_Os06g06120	expressed protein	1.17024	2.14999
LOC_Os06g06750	OsMADS5 - MADS-box family gene with MIKCc type-box	1.03528	2.46102
LOC_Os06g06770	OsPOP11 - Putative Prolyl Oligopeptidase homologue	-1.4115	-2.2154
LOC_Os06g06960	S-locus-like receptor protein kinase	-1.9415	-2.0328
LOC_Os06g08470	expressed protein	-1.0365	-1.5714
LOC_Os06g09290	26S protease regulatory subunit 7	1.17119	2.49156
LOC_Os06g10100	expressed protein	1.55029	1.4739
LOC_Os06g10109	expressed protein	-1.6561	-1.1597
LOC_Os06g10160	tyrosine protein kinase domain containing protein	1.20038	1.95914
LOC_Os06g10210	expressed protein	1.25803	3.75407
LOC_Os06g10510	oxidoreductase/ transition metal ion binding protein	-1.7448	-1.6064
LOC_Os06g10520	pantothenate kinase	1.93692	2.03079
LOC_Os06g10790	lectin-like receptor kinase	-1.9248	-1.9783
LOC_Os06g11200	12-oxophytodienoate reductase	3.80681	7.16756
LOC_Os06g11210	12-oxophytodienoate reductase	4.03538	6.9785
LOC_Os06g11290	12-oxophytodienoate reductase	8.84219	10.2479
LOC_Os06g11510	expressed protein	1.23366	2.20738
LOC_Os06g11860	ethylene-responsive transcription factor	1.01683	1.80632
LOC_Os06g12280	glycosyl transferase 8 domain containing protein	-1.8221	-1.3834
LOC_Os06g12320	transmembrane amino acid transporter protein	-1.0239	-2.4156
LOC_Os06g12530	CS domain containing protein	1.01697	1.66577
LOC_Os06g12630	glutathione S-transferase, N-terminal domain containing protein	-2.1103	-2.4816
LOC_Os06g12680	RING-H2 finger protein	-1.0877	-1.6656
LOC_Os06g12780	OsDegp10 - Putative Deg protease homologue	1.4514	1.75172
LOC_Os06g13560	SAM dependent carboxyl methyltransferase	2.8038	2.52987
LOC_Os06g13660	alanyl-tRNA synthetase	-2.0946	-2.1113
LOC_Os06g13760	glycosyl transferase 8 domain containing protein	-1.7377	-1.0025
LOC_Os06g14030	potassium channel SKOR	3.41623	2.93361
LOC_Os06g15400	expressed protein	-2.9656	-2.2884
LOC_Os06g15550	ubiquitin carboxyl-terminal hydrolase, family 1	1.5219	1.07031
LOC_Os06g15910	potassium transporter	1.34856	2.96044
LOC_Os06g16300	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-2.4247	-2.7802

LOC_Os06g16330	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-1.5721	-2.4423
LOC_Os06g16980	DNA topoisomerase I family protein	-1.1412	-1.911
LOC_Os06g17970	NBS-LRR disease resistance protein	-2.428	-2.0446
LOC_Os06g18000	protein kinase domain containing protein	-1.7473	-1.7267
LOC_Os06g18670	anthocyanidin 3-O-glucosyltransferase	-3.8042	-1.6366
LOC_Os06g18960	embryogenesis transmembrane protein	-2.2408	-1.2201
LOC_Os06g20040	aspartic proteinase nepenthesin-2 precursor	-1.9068	-1.1034
LOC_Os06g20150	peroxidase precursor	-1.0936	-3.8145
LOC_Os06g21110	expressed protein	-1.7396	-2.8598
LOC_Os06g21590	chlorophyll A-B binding protein	-1.6773	-1.4213
LOC_Os06g22020	cytochrome P450	1.64903	1.44377
LOC_Os06g22290	legume lectins beta domain containing protein	-1.585	1.87036
LOC_Os06g22380	expressed protein	-1.3059	-1.6901
LOC_Os06g22660	EMB1303	-1.6631	-1.5318
LOC_Os06g22919	DEFL9 - Defensin and Defensin-like DEFL family	3.01279	2.58184
LOC_Os06g26234	1,4-alpha-glucan-branching enzyme	-2.0429	-1.4935
LOC_Os06g27860	poor homologous synapsis 1 protein	-3.0337	-1.6021
LOC_Os06g28950	expressed protein	-1.8411	-1.9788
LOC_Os06g29730	RALFL28 - Rapid ALkalinization Factor RALF family protein precursor	-1.9807	-1.8161
LOC_Os06g29790	phosphate transporter 1	-2.0751	-4.1977
LOC_Os06g30970	ubiquitin-conjugating enzyme	1.72156	2.7561
LOC_Os06g31090	GAMYB-binding protein	4.40291	6.63166
LOC_Os06g32990	peroxidase precursor	-1.3904	-2.3132
LOC_Os06g33970	VQ domain containing protein	1.18832	3.05496
LOC_Os06g35030	RNA recognition motif containing protein	1.48643	2.80317
LOC_Os06g35160	CAMK_KIN1/SNF1/Nim1_like.26 - CAMK includes calcium/calmodulin depedent protein kinases	-1.1456	-1.6296
LOC_Os06g35700	reticuline oxidase-like protein precursor	3.27754	7.41264
LOC_Os06g35730	ribosomal protein L5	1.70629	1.64225
LOC_Os06g36090	ABC-2 type transporter	-2.691	-1.4901
LOC_Os06g36560	inositol oxygenase	6.96508	3.05772
LOC_Os06g36710	transposon protein, CACTA, En/Spm sub-class	1.10985	1.67142
LOC_Os06g36840	cysteine synthase	-2.3931	-1.4914
LOC_Os06g36930	HSF-type DNA-binding domain containing protein	5.95157	5.53023
LOC_Os06g37070	expressed protein	-1.8454	-1.8639

LOC_Os06g38680	expressed protein	3.51214	3.1558
LOC_Os06g38750	proline-rich family protein	1.31397	1.62335
LOC_Os06g38970	expressed protein	-1.6054	-1.5985
LOC_Os06g39110	expressed protein	-1.0414	-3.4021
LOC_Os06g39120	expressed protein	-2.2794	-2.8979
LOC_Os06g39240	endothelial differentiation-related factor 1	4.97243	5.34706
LOC_Os06g39330	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-1.1359	-1.7497
LOC_Os06g40210	expressed protein	-1.7744	-1.6884
LOC_Os06g40640	fructose-bisphospate aldolase isozyme	-4.0861	-2.465
LOC_Os06g40818	aspartic proteinase	-1.5838	-1.7959
LOC_Os06g41020	DUF1680 domain containing protein	-2.2129	-1.7592
LOC_Os06g41540	expressed protein	-1.838	-1.651
LOC_Os06g43430	cytochrome P450	-1.7693	-2.4627
LOC_Os06g43620	haemolysin-III	-1.435	-2.2355
LOC_Os06g43700	transmembrane amino acid transporter protein	1.45546	1.60607
LOC_Os06g43810	expressed protein	-1.5084	-1.2252
LOC_Os06g43900	ribosomal protein L35	-2.7584	-1.4327
LOC_Os06g44160	heat shock protein DnaJ	1.5325	2.30111
LOC_Os06g44250	haemolysin-III	1.2874	5.05639
LOC_Os06g44450	CCT/B-box zinc finger protein	-2.0876	-1.0356
LOC_Os06g44610	membrane associated DUF588 domain containing protein	-1.1565	-1.7728
LOC_Os06g44620	AMP-binding domain containing protein	1.84324	1.64853
LOC_Os06g45060	expressed protein	1.6323	1.66319
LOC_Os06g45140	bZIP transcription factor domain containing protein	3.66557	3.64957
LOC_Os06g45184	retrotransposon protein, Ty3-gypsy subclass	2.44378	3.0206
LOC_Os06g45340	peptidyl-prolyl cis-trans isomerase, FKBP-type	-1.6814	-2.1542
LOC_Os06g45370	fructose-1,6-bisphosphatase	-3.0917	-1.6629
LOC_Os06g45380	vacuolar-sorting receptor precursor	-1.5978	-1.1589
LOC_Os06g45500	copper-transporting ATPase	1.51705	1.97902
LOC_Os06g45570	VQ domain containing protein	1.51888	3.69888
LOC_Os06g45660	histidine triad family protein	-1.4071	-1.918
LOC_Os06g45840	MYB transcription factor	1.29979	1.55307
LOC_Os06g45890	MYB family transcription factor	2.08369	3.34034
LOC_Os06g45970	OsSAUR26 - Auxin-responsive SAUR gene family member	-2.7659	-1.1788

LOC_Os06g46140	expressed protein	3.82088	5.00592
LOC_Os06g46149	serine/arginine repetitive matrix protein 1	-2.1305	-2.6517
LOC_Os06g46799	peroxidase precursor	-1.8462	-1.7779
LOC_Os06g46900	phosphosulfolactate synthase-related protein	2.25525	1.30961
LOC_Os06g46930	ribosomal protein L24	-3.0397	-1.1722
LOC_Os06g47120	expressed protein	1.16265	3.4044
LOC_Os06g47270	zinc finger, C3HC4 type domain containing protein	3.3105	5.38083
LOC_Os06g47310	plant-specific domain TIGR01627 family protein	-1.2924	-2.256
LOC_Os06g47700	serine/threonine-protein kinase BRI1-like 2 precursor	1.09033	1.94743
LOC_Os06g48160	glycosyl hydrolases family 16	-1.7365	-1.4212
LOC_Os06g48810	OsHKT2;1 - Na+ transporter	-1.2105	-2.0146
LOC_Os06g49000	expressed protein	1.04963	1.51875
LOC_Os06g49030	activator of 90 kDa heat shock protein ATPase homolog	1.04684	2.30792
LOC_Os06g49040	Myb-like DNA-binding domain containing protein	-1.4142	-1.8494
LOC_Os06g49070	expressed protein	-1.8873	-1.396
LOC_Os06g49120	Complex I intermediate-associated protein 30 domain containing protein	-1.5748	-1.305
LOC_Os06g49160	thylakoid lumenal 16.5 kDa protein, chloroplast precursor	-3.2998	-2.201
LOC_Os06g49760	invertase/pectin methylesterase inhibitor family protein	1.99404	1.75596
LOC_Os06g50070	expressed protein	-2.3277	-1.676
LOC_Os06g50120	novel plant SNARE 11	-1.9605	-1.434
LOC_Os06g50130	expressed protein	-2.2983	-3.0839
LOC_Os06g50390	eukaryotic aspartyl protease domain containing protein	-1.6202	-1.0586
LOC_Os06g50930	rhodanese-like domain containing protein	3.16928	1.342
LOC_Os06g51150	catalase isozyme B	2.97338	2.74612
LOC_Os06g51290	phytoene synthase, chloroplast precursor	-2.89	-1.7867
LOC_Os07g01030	glycosyl transferase, group 1 domain containing protein	-1.1255	-1.9758
LOC_Os07g01214	transposon protein, unclassified	-2.2188	-2.5111
LOC_Os07g01480	oxygen evolving enhancer protein 3 domain containing protein	-3.4728	-1.8801
LOC_Os07g01490	kinesin motor domain containing protein	3.40591	3.53195
LOC_Os07g01560	transporter family protein	1.18101	2.58791
LOC_Os07g01760	aminotransferase, classes I and II, domain containing protein	-2.1787	-2.2943
LOC_Os07g01860	expressed protein	-1.0434	-1.5821
LOC_Os07g02060	WRKY29	-1.7915	-1.519
LOC_Os07g03130	PDV2	-1.0096	-2.3051

LOC_Os07g03279	SCP-like extracellular protein	4.6247	2.09708
LOC_Os07g03880	lectin-like receptor kinase	-1.5448	-1.6664
LOC_Os07g03900	lectin-like receptor kinase	-1.0388	-1.6116
LOC_Os07g04160	peptidyl-prolyl cis-trans isomerase, FKBP-type	-1.8039	-1.8608
LOC_Os07g04180	amino acid transporter	-2.0289	-1.072
LOC_Os07g04840	PsbP	-1.3785	-1.5977
LOC_Os07g05000	oxidoreductase, aldo/keto reductase family protein	-1.56	-1.8884
LOC_Os07g05480	photosystem I reaction center subunit, chloroplast precursor	-1.538	-1.7697
LOC_Os07g05570	ERD4 protein	-2.1107	-1.1136
LOC_Os07g05820	hydroxyacid oxidase 1	-1.0675	-1.6812
LOC_Os07g05940	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	2.9885	4.19244
LOC_Os07g06450	RNA recognition motif containing protein	-2.9301	-2.8093
LOC_Os07g06460	expressed protein	1.75077	2.2677
LOC_Os07g06600	glutaredoxin	1.04238	2.61834
LOC_Os07g06830	gibberellin receptor GID1L2	-1.0728	2.08297
LOC_Os07g06840	gibberellin receptor GID1L2	-1.1308	-1.5837
LOC_Os07g07300	expressed protein	-1.6737	-2.4851
LOC_Os07g07310	polynucleotide phosphorylase	-1.5785	-1.4681
LOC_Os07g07440	versicolorin reductase	3.73241	2.74031
LOC_Os07g07470	transketolase	2.38018	2.19287
LOC_Os07g07540	SHOOT1 protein	-3.4499	-2.6886
LOC_Os07g07930	LTPL78 - Protease inhibitor/seed storage/LTP family protein precursor	1.17456	3.57292
LOC_Os07g08030	ribose-5-phosphate isomerase A	-2.6404	-2.6
LOC_Os07g08160	early light-induced protein, chloroplast precursor	3.87358	1.14555
LOC_Os07g08840	thioredoxin	2.01864	2.18431
LOC_Os07g08950	FAD-linked oxidoreductase protein	2.39913	2.56347
LOC_Os07g09010	nodulin	1.41091	2.59717
LOC_Os07g09020	argonaute	1.05715	2.02939
LOC_Os07g09060	aldehyde dehydrogenase	1.86396	1.37627
LOC_Os07g09190	transketolase	-1.2242	1.93981
LOC_Os07g09310	thioredoxin	-1.6219	-1.7271
LOC_Os07g09330	inositol-1-monophosphatase	-2.7141	-1.4123
LOC_Os07g09370	pentatricopeptide	-1.7699	-1.7806
LOC_Os07g09670	galactosyltransferase family protein	-1.0104	2.03581

LOC_Os07g09800	expressed protein	-2.3623	-2.0048
LOC_Os07g10840	uncharacterized glycosyltransferase	-1.8759	-2.7171
LOC_Os07g11300	expressed protein	1.99513	2.69408
LOC_Os07g11870	cytochrome P450	-5.5707	-2.4855
LOC_Os07g12340	NAC domain-containing protein 67	1.28503	5.34171
LOC_Os07g12510	AP2 domain containing protein	1.3548	2.33822
LOC_Os07g14140	LTPL54 - Protease inhibitor/seed storage/LTP family protein precursor	2.02696	3.50501
LOC_Os07g14150	cytidine deaminase	2.33085	3.83322
LOC_Os07g14590	hydrolase	1.52559	1.30932
LOC_Os07g14700	harpin-induced protein 1 domain containing protein	-1.9228	-1.0219
LOC_Os07g14890	expressed protein	-1.9683	-1.5933
LOC_Os07g16970	rab GDP dissociation inhibitor alpha	1.28623	2.75792
LOC_Os07g17184	expressed protein	1.19145	2.88919
LOC_Os07g19540	expressed protein	6.50581	6.70591
LOC_Os07g20544	aspartokinase, chloroplast precursor	-2.5072	-1.3126
LOC_Os07g22570	retrotransposon protein, unclassified	3.96348	3.31179
LOC_Os07g22650	expressed protein	-1.9056	-1.5587
LOC_Os07g22730	AP2 domain containing protein	3.11241	6.52806
LOC_Os07g23150	transferase family protein	-1.05	-2.2581
LOC_Os07g23494	expressed protein	2.23857	1.51311
LOC_Os07g23570	cytochrome P450 72A1	4.18476	8.14357
LOC_Os07g23710	cytochrome P450	4.15681	7.65528
LOC_Os07g25430	photosystem I reaction center subunit IV A, chloroplast precursor	-2.4177	-1.8164
LOC_Os07g26110	membrane associated DUF588 domain containing protein	4.00982	3.42179
LOC_Os07g26690	aquaporin protein	-2.1049	-2.2847
LOC_Os07g27810	fiber protein Fb34	-1.8888	-1.0165
LOC_Os07g28090	ABC transporter, ATP-binding protein	-2.3623	-2.053
LOC_Os07g28400	CDGSH iron sulfur domain-containing protein 1	-2.1094	-1.918
LOC_Os07g28480	glutathione S-transferase	-1.9913	-3.0155
LOC_Os07g28610	expressed protein	-3.679	-1.895
LOC_Os07g28644	expressed protein	-1.9653	-1.2797
LOC_Os07g29240	expressed protein	-3.0535	-1.751
LOC_Os07g29290	expansin precursor	-1.2764	-2.2054
LOC_Os07g30150	phosphoribosyl transferase	-2.0521	-3.475

LOC_Os07g30300	small G protein family protein	1.52421	2.6099
LOC_Os07g30670	2Fe-2S iron-sulfur cluster binding domain containing protein	-4.0309	-3.5534
LOC_Os07g31884	MATE efflux family protein	-1.3688	-2.7686
LOC_Os07g32020	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-2.0914	-1.9027
LOC_Os07g32570	OsAPRL1 adenosine 5'-phosphosulfate reductase-like OsAPRL1	1.89405	1.54247
LOC_Os07g32590	peptidase, M24 family protein	-1.8468	-3.2782
LOC_Os07g32630	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-3.7474	-2.5707
LOC_Os07g32710	retrotransposon protein, unclassified	-1.7348	-2.4008
LOC_Os07g32800	autophagy-related protein	1.37632	2.23745
LOC_Os07g32880	ATP synthase gamma chain	-3.2339	-2.7057
LOC_Os07g33240	endoribonuclease	1.01403	1.62199
LOC_Os07g33270	DUF584 domain containing protein	2.06469	4.21908
LOC_Os07g33360	expressed protein	1.84894	1.95624
LOC_Os07g33480	cytochrome P450 domain containing protein	-1.6533	-2.2159
LOC_Os07g33660	expressed protein	-1.8193	-1.2855
LOC_Os07g34520	isocitrate lyase	6.75084	3.23313
LOC_Os07g34830	ankyrin repeat family protein	-3.7929	-2.9662
LOC_Os07g35480	glucan endo-1,3-beta-glucosidase precursor	-5.7791	-2.9961
LOC_Os07g35560	glucan endo-1,3-beta-glucosidase precursor	-3.132	-1.8279
LOC_Os07g35730	TKL_IRAK_DUF26-lc.23 - DUF26 kinases have homology to DUF26 containing loci	-2.6008	-1.3991
LOC_Os07g36180	pentatricopeptide	-2.1034	-1.9003
LOC_Os07g36390	PPR repeat containing protein	-1.4664	-3.5495
LOC_Os07g36544	serine/threonine-protein kinase receptor precursor	1.00975	5.08834
LOC_Os07g36560	transferase family protein	-3.0746	2.21353
LOC_Os07g36590	serine/threonine-protein kinase receptor precursor	2.28577	2.3964
LOC_Os07g36600	universal stress protein domain containing protein	1.99109	4.391
LOC_Os07g37100	nucleoside transporter	1.55249	3.03714
LOC_Os07g37210	MYB family transcription factor	1.45488	2.26794
LOC_Os07g37220	inositol-1-monophosphatase	-1.0615	-1.9287
LOC_Os07g37230	inositol-1-monophosphatase	-1.7202	-1.5928
LOC_Os07g37240	chlorophyll A-B binding protein	-2.6695	-2.4633
LOC_Os07g37320	transporter family protein	2.18817	3.54298
LOC_Os07g37400	OsFBX257 - F-box domain containing protein	2.89181	5.04914
LOC_Os07g37454	urate anion exchanger	-2.5291	-3.7291

LOC_Os07g37550	chlorophyll A-B binding protein	-2.2117	-2.3385
LOC_Os07g37730	NADH-ubiquinone oxidoreductase, mitochondrial precursor	1.55283	3.39047
LOC_Os07g37830	peptidyl-prolyl cis-trans isomerase CYP37, chloroplast precursor	-2.2499	-1.6859
LOC_Os07g38000	cytochrome c	-1.9113	-1.1913
LOC_Os07g38150	expressed protein	-1.4619	-1.7727
LOC_Os07g38230	expressed protein	-1.1256	-2.0336
LOC_Os07g38300	ribosome recycling factor	-1.7937	-1.2714
LOC_Os07g38960	chlorophyll A-B binding protein	-2.4459	-2.9565
LOC_Os07g39520	STE_PAK_Ste20_Slob_Wnk.5 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	3.61405	4.81672
LOC_Os07g39860	expressed protein	3.60586	6.57869
LOC_Os07g40000	DUF260 domain containing protein	-1.1291	-1.8037
LOC_Os07g40300	ZOS7-10 - C2H2 zinc finger protein	1.52326	3.40954
LOC_Os07g41080	hydrolase, alpha/beta fold family domain containing protein	-1.1853	-1.8085
LOC_Os07g41220	peptidase aspartic family protein	1.5181	1.09474
LOC_Os07g41360	alpha-1,4-glucan-protein synthase	-1.6273	-1.9263
LOC_Os07g41630	expressed protein	-1.2433	-2.528
LOC_Os07g42250	strictosidine synthase	-3.0245	-2.5649
LOC_Os07g42420	3-oxoacyl-synthase	-2.1892	-2.5341
LOC_Os07g42440	hydroxyacid oxidase 1	-2.9015	-2.4909
LOC_Os07g42590	OsFBX258 - F-box domain containing protein	2.56147	2.58022
LOC_Os07g42700	paramyosin	-1.4325	-2.1461
LOC_Os07g42910	cytochrome c oxidase subunit	1.12788	2.05263
LOC_Os07g43040	heavy metal-associated domain containing protein	-1.0779	-1.6519
LOC_Os07g43070	expressed protein	1.27447	2.73433
LOC_Os07g43240	SKP1-like protein 1B	3.81185	3.61102
LOC_Os07g43250	SKP1-like protein 1B	1.6216	1.37975
LOC_Os07g43370	amine oxidase family protein	-2.8858	-1.7175
LOC_Os07g43560	TKL_IRAK_DUF26-lc.24 - DUF26 kinases have homology to DUF26 containing loci	-3.7918	-2.9008
LOC_Os07g43570	TKL_IRAK_DUF26-lc.25 - DUF26 kinases have homology to DUF26 containing loci	-2.8494	-3.1422
LOC_Os07g43604	expressed protein	3.19704	4.69432
LOC_Os07g43940	X8 domain containing protein	-1.5236	-1.1392
LOC_Os07g43970	calmodulin-binding protein	2.86298	4.52974
LOC_Os07g44140	cytochrome P450 72A1	5.96876	8.67016
LOC_Os07g44230	ribosomal protein L7Ae/L30e/S12e/Gadd45 family protein	-2.6741	-2.4762

LOC_Os07g44290	CAMK_KIN1/SNF1/Nim1_like.29 - CAMK includes calcium/calmodulin depedent protein kinases	1.14415	1.76502
LOC_Os07g44400	POK1	2.07143	2.24803
LOC_Os07g44410	WD40-like Beta Propeller Repeat family protein	5.20214	5.02285
LOC_Os07g44430	peroxiredoxin	3.31197	5.72731
LOC_Os07g44440	peroxiredoxin	8.78554	9.78919
LOC_Os07g44850	gibberellin receptor GID1L2	1.33817	3.24453
LOC_Os07g45234	expressed	-1.2323	-1.5898
LOC_Os07g46030	expressed protein	1.05471	3.03132
LOC_Os07g46320	uncharacterized UPF0114 domain containing protein	-1.042	-1.5747
LOC_Os07g46410	bifunctional thioredoxin reductase/thioredoxin	-2.6838	-2.3215
LOC_Os07g46460	ferredoxin-dependent glutamate synthase, chloroplast precursor	-1.6494	-1.0477
LOC_Os07g46540	condensin complex subunit 1	2.08276	1.38278
LOC_Os07g46790	4-alpha-glucanotransferase	-1.9786	-1.3738
LOC_Os07g46950	ligA	2.30451	1.25658
LOC_Os07g47040	expressed protein	-1.5062	-1.8444
LOC_Os07g47100	transporter, monovalent cation:proton antiporter-2 family	3.35553	4.17289
LOC_Os07g47530	AAA-type ATPase family protein	1.86985	2.48072
LOC_Os07g47590	expressed protein	2.307	3.81732
LOC_Os07g47670	hypoxia-responsive family protein	2.32032	5.19832
LOC_Os07g47700	NAD dependent epimerase/dehydratase family domain containing protein	-3.1067	-2.235
LOC_Os07g47790	AP2 domain containing protein	2.9037	5.1383
LOC_Os07g47990	peroxidase precursor	-3.3975	-2.106
LOC_Os07g48010	peroxidase precursor	-4.3072	-3.4862
LOC_Os07g48020	peroxidase precursor	-3.5526	-3.5083
LOC_Os07g48040	peroxidase precursor	-2.4498	-1.456
LOC_Os07g48050	peroxidase precursor	-5.1257	-2.0421
LOC_Os07g48060	peroxidase precursor	2.39774	1.9579
LOC_Os07g48260	WRKY47	-2.1952	-1.1252
LOC_Os07g48450	no apical meristem protein	4.25951	3.08596
LOC_Os07g48510	thioredoxin	1.29378	1.57255
LOC_Os07g48550	no apical meristem protein	1.65322	3.73342
LOC_Os07g48730	tyrosine protein kinase domain containing protein	1.53571	4.82962
LOC_Os07g48790	SNF1-related protein kinase regulatory subunit beta-1	2.05938	1.0764
LOC_Os07g48830	glycosyl transferase 8 domain containing protein	2.1832	3.19005

LOC_Os07g48980	nicotianamine synthase	-2.4103	-3.5672
LOC_Os07g49114	wound-induced protein WI12	2.3028	4.09887
LOC_Os07g49310	omega-3 fatty acid desaturase, chloroplast precursor	-4.8455	-1.9385
LOC_Os07g49330	phospholipase C	-1.5484	-1.0496
LOC_Os07g49520	2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor	1.21324	1.84626
LOC_Os08g01170	acetyltransferase, GNAT family	-3.4775	-1.3451
LOC_Os08g01290	OsFBT12 - F-box and tubby domain containing protein	1.13981	1.82505
LOC_Os08g01380	2Fe-2S iron-sulfur cluster binding domain containing protein	-2.8584	-1.7433
LOC_Os08g01420	PHD-finger domain containing protein	1.19165	1.60771
LOC_Os08g01480	cytochrome P450	2.09761	1.92961
LOC_Os08g01620	shwachman-Bodian-Diamond syndrome protein	1.21042	1.6355
LOC_Os08g01950	transferase family protein	-1.2035	-1.8439
LOC_Os08g01980	transferase family protein	1.83334	3.19066
LOC_Os08g02030	transferase family protein	4.20415	7.15634
LOC_Os08g02230	FAD-binding and arabino-lactone oxidase domains containing protein	2.12244	2.11316
LOC_Os08g02460	expressed protein	1.55563	1.14907
LOC_Os08g02630	photosystem II core complex proteins psbY, chloroplast precursor	-2.2403	-2.0538
LOC_Os08g02700	fructose-bisphospate aldolase isozyme	1.1778	2.58468
LOC_Os08g04350	plastocyanin-like domain containing protein	1.5676	3.3887
LOC_Os08g04420	tyrosine protein kinase domain containing protein	2.77551	3.01341
LOC_Os08g04430	expressed protein	3.17394	1.60069
LOC_Os08g04840	MYB family transcription factor	1.20823	1.52246
LOC_Os08g05790	caffeoyl-CoA O-methyltransferase	-1.4718	-2.0934
LOC_Os08g06100	O-methyltransferase	-2.5983	-3.4322
LOC_Os08g06280	LSD1 zinc finger domain containing protein	-1.2909	-1.6396
LOC_Os08g06530	rubredoxin family protein	-2.9777	-2.7041
LOC_Os08g06550	acyl CoA binding protein	-2.607	-1.9824
LOC_Os08g07100	terpene synthase	1.51154	4.49986
LOC_Os08g07690	expressed protein	-3.1067	-1.0841
LOC_Os08g07970	transcription factor	1.31611	2.06872
LOC_Os08g08140	receptor-like kinase	-1.1561	-1.5784
LOC_Os08g08592	expressed protein	1.26499	1.71847
LOC_Os08g08920	Cupin domain containing protein	1.49918	1.79156
LOC_Os08g08990	Cupin domain containing protein	3.44405	3.45098

LOC_Os08g09010	Cupin domain containing protein	4.66929	5.3863
LOC_Os08g09020	Cupin domain containing protein	3.18911	1.97407
LOC_Os08g09060	Cupin domain containing protein	3.83055	2.32801
LOC_Os08g09080	Cupin domain containing protein	4.07048	3.48268
LOC_Os08g09370	polyprenyl synthetase	-1.3371	-2.773
LOC_Os08g09770	DnaK family protein	1.69013	2.93604
LOC_Os08g10130	expressed protein	-1.8257	-1.0944
LOC_Os08g10300	SHR5-receptor-like kinase	-1.3759	-2.3348
LOC_Os08g10310	SHR5-receptor-like kinase	-1.5373	-3.1455
LOC_Os08g10550	potassium transporter	1.24218	3.44577
LOC_Os08g13350	expressed protein	-1.3801	-2.3091
LOC_Os08g13400	expressed protein	1.67856	3.29639
LOC_Os08g13640	ankyrin	1.55702	1.18428
LOC_Os08g14190	flavonol sulfotransferase	-2.7266	-1.0274
LOC_Os08g14440	uridylyltransferase-related	-2.1168	-2.2201
LOC_Os08g14450	RNA polymerase sigma factor	-2.0507	-2.2543
LOC_Os08g14760	AMP-binding domain containing protein	-1.5367	-1.9736
LOC_Os08g15030	aspartate carbamoyltransferase	-1.7451	-2.1868
LOC_Os08g15460	preprotein translocase subunit secY	-2.9379	-1.898
LOC_Os08g15650	expressed protein	1.22793	3.15099
LOC_Os08g16570	expressed protein	-2.3173	-1.5995
LOC_Os08g16830	retrotransposon protein, SINE subclass	-1.3585	-2.7384
LOC_Os08g16940	ZOS8-01 - C2H2 zinc finger protein	1.16239	3.17321
LOC_Os08g17140	retrotransposon protein, unclassified	2.80096	2.93682
LOC_Os08g17390	expressed protein	-4.7949	-2.0669
LOC_Os08g18974	expressed protein	1.37367	3.44932
LOC_Os08g19140	adenylate kinase family protein	-2.1121	-1.3277
LOC_Os08g19590	Homeobox domain containing protein	-1.7668	-1.2284
LOC_Os08g20220	retrotransposon protein, unclassified	1.03979	2.19658
LOC_Os08g22149	CBS domain containing membrane protein	-1.1496	-1.7228
LOC_Os08g23210	retrotransposon protein, unclassified	2.01914	1.48315
LOC_Os08g23410	rubredoxin family protein	-2.6166	-2.7255
LOC_Os08g23810	enoyl-acyl-carrier-protein reductase NADH, chloroplast precursor	-1.8478	-2.633
LOC_Os08g24400	SWP	1.08851	1.75986

LOC_Os08g25140	ethanol tolerance protein GEKO1	1.49433	2.05886
LOC_Os08g25734	glucose-1-phosphate adenylyltransferase large subunit, chloroplast precursor	-3.103	-1.6829
LOC_Os08g26220	expressed protein	-1.1363	-3.1431
LOC_Os08g26230	expressed protein	-1.7102	-1.9914
LOC_Os08g26520	expressed protein	-1.8018	3.54654
LOC_Os08g26710	plant protein of unknown function domain containing protein	-1.5782	-3.8463
LOC_Os08g26880	bZIP transcription factor domain containing protein	1.30164	2.29441
LOC_Os08g27010	APE1	-1.9977	-2.2502
LOC_Os08g28710	receptor protein kinase CRINKLY4 precursor	2.01521	3.10175
LOC_Os08g28790	dirigent	-2.4437	-1.4755
LOC_Os08g28870	receptor-like protein kinase 5 precursor	-1.1998	-1.7626
LOC_Os08g29110	thioredoxin	-1.8721	-2.2378
LOC_Os08g29160	5-AMP-activated protein kinase beta-1 subunit-related	1.62016	2.13389
LOC_Os08g29170	dehydrogenase	-2.4489	-2.7192
LOC_Os08g29370	peptidyl-prolyl cis-trans isomerase, chloroplast precursor	-3.0127	-2.1336
LOC_Os08g30020	membrane protein	1.87568	1.94177
LOC_Os08g31090	expressed protein	2.44009	4.70119
LOC_Os08g31510	DUF581 domain containing protein	-1.2927	-2.3833
LOC_Os08g31560	WD-40 repeat family protein	1.30028	3.77306
LOC_Os08g31750	methyltransferase	-1.4181	-2.2222
LOC_Os08g32750	bifunctional monodehydroascorbate reductase and carbonic anhydrasenectarin-3 precursor	1.60679	-3.2725
LOC_Os08g32850	methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor	1.91389	2.95096
LOC_Os08g32970	annexin	2.3512	3.76044
LOC_Os08g32980	expressed protein	1.95139	2.34604
LOC_Os08g33150	MYB family transcription factor	-1.879	-2.3211
LOC_Os08g33380	expressed protein	-1.4251	-2.2451
LOC_Os08g33650	SET domain-containing protein	-2.0155	-2.3822
LOC_Os08g33820	chlorophyll A-B binding protein	-2.1539	-1.5799
LOC_Os08g33900	CAAX amino terminal protease family protein	-1.225	-1.797
LOC_Os08g34050	phosphofructokinase	-1.3377	-1.8569
LOC_Os08g34070	DCN1	1.82406	2.52081
LOC_Os08g34220	omega-6 fatty acid desaturase, chloroplast precursor	-1.4662	-1.6672
LOC_Os08g34290	chorismate mutase, chloroplast precursor	1.72893	2.32015
LOC_Os08g34500	expressed protein	1.68176	1.77793

LOC_Os08g34700	GDU1	-1.8913	-3.0221
LOC_Os08g34800	expressed protein	1.83128	4.6275
LOC_Os08g35160	heat shock protein DnaJ	-1.47	-1.6502
LOC_Os08g35600	tyrosine protein kinase domain containing protein	-1.3761	3.14125
LOC_Os08g35630	MTD1	2.32218	5.27763
LOC_Os08g35860	cytokinin dehydrogenase precursor	1.9141	-2.2937
LOC_Os08g36060	expressed protein	-1.476	-2.1756
LOC_Os08g36140	expressed protein	-1.1788	-1.7783
LOC_Os08g36320	decarboxylase	-3.0316	-1.7058
LOC_Os08g36340	potassium transporter	1.43666	3.00509
LOC_Os08g36480	nitrate reductase	-2.7707	-4.7039
LOC_Os08g36630	bifunctional monodehydroascorbate reductase and carbonic anhydrasenectarin-3 precursor	1.99408	3.74506
LOC_Os08g36860	cytochrome P450	-1.3267	-1.6405
LOC_Os08g36910	alpha-amylase precursor	5.64517	7.55642
LOC_Os08g36920	AP2 domain containing protein	2.05428	3.45991
LOC_Os08g37040	gibberellin receptor GID1L2	-1.7494	-1.9531
LOC_Os08g37800	CAMK_KIN1/SNF1/Nim1_like_AMPKh.4 - CAMK includes calcium/calmodulin depedent protein kinases	1.46938	2.28171
LOC_Os08g37874	2-nitropropane dioxygenase family	2.78199	4.3665
LOC_Os08g37890	expressed protein	1.31883	3.14644
LOC_Os08g37930	beta-expansin precursor	-4.6742	-5.463
LOC_Os08g37940	HAD-superfamily hydrolase subfamily IA, variant 3	-4.6605	-2.7498
LOC_Os08g38600	copine	2.08282	2.98996
LOC_Os08g39140	heat shock protein	1.47556	1.81184
LOC_Os08g39150	expressed protein	2.4461	2.94023
LOC_Os08g39430	thylakoid lumenal 19 kDa protein, chloroplast precursor	-1.8525	-1.3848
LOC_Os08g39500	60S ribosomal protein L31	-1.5745	-1.0362
LOC_Os08g39660	cytochrome P450	3.72975	3.14314
LOC_Os08g39730	cytochrome P450	3.84196	4.78452
LOC_Os08g39850	lipoxygenase, chloroplast precursor	1.23899	3.24149
LOC_Os08g39990	expressed protein	-1.8459	-2.4816
LOC_Os08g40160	thylakoid lumen protein, chloroplast precursor	-1.2913	-2.5952
LOC_Os08g40270	lectin-like protein kinase	1.1342	2.99428
LOC_Os08g40690	glycosyl hydrolase	-1.9103	1.7474
LOC_Os08g41040	expressed protein	-2.0525	-2.1618

LOC_Os08g41090	peroxidase precursor	-1.6226	-1.9917
LOC_Os08g41390	peptidyl-prolyl isomerase	1.31733	1.5323
LOC_Os08g41400	expressed protein	-1.8036	-1.9077
LOC_Os08g41460	expressed protein	-1.5913	-1.1614
LOC_Os08g42100	ACT domain containing protein	-1.1701	-1.6506
LOC_Os08g42550	AP2 domain containing protein	2.13166	3.51322
LOC_Os08g42590	mtN19	1.10026	1.51107
LOC_Os08g42800	expressed protein	1.58809	4.20754
LOC_Os08g42850	peptidyl-prolyl cis-trans isomerase, FKBP-type	-2.6668	-1.6907
LOC_Os08g43040	transferase family protein	-1.4996	-1.7076
LOC_Os08g43230	TraB family protein	-2.5209	-2.4464
LOC_Os08g43290	LTPL44 - Protease inhibitor/seed storage/LTP family protein precursor	1.47814	1.98275
LOC_Os08g43320	OsRhmbd14 - Putative Rhomboid homologue	-3.6468	-2.6211
LOC_Os08g43334	HSF-type DNA-binding domain containing protein	-1.0693	3.89169
LOC_Os08g43440	cytochrome P450	-1.1849	-4.119
LOC_Os08g43560	OsAPx4 - Peroxisomal Ascorbate Peroxidase encoding gene 5,8,9	-1.3928	-1.629
LOC_Os08g43620	expressed protein	2.91031	4.03142
LOC_Os08g44000	uncharacterized protein ycf39	-3.8013	-2.6601
LOC_Os08g44220	GLTP domain containing protein	-3.7428	-2.96
LOC_Os08g44290	RNA recognition motif containing protein	-2.0316	-1.6378
LOC_Os08g44340	monodehydroascorbate reductase	3.96686	4.65392
LOC_Os08g44360	male sterility protein 2	1.25395	2.42485
LOC_Os08g44370	inosine-uridine preferring nucleoside hydrolase family protein	1.35095	2.2386
LOC_Os08g44390	EF hand family protein	1.72596	4.44344
LOC_Os08g44460	expressed protein	-1.3529	-1.9121
LOC_Os08g44590	gibberellin 20 oxidase 2	-1.9179	-1.8757
LOC_Os08g44680	photosystem I reaction center subunit II, chloroplast precursor	-2.1204	-1.7828
LOC_Os08g44810	lactate/malate dehydrogenase	-2.4548	-2.0934
LOC_Os08g44820	no apical meristem protein	1.06979	2.56303
LOC_Os08g45190	PGR5	-2.9812	-2.4013
LOC_Os09g02214	Citrate transporter protein	-1.2522	-1.5589
LOC_Os09g04050	dehydrogenase	1.04525	2.81522
LOC_Os09g06770	RING finger protein	4.37174	7.18088
LOC_Os09g07570	ferredoxin-thioredoxin reductase catalytic chain, chloroplast precursor	-1.2784	-1.6048

LOC_Os09g09320	nuclear transport factor	-2.1084	-1.3518
LOC_Os09g09490	disease resistance protein RPM1	-1.3396	-1.5928
LOC_Os09g09650	retrotransposon protein, Ty3-gypsy subclass	4.24587	4.84406
LOC_Os09g09690	retrotransposon protein, Ty3-gypsy subclass	1.62101	1.9944
LOC_Os09g10054	disease resistance protein RPS2	-1.0414	-2.2
LOC_Os09g10274	expressed protein	-1.0921	-2.0461
LOC_Os09g10750	rhodanese-like	-1.3474	-1.9996
LOC_Os09g10820	oxidoreductase domain protein	-1.8047	-1.2792
LOC_Os09g12290	bifunctional aspartokinase/homoserine dehydrogenase, chloroplast precursor	-2.6712	-3.2654
LOC_Os09g13920	expressed protein	2.04344	1.56959
LOC_Os09g15480	Ser/Thr-rich protein T10 in DGCR region	1.1362	3.65698
LOC_Os09g15670	protein phosphatase 2C	1.51114	5.58451
LOC_Os09g16280	hydroxyproline-rich glycoprotein family protein	-1.7892	-1.4752
LOC_Os09g16330	pleiotropic drug resistance protein	2.06266	3.64286
LOC_Os09g16950	cysteine-rich receptor-like protein kinase 25 precursor	-2.1319	-2.1642
LOC_Os09g17146	expressed protein	1.06016	3.22142
LOC_Os09g17152	OsFBX319 - F-box domain containing protein	1.47461	4.21249
LOC_Os09g18360	expressed protein	1.4456	1.71458
LOC_Os09g18560	expressed protein	-1.6867	-1.5562
LOC_Os09g18594	protein kinase domain containing protein	-1.3037	-1.5511
LOC_Os09g19160	serine/threonine-protein kinase	-1.5076	1.3333
LOC_Os09g19229	protein kinase domain containing protein	-2.2233	-4.5543
LOC_Os09g20090	L-ascorbate oxidase precursor	-1.1032	2.33441
LOC_Os09g20220	glutathione S-transferase	6.21099	8.92033
LOC_Os09g20240	DUF581 domain containing protein	-1.1335	-2.6993
LOC_Os09g20980	RING-H2 finger protein	-2.5869	-1.6245
LOC_Os09g21290	expressed protein	2.26192	1.75453
LOC_Os09g21710	AN1-like zinc finger domain containing protein	3.84757	7.30867
LOC_Os09g23084	endoglucanase	-1.968	-2.0731
LOC_Os09g23590	expressed protein	1.92506	4.31254
LOC_Os09g24250	ubiquitin carboxyl-terminal hydrolase domain containing protein	1.42551	1.52233
LOC_Os09g24440	expressed protein	1.46169	1.54501
LOC_Os09g24620	expressed protein	-3.214	-3.1811
LOC_Os09g24670	CAAX amino terminal protease family protein	-2.0395	-1.5639

LOC_Os09g25060	WRKY76	-3.8922	3.55741
LOC_Os09g25070	WRKY62	-1.0558	5.47647
LOC_Os09g25550	pentatricopeptide	-2.4224	-2.4993
LOC_Os09g25850	WAX2	-1.812	-2.043
LOC_Os09g25880	expressed protein	-1.3598	-2.3473
LOC_Os09g26670	expressed protein	1.02081	-3.4732
LOC_Os09g26810	chlorophyll A-B binding protein	-4.3892	-1.4208
LOC_Os09g26880	aldehyde dehydrogenase	1.83069	1.8801
LOC_Os09g27040	GEX1	1.33204	2.5553
LOC_Os09g27260	plant viral response family protein	2.27583	8.50446
LOC_Os09g27420	formate--tetrahydrofolate ligase	-1.7213	-1.2962
LOC_Os09g27580	potassium transporter	-1.2904	-1.7374
LOC_Os09g27750	1-aminocyclopropane-1-carboxylate oxidase 1	-1.3638	-2.3214
LOC_Os09g28160	phosphate carrier protein, mitochondrial precursor	1.9667	5.42177
LOC_Os09g28354	CPuORF39 - conserved peptide uORF-containing transcript	-1.0677	3.26393
LOC_Os09g28440	AP2 domain containing protein	2.63387	5.46191
LOC_Os09g28510	EF hand family protein	-1.6756	-1.3135
LOC_Os09g28620	gibberellin receptor GID1L2	-3.4345	-2.311
LOC_Os09g28630	gibberellin receptor	-2.4987	-1.6588
LOC_Os09g28640	gibberellin receptor GID1L2	-3.6391	-1.668
LOC_Os09g28650	gibberellin receptor	-3.1764	-1.1093
LOC_Os09g29310	zinc finger, C3HC4 type domain containing protein	1.14857	4.03698
LOC_Os09g29404	glycogen operon protein glgX	-2.2475	-1.4231
LOC_Os09g29520	OsWAK81 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK	-2.5557	-2.2435
LOC_Os09g29540	OsWAK82 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK	-2.4932	-1.9181
LOC_Os09g29660	white-brown complex homolog protein 11	1.32023	2.30858
LOC_Os09g30120	CSLE1 - cellulose synthase-like family E	1.3837	-1.9874
LOC_Os09g30300	expressed protein	1.21279	1.64677
LOC_Os09g30340	photosystem I reaction center subunit, chloroplast precursor	-2.2955	-2.2503
LOC_Os09g30410	expressed protein	-3.384	-2.4813
LOC_Os09g31130	citrate transporter	2.8409	3.4698
LOC_Os09g31170	expressed protein	-1.8847	-2.5972
LOC_Os09g31180	ribosomal protein L6	-1.1862	-1.6852
LOC_Os09g32000	expressed protein	5.25904	9.17638

LOC_Os09g32010	ternary complex factor MIP1	1.50217	1.03234
LOC_Os09g32080	CHIT13 - Chitinase family protein precursor	-1.5941	-1.7161
LOC_Os09g32290	FAD dependent oxidoreductase domain containing protein	5.03694	2.04297
LOC_Os09g32330	expressed protein	1.6931	1.2216
LOC_Os09g32360	gp176	2.26755	1.86013
LOC_Os09g32470	membrane protein	-1.8788	-1.6216
LOC_Os09g32510	BHLH transcription factor	1.72416	2.26853
LOC_Os09g32976	ribosomal protein L7Ae	-1.1036	-1.8255
LOC_Os09g33470	mitochondrial carrier protein	-1.5699	-2.4425
LOC_Os09g33680	Os9bglu31 - beta-glucosidase, dhurrinase, similar to G. max hydroxyisourate hydrolase	3.66194	2.11696
LOC_Os09g33740	Zinc finger, ZZ type domain containing protein	-1.1279	-1.7676
LOC_Os09g33820	lecithine cholesterol acyltransferase	2.62348	2.67655
LOC_Os09g33860	protein kinase	1.52092	2.52365
LOC_Os09g34140	expressed protein	-1.4216	-1.5288
LOC_Os09g34150	NBS-LRR disease resistance protein	-1.0905	1.8084
LOC_Os09g34250	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	2.2946	5.91581
LOC_Os09g34920	glycosyl hydrolase family 29	1.07227	2.17059
LOC_Os09g35030	dehydration-responsive element-binding protein	-1.1224	2.4218
LOC_Os09g36200	senescence-inducible chloroplast stay-green protein 1	3.74689	3.01588
LOC_Os09g36240	deoxyribodipyrimidine photolyase family protein	-1.3994	-2.0657
LOC_Os09g36450	triosephosphate isomerase, chloroplast precursor	-3.0686	-2.2239
LOC_Os09g36600	nodulin	1.09262	1.91713
LOC_Os09g36700	ribonuclease T2 family domain containing protein	-1.3234	1.70937
LOC_Os09g36790	expressed protein	1.19957	1.70678
LOC_Os09g36930	aquaporin protein	-3.2922	-3.4084
LOC_Os09g37080	expressed protein	2.5305	5.32289
LOC_Os09g37958	cupin domain containing protein	1.90077	3.61549
LOC_Os09g37976	cupin domain containing protein	2.88613	4.60109
LOC_Os09g38030	UTP--glucose-1-phosphate uridylyltransferase	-1.301	-1.6312
LOC_Os09g38110	RING-H2 finger protein	1.43971	2.69581
LOC_Os09g38130	auxin efflux carrier component	1.92927	2.76785
LOC_Os09g38340	ZOS9-17 - C2H2 zinc finger protein	1.40209	-1.5864
LOC_Os09g38777	MOSC domain-containing protein, mitochondrial precursor	-2.443	-1.8513
LOC_Os09g38790	ZOS9-19 - C2H2 zinc finger protein	1.07	1.54996

LOC_Os09g39180	RNA recognition motif containing protein	-1.9977	-2.255
LOC_Os09g39440	inosine-uridine preferring nucleoside hydrolase family protein	1.71957	3.58117
LOC_Os09g39500	ubiquitin fusion protein	-1.0209	-2.0757
LOC_Os09g39540	40S ribosomal protein S25	-1.4793	-1.6363
LOC_Os10g01044	isoflavone reductase	-2.7959	-1.9249
LOC_Os10g01080	SOR/SNZ family protein	-3.6795	-2.9325
LOC_Os10g02040	peroxidase precursor	2.38932	1.10878
LOC_Os10g02390	expressed	-1.8119	-1.6396
LOC_Os10g02970	Leucine rich repeat N-terminal domain containing protein	1.15312	1.98662
LOC_Os10g03780	OsFBX351 - F-box domain containing protein	-1.6869	-2.3965
LOC_Os10g04270	jacalin-like lectin domain containing protein	-3.0466	-3.9244
LOC_Os10g04290	transposon protein, CACTA, En/Spm sub-class	-1.9199	-1.1149
LOC_Os10g04520	expressed protein	1.94155	3.52355
LOC_Os10g04540	expressed protein	1.73695	3.15108
LOC_Os10g04720	TKL_IRAK_DUF26-la.5 - DUF26 kinases have homology to DUF26 containing loci	-2.0127	-1.6127
LOC_Os10g04730	TKL_IRAK_DUF26-la.6 - DUF26 kinases have homology to DUF26 containing loci	-2.3473	-1.5878
LOC_Os10g05660	thaumatin	1.59368	3.49884
LOC_Os10g05680	expressed protein	1.54081	1.62076
LOC_Os10g05780	POT domain containing peptide transporter	-2.5121	-1.9647
LOC_Os10g10170	PPR repeat domain containing protein	-2.1273	-1.1562
LOC_Os10g10180	methyltransferase domain containing protein	-1.7727	-2.0918
LOC_Os10g11140	phosphoglucomutase	-1.3416	-1.7977
LOC_Os10g12050	expressed protein	-1.1792	-2.0989
LOC_Os10g14870	heavy metal-associated domain containing protein	-2.0564	-3.1279
LOC_Os10g15300	expressed protein	-2.8678	-2.8599
LOC_Os10g16974	cytochrome P450	-2.958	-1.4435
LOC_Os10g18340	expressed protein	-1.0304	-2.6048
LOC_Os10g19919	retrotransposon protein, Ty3-gypsy subclass	3.98766	4.46627
LOC_Os10g20160	serine/threonine-protein kinase receptor precursor	-1.8951	-1.1917
LOC_Os10g20250	membrane associated DUF588 domain containing protein	1.5879	2.36686
LOC_Os10g20470	MATE efflux family protein	1.37116	3.075
LOC_Os10g21360	N-dimethylguanosine tRNA methyltransferase	-1.6222	-1.0913
LOC_Os10g21590	transporter family protein	4.14473	4.70163
LOC_Os10g22310	glutathione S-transferase GST 26	5.69618	6.72685

LOC_Os10g22980	leucine rich repeat domain containing protein	-1.01	-2.1158
LOC_Os10g25130	aminotransferase, classes I and II, domain containing protein	1.52058	1.58302
LOC_Os10g25230	ZIM domain containing protein	2.8919	5.89756
LOC_Os10g25290	ZIM domain containing protein	1.6615	5.19692
LOC_Os10g25400	GDSL-like lipase/acylhydrolase	3.99788	6.11154
LOC_Os10g25430	Ser/Thr protein phosphatase family protein	-2.8696	-2.5898
LOC_Os10g25590	glutathione S-transferase	3.12472	1.28847
LOC_Os10g26150	expressed protein	1.48179	2.52602
LOC_Os10g26620	dof zinc finger domain containing protein	1.03072	1.83906
LOC_Os10g26690	structural constituent of ribosome	-1.573	-1.2438
LOC_Os10g26940	BURP domain containing protein	4.72758	-1.6714
LOC_Os10g28000	glutathione reductase	2.03087	4.83118
LOC_Os10g28030	OsPOP22 - Putative Prolyl Oligopeptidase homologue	-1.3205	-1.6568
LOC_Os10g30410	cytochrome P450 71D7	-3.3525	-1.0783
LOC_Os10g30450	heavy-metal-associated domain-containing protein	1.61935	3.07872
LOC_Os10g31040	Citrate transporter protein	-1.1936	-2.9651
LOC_Os10g31850	RING finger and CHY zinc finger domain-containing protein 1	1.41608	2.40213
LOC_Os10g32550	T-complex protein	1.70866	1.13555
LOC_Os10g32680	expressed protein	2.83121	1.91854
LOC_Os10g32770	WD repeat-containing protein	-2.6542	-1.4577
LOC_Os10g32930	expressed protein	1.36232	2.49515
LOC_Os10g32940	expressed protein	1.6353	2.74337
LOC_Os10g33040	receptor-like protein kinase precursor	1.37691	3.60303
LOC_Os10g33810	myb-related protein Myb4	3.02741	4.24418
LOC_Os10g34020	glutathione S-transferase	1.37232	2.2795
LOC_Os10g34230	cytokinin dehydrogenase precursor	-1.456	-2.0843
LOC_Os10g34920	secretory protein	1.00558	4.22955
LOC_Os10g35030	IAP100	-2.6252	-1.6699
LOC_Os10g35460	COBRA	-1.6492	2.10147
LOC_Os10g35520	hydrolase, alpha/beta fold family domain containing protein	-1.5418	-1.6644
LOC_Os10g35604	expressed protein	1.01069	1.53992
LOC_Os10g35630	cystathionin beta synthase protein	1.35232	3.18834
LOC_Os10g35770	E2F-related protein	2.50291	2.69009
LOC_Os10g35810	thylakoid lumenal protein	-1.9661	-1.0057

LOC_Os10g35940	folylpolyglutamate synthetase	-1.4535	-1.5503
LOC_Os10g36000	remorin C-terminal domain containing protein	-1.9256	-1.0038
LOC_Os10g36500	invertase/pectin methylesterase inhibitor family protein	-1.1612	-2.5234
LOC_Os10g36650	actin	-2.2096	-1.7142
LOC_Os10g36860	CRS1/YhbY domain containing protein	-1.417	-2.1073
LOC_Os10g36980	transposon protein, unclassified	1.92631	3.68338
LOC_Os10g37180	glycine cleavage system H protein	-3.6866	-2.5463
LOC_Os10g37210	FAD dependent oxidoreductase domain containing protein	2.23805	2.03865
LOC_Os10g37330	oxidoreductase, aldo/keto reductase family protein	-2.6319	-2.8133
LOC_Os10g37340	cystathionine gamma-synthase	3.53636	4.33946
LOC_Os10g37660	trehalase precursor	1.15335	3.10212
LOC_Os10g37770	dehydration response related protein	-1.4418	-2.5623
LOC_Os10g37830	OsFBX391 - F-box domain containing protein	1.74864	1.64849
LOC_Os10g37860	expressed protein	-1.2711	-1.6815
LOC_Os10g38040	lysM domain containing protein	-1.9109	-1.3007
LOC_Os10g38150	glutathione S-transferase, N-terminal domain containing protein	2.33637	2.28888
LOC_Os10g38189	glutathione S-transferase	2.15747	5.40084
LOC_Os10g38340	glutathione S-transferase GSTU6	3.78953	7.51754
LOC_Os10g38360	glutathione S-transferase	1.01926	5.78535
LOC_Os10g38489	glutathione S-transferase GSTU6	2.00405	-1.4033
LOC_Os10g38495	expressed	6.64918	7.20922
LOC_Os10g38501	expressed	4.08444	5.65523
LOC_Os10g38580	glutathione S-transferase	-2.775	-2.2905
LOC_Os10g38590	glutathione S-transferase, N-terminal domain containing protein	2.1636	2.41176
LOC_Os10g38710	glutathione S-transferase	-4.6761	-2.5967
LOC_Os10g38740	glutathione S-transferase	2.51676	5.99947
LOC_Os10g38910	expressed protein	-2.4877	-2.364
LOC_Os10g39030	homeobox domain containing protein	-1.1487	-2.479
LOC_Os10g39150	expressed protein	-4.4348	-2.4964
LOC_Os10g39220	tobamovirus multiplication protein	1.92517	3.19179
LOC_Os10g39260	aspartic proteinase nepenthesin	-3.8399	-1.0577
LOC_Os10g39420	CAMK_CAMK_like.8 - CAMK includes calcium/calmodulin depedent protein kinases	1.19191	2.59652
LOC_Os10g39710	strictosidine synthase	-1.1207	-1.5103
LOC_Os10g39810	fatty acid hydroxylase	-2.0547	-1.9864

LOC_Os10g39850	zinc finger, C3HC4 type domain containing protein	1.52237	2.53189
LOC_Os10g39920	expressed protein	1.61581	2.19215
LOC_Os10g39930	cytochrome P450 97B2	-1.8251	-1.1576
LOC_Os10g40030	short chain dehydrogenase/reductase protein	-2.3357	-2.3484
LOC_Os10g40360	proline oxidase, mitochondrial precursor	2.90758	3.70478
LOC_Os10g40550	CPuORF23 - conserved peptide uORF-containing transcript	1.40474	3.6295
LOC_Os10g40740	helix-loop-helix DNA-binding domain containing protein	-1.5107	-2.2283
LOC_Os10g41170	dehydrogenase	1.11378	1.81621
LOC_Os10g41190	transporter family protein	-1.4712	-3.2276
LOC_Os10g41310	DUF630/DUF632 domains containing protein	-1.1405	-1.7187
LOC_Os10g41930	haloacid dehalogenase-like hydrolase family protein	4.2886	4.7076
LOC_Os10g41980	RALFL26 - Rapid ALkalinization Factor RALF family protein precursor	-3.7169	-2.4328
LOC_Os10g42040	expressed protein	-6.3748	-2.9629
LOC_Os10g42230	AT hook motif domain containing protein	1.82383	1.87377
LOC_Os10g42240	kinase, pfkB family	-1.8285	-1.6362
LOC_Os10g42299	mitochondrial carrier protein	2.53725	4.12363
LOC_Os10g42320	nonsense-mediated mRNA decay protein 3	1.35005	2.23725
LOC_Os10g42610	expressed protein	-2.721	-2.3506
LOC_Os10g42620	dihydroflavonol-4-reductase	-1.5756	-2.306
LOC_Os10g42780	lrgB-like family protein	-1.3983	-5.6199
LOC_Os10g42900	peptide transporter PTR2	-1.1856	-2.0249
LOC_Os10g43060	expressed protein	1.18843	2.62464
LOC_Os11g01040	monoglyceride lipase	1.08467	2.39258
LOC_Os11g01590	nodulin	1.23048	-2.0869
LOC_Os11g01869	double-stranded RNA binding motif containing protein	2.54889	1.56663
LOC_Os11g02150	saposin-like type B, region 1 family protein	1.665	1.21523
LOC_Os11g02240	CAMK_KIN1/SNF1/Nim1_like.4 - CAMK includes calcium/calmodulin depedent protein kinases	1.56323	1.70933
LOC_Os11g02424	LTPL9 - Protease inhibitor/seed storage/LTP family protein precursor	-1.7447	-1.7278
LOC_Os11g02440	chalcone--flavonone isomerase	-3.0689	-1.8312
LOC_Os11g02450	elongation factor P	-2.5088	-1.434
LOC_Os11g02480	WRKY46	1.67297	1.48552
LOC_Os11g02710	retrotransposon protein, Ty1-copia subclass	-1.0838	-1.7775
LOC_Os11g03200	EMB2748	-1.031	-1.7433
LOC_Os11g03300	NAC domain transcription factor	2.83341	1.14782

LOC_Os11g03370	no apical meristem protein	2.58893	4.07898
LOC_Os11g03390	FHA domain containing protein	-2.4307	-2.2926
LOC_Os11g03470	bifunctional aspartokinase/homoserine dehydrogenase	-1.179	-1.8949
LOC_Os11g04030	major facilitator superfamily antiporter	2.87856	2.88958
LOC_Os11g04420	AIG2-like family domain containing protein	1.55566	2.39987
LOC_Os11g04490	astaxanthin synthase KC28	-2.3673	-1.2693
LOC_Os11g04560	calmodulin-like protein 1	1.15257	4.44133
LOC_Os11g04710	cytochrome P450	-2.163	-1.7489
LOC_Os11g04720	OsRR10 type-A response regulator	-2.0123	-1.3374
LOC_Os11g05380	cytochrome P450	1.30587	3.08683
LOC_Os11g05552	signal recognition particle 54 kDa protein, chloroplast precursor	-2.3056	-1.0975
LOC_Os11g05556	signal recognition particle 54 kDa protein	-1.5839	-1.4533
LOC_Os11g05700	ABC transporter family protein	1.72637	2.47828
LOC_Os11g05730	histone H3	2.65684	2.80892
LOC_Os11g05770	DUF623 domain containing protein	-1.1695	-2.7811
LOC_Os11g05810	expressed protein	1.92241	1.31829
LOC_Os11g05820	transposon protein, Mutator sub-class	1.52237	1.30313
LOC_Os11g06130	PHD-finger family protein	2.36391	2.49472
LOC_Os11g06180	nodulation-signaling pathway 2 protein	-1.1114	-1.8339
LOC_Os11g06230	expressed protein	-1.1122	-1.8133
LOC_Os11g06690	serine esterase family protein	-1.7051	-1.2319
LOC_Os11g06720	abscisic stress-ripening	-1.9569	-1.7054
LOC_Os11g06740	syntaxin 6	-2.0495	-1.9346
LOC_Os11g06770	ethylene-responsive transcription factor ERF110	1.84177	1.57441
LOC_Os11g06980	BURP domain containing protein	-2.7287	-2.2997
LOC_Os11g07580	expressed protein	2.36629	1.38457
LOC_Os11g07950	expressed protein	1.74217	2.52149
LOC_Os11g07980	ion channel nompc	-3.1713	-2.817
LOC_Os11g08210	no apical meristem protein	1.82617	2.27736
LOC_Os11g10290	S-domain receptor-like protein kinase	-1.4318	-1.5486
LOC_Os11g10310	receptor-like protein kinase 2 precursor	-1.145	-2.126
LOC_Os11g10590	expressed protein	3.24106	3.41929
LOC_Os11g10980	pyruvate kinase	1.31161	2.29555
LOC_Os11g11210	OsClp12 - Putative Clp protease homologue	-2.1214	-2.0186

LOC_Os11g11780	cysteine-rich receptor-like protein kinase 21 precursor	-1.4306	-2.2183
LOC_Os11g12340	disease resistance protein RPM1	-1.7947	-1.8315
LOC_Os11g12650	PHD-finger domain containing protein	5.40278	7.17757
LOC_Os11g13750	expressed protein	-2.3779	-1.0019
LOC_Os11g13810	non-lysosomal glucosylceramidase	-2.3372	-2.0229
LOC_Os11g13850	rieske domain containing protein	-2.6178	-1.8017
LOC_Os11g13890	chlorophyll A-B binding protein	-1.838	-1.3498
LOC_Os11g13980	hsp20/alpha crystallin family protein	2.64767	3.16857
LOC_Os11g14910	NADP-dependent oxidoreductase	1.05069	4.34051
LOC_Os11g15040	S-adenosyl-L-methionine:benzoic acid/salicylic acid carboxyl methyltransferase	1.50605	-1.6069
LOC_Os11g16310	expressed protein	-2.8295	-2.8762
LOC_Os11g16550	uncharacterized protein ycf53	-2.9527	-2.041
LOC_Os11g18366	cycloartenol synthase	-1.8169	-1.2225
LOC_Os11g19460	haloacid dehalogenase-like hydrolase family protein	-1.1998	-1.5321
LOC_Os11g19864	transposon protein, Pong sub-class	5.2816	6.79698
LOC_Os11g22350	white-brown complex homolog protein	-2.3974	-1.5454
LOC_Os11g23790	expressed protein	-2.0382	-1.8787
LOC_Os11g24070	LTPL10 - Protease inhibitor/seed storage/LTP family protein precursor	-1.1726	-2.9968
LOC_Os11g24450	mitochondrial carrier protein	-2.0181	-1.7192
LOC_Os11g25160	tropinone reductase 2	-1.2886	-2.194
LOC_Os11g25260	nucleoside-triphosphatase	-3.3237	-2.1055
LOC_Os11g25330	nucleoside-triphosphatase	-2.8688	-1.8075
LOC_Os11g25454	cytokinin-N-glucosyltransferase 1	1.61729	1.153
LOC_Os11g26860	serine hydroxymethyltransferase, mitochondrial precursor	-1.4348	-2.2876
LOC_Os11g27540	CRP7 - Cysteine-rich family protein precursor	-1.0976	-1.8473
LOC_Os11g29230	pentatricopeptide repeat protein PPR986-12	-1.4204	-1.6571
LOC_Os11g29870	WRKY72	2.33427	4.89827
LOC_Os11g31680	retrotransposon protein, unclassified	1.75104	1.92806
LOC_Os11g31700	expressed protein	1.10289	1.5046
LOC_Os11g32320	CCB1	-1.3936	-1.7741
LOC_Os11g32500	rubredoxin family protein	-3.8777	-2.574
LOC_Os11g32650	chalcone synthase	-3.8684	-1.8842
LOC_Os11g34080	expressed protein	1.35457	4.05182
LOC_Os11g34110	heparan-alpha-glucosaminide N-acetyltransferase	-3.5823	-2.0531

LOC_Os11g34130	expressed protein	-3.6809	-2.0865
LOC_Os11g34160	ubiquitin carboxyl-terminal hydrolase, family 1	-1.348	-2.0937
LOC_Os11g34180	uncharacterized protein family UPF0016 domain containing protein	-1.519	-1.004
LOC_Os11g34940	plastid-specific 50S ribosomal protein 6, chloroplast precursor	-1.6496	-1.0629
LOC_Os11g35980	leucine rich repeat protein	-1.3727	-2.3596
LOC_Os11g36000	receptor-like protein kinase 2 precursor	-2.3662	-1.8094
LOC_Os11g36200	receptor-like protein kinase 2 precursor	1.02543	2.85649
LOC_Os11g37759	stripe rust resistance protein Yr10	-1.04	-1.6924
LOC_Os11g37900	3-ketoacyl-CoA synthase	-1.185	-2.2779
LOC_Os11g37950	WIP3 - Wound-induced protein precursor	-1.3019	2.94565
LOC_Os11g39220	acyl-coenzyme A oxidase	1.46302	3.10346
LOC_Os11g39260	NBS-LRR disease resistance protein	1.93429	2.96086
LOC_Os11g40150	DNA repair protein Rad51	3.30225	2.74134
LOC_Os11g40600	expressed protein	-3.6148	-3.3954
LOC_Os11g41870	transporter family protein	1.65299	2.67181
LOC_Os11g41910	GTP-binding protein	-1.5624	-1.5443
LOC_Os11g42480	transferase family domain containing protein	-1.1335	-2.5015
LOC_Os11g43200	tropinone reductase 2	1.75983	1.0495
LOC_Os11g44860	cysteine-rich receptor-like protein kinase 28 precursor	1.0357	1.60389
LOC_Os11g44950	glycosyl hydrolase family 3 protein	3.7439	5.90759
LOC_Os11g45130	pollen signalling protein with adenylyl cyclase activity	-1.3181	-3.2038
LOC_Os11g45740	MYB family transcription factor	1.34668	3.83755
LOC_Os11g47500	glycosyl hydrolase	1.254	3.34128
LOC_Os11g47600	glycosyl hydrolase	-1.2725	2.89316
LOC_Os11g47630	ZOS11-10 - C2H2 zinc finger protein	-3.3046	3.2661
LOC_Os11g47970	AAA-type ATPase family protein	-2.5967	-1.5126
LOC_Os11g47980	expressed protein	-3.1979	-2.2965
LOC_Os11g48110	phenylalanine ammonia-lyase	-1.9911	-3.1276
LOC_Os12g01010	RNA recognition motif containing protein	1.56731	1.10438
LOC_Os12g01210	HCF152	-1.562	-1.6286
LOC_Os12g01480	phosphatidate cytidylyltransferase	-1.0584	-1.9304
LOC_Os12g01916	double-stranded RNA binding motif containing protein	1.58991	1.13942
LOC_Os12g02240	expressed protein	-1.1154	2.9269
LOC_Os12g02300	LTPL26 - Protease inhibitor/seed storage/LTP family protein precursor	-1.4927	-2.149

LOC_Os12g02320	LTPL12 - Protease inhibitor/seed storage/LTP family protein precursor	-1.3861	-3.1107
LOC_Os12g02640	cytochrome P450 72A1	-1.3207	-1.5548
LOC_Os12g03040	no apical meristem protein	1.21186	1.73044
LOC_Os12g03050	no apical meristem protein	2.51554	4.57721
LOC_Os12g03070	FHA domain containing protein	-1.4232	-2.7352
LOC_Os12g03190	bifunctional aspartokinase/homoserine dehydrogenase	-1.0854	-1.8747
LOC_Os12g04260	astaxanthin synthase KC28	-2.8246	-1.7002
LOC_Os12g04440	2-isopropylmalate synthase B	1.9118	1.28258
LOC_Os12g04480	cytochrome P450	-1.951	-1.5395
LOC_Os12g04500	response regulator receiver domain containing protein	-2.14	-1.3028
LOC_Os12g05050	stem-specific protein TSJT1	-1.0102	-2.9706
LOC_Os12g05440	cytochrome P450	3.73634	5.41377
LOC_Os12g05550	sialyltransferase family domain containing protein	-1.4734	-3.2124
LOC_Os12g05690	expressed protein	1.37101	5.32367
LOC_Os12g05880	Cupin domain containing protein	1.99617	1.13563
LOC_Os12g05890	expressed protein	-1.6217	-2.2487
LOC_Os12g06260	harpin-induced protein 1 domain containing protein	-2.4576	-1.7782
LOC_Os12g07110	acyl-CoA synthetase protein	-1.9184	-1.5337
LOC_Os12g07210	expressed protein	-1.5541	-3.1814
LOC_Os12g07650	OsGrx_S16 - glutaredoxin subgroup II	-1.055	-1.5923
LOC_Os12g07950	transcriptional regulator Sir2 family protein	1.07789	2.20226
LOC_Os12g08730	thioredoxin	-2.1259	-2.1429
LOC_Os12g08770	photosystem I reaction center subunit N, chloroplast precursor	-2.2731	-1.6802
LOC_Os12g08790	TPR domain protein	-2.5086	-2.2579
LOC_Os12g12170	cytochrome b5-like Heme/Steroid binding domain containing protein	-1.2283	-1.8774
LOC_Os12g12580	NADP-dependent oxidoreductase	-2.3804	-1.4224
LOC_Os12g12880	expressed protein	4.00161	5.56302
LOC_Os12g13120	histidine triad family protein	-1.3272	-1.9912
LOC_Os12g13460	SET domain-containing protein	-1.4303	-1.7031
LOC_Os12g13570	MYB family transcription factor	1.60544	1.6283
LOC_Os12g14440	Jacalin-like lectin domain containing protein	2.33394	5.55109
LOC_Os12g14540	expressed protein	-1.1222	2.53502
LOC_Os12g15680	laccase precursor protein	1.93113	5.0511
LOC_Os12g16200	glutathione synthetase, chloroplast precursor	-2.7733	-1.9822

LOC_Os12g16720	cytochrome P450 71A1	-1.7297	1.17404
LOC_Os12g17080	pentatricopeptide	-3.2314	-3.0345
LOC_Os12g17320	polyprenyl synthetase	-1.9879	-2.586
LOC_Os12g17910	T-complex protein	-1.4664	-1.7417
LOC_Os12g18110	PQ loop repeat domain containing protein	1.6155	3.63804
LOC_Os12g18530	nucleotidyltransferase	1.1528	1.90528
LOC_Os12g18560	invertase/pectin methylesterase inhibitor family protein	1.00737	3.11204
LOC_Os12g18729	expressed protein	-1.3111	-1.9059
LOC_Os12g18770	oxysterol-binding protein	-1.0774	-1.8261
LOC_Os12g19381	ribulose bisphosphate carboxylase small chain, chloroplast precursor	-1.7641	-1.0325
LOC_Os12g19394	expressed	-4.1554	-2.2007
LOC_Os12g19470	ribulose bisphosphate carboxylase small chain, chloroplast precursor	-2.5488	-1.2501
LOC_Os12g22284	white-brown complex homolog protein 11	-2.4092	-1.2302
LOC_Os12g22744	expressed	1.08693	1.79916
LOC_Os12g23180	3-beta hydroxysteroid dehydrogenase/isomerase family protein	-2.6863	-1.8776
LOC_Os12g24020	rhodanese-like domain containing protein	2.74799	2.6671
LOC_Os12g24320	ATPase 3	-4.6365	-2.7473
LOC_Os12g25090	expressed protein	7.4784	6.2694
LOC_Os12g25200	chloride transporter, chloride channel family	-3.2821	-2.9688
LOC_Os12g25630	sulfite oxidase	1.25623	3.33255
LOC_Os12g26290	alpha-DOX2	4.4853	6.00439
LOC_Os12g28100	NBS-LRR disease resistance protein	-1.6838	-1.0891
LOC_Os12g29330	no apical meristem protein	1.0538	2.20926
LOC_Os12g29570	expressed protein	-2.2793	-2.8643
LOC_Os12g29740	expressed protein	2.56187	2.27242
LOC_Os12g30030	IscA-like iron-sulfur assembly protein, mitochondrial precursor	1.15918	1.75953
LOC_Os12g31000	pumilio-family RNA binding repeat domain containing protein	-1.9623	-2.2962
LOC_Os12g33610	phenylalanine ammonia-lyase	-2.5175	-3.5902
LOC_Os12g34320	S-locus-like receptor protein kinase	-1.8507	-2.2865
LOC_Os12g34500	expressed protein	-2.8275	-2.4408
LOC_Os12g34890	acyl carrier protein	-2.311	-1.4624
LOC_Os12g35630	elongation factor TS family protein	-2.3728	-1.881
LOC_Os12g36170	HEAT repeat family protein	1.03596	1.92209
LOC_Os12g36210	inhibitor I family protein	1.02821	1.92462

LOC_Os12g36430	expressed protein	1.73362	2.52992
LOC_Os12g36750	expressed protein	1.15164	2.21627
LOC_Os12g36910	calmodulin binding protein	-1.0124	2.43626
LOC_Os12g36920	calmodulin binding protein	-1.4155	1.95983
LOC_Os12g37510	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-2.066	-1.2204
LOC_Os12g37610	ribosomal protein S6	-1.1254	-1.7711
LOC_Os12g37650	DUF538 domain containing protein	-1.9486	-3.2545
LOC_Os12g37710	PsbP	-2.4854	-2.1071
LOC_Os12g37840	boron transporter protein	-1.5312	-1.0371
LOC_Os12g38010	metallothionein	1.9042	5.50238
LOC_Os12g38150	osmotin	2.2851	1.11401
LOC_Os12g38270	metallothionein	2.62542	2.59025
LOC_Os12g38290	metallothionein	1.68166	4.86119
LOC_Os12g38440	XH domain containing protein	-2.9446	-1.6894
LOC_Os12g38640	expressed protein	-2.431	-2.328
LOC_Os12g39120	protein phosphatase 2C	-1.5662	-1.3069
LOC_Os12g39310	cytochrome P450	1.56588	4.33544
LOC_Os12g39360	aspartic proteinase nepenthesin precursor	-6.0106	-5.7939
LOC_Os12g39400	ZOS12-09 - C2H2 zinc finger protein	3.47475	5.19655
LOC_Os12g40180	expressed protein	1.50657	3.92375
LOC_Os12g41110	OsCML5 - Calmodulin-related calcium sensor protein	1.30135	2.73333
LOC_Os12g41250	methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial precursor	2.24773	2.80517
LOC_Os12g41950	auxin response factor	1.87194	1.94638
LOC_Os12g42090	methyltransferase domain containing protein	-2.2091	-1.7727
LOC_Os12g42220	expressed protein	-1.2143	-2.3775
LOC_Os12g42280	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	2.26653	3.70406
LOC_Os12g43110	OsSAUR58 - Auxin-responsive SAUR gene family member	1.57847	4.26457
LOC_Os12g43340	actin-depolymerizing factor	-2.0259	-3.7008
LOC_Os12g43380	thaumatin	-2.8545	-1.2016
LOC_Os12g43830	NUC189 domain containing protein	-1.678	-1.0846
LOC_Os12g44030	purple acid phosphatase precursor	-1.0014	-1.6179
LOC_Os12g44230	expressed protein	-1.5078	-2.0058
LOC_Os01g01010	TBC domain containing protein	0.21397	-1.9486
LOC_Os01g01170	expressed protein	0.48092	-1.9661
LOC_Os01g01295	expressed protein	0.40556	1.58251

LOC_Os01g01340	light-induced protein 1-like	-0.6696	-2.8955
LOC_Os01g01360	peptide transporter PTR2	-0.153	-1.687
LOC_Os01g01390	expressed protein	0.26708	-2.0334
LOC_Os01g01570	kinesin heavy chain	-0.9638	-1.9714
LOC_Os01g02000	phosphate transporter 1	-0.801	-1.8986
LOC_Os01g02300	receptor kinase ORK10	0.43357	1.87491
LOC_Os01g02390	protein kinase domain containing protein	0.98511	2.777
LOC_Os01g02590	receptor-like kinase	-0.7606	-1.6857
LOC_Os01g02960	expressed protein	0.18367	-1.9127
LOC_Os01g03060	splicing factor	0.70179	1.58945
LOC_Os01g03090	methyltransferase	0.82515	1.53076
LOC_Os01g03549	multi-copper oxidase type I family protein	-0.8096	-2.9636
LOC_Os01g03720	MYB family transcription factor	0.71533	1.79691
LOC_Os01g03730	nuclease PA3	-0.7085	2.40314
LOC_Os01g03890	DUF260 domain containing protein	0.05827	2.04791
LOC_Os01g04280	calmodulin binding protein	-0.9464	1.77882
LOC_Os01g04330	OsCML16 - Calmodulin-related calcium sensor protein	-0.7686	2.78392
LOC_Os01g04409	OsWAK1 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK	-0.2154	1.67512
LOC_Os01g04870	WD domain, G-beta repeat domain containing protein	0.31276	-1.8129
LOC_Os01g05670	3-oxo-5-alpha-steroid 4-dehydrogenase	-0.9561	-1.9501
LOC_Os01g06050	expressed protein	0.37604	-1.5444
LOC_Os01g06060	gibberellin receptor GID1L2	-0.4348	-1.8152
LOC_Os01g06220	gibberellin receptor GID1L2	0.7467	1.99686
LOC_Os01g06490	OsSCP1 - Putative Serine Carboxypeptidase homologue	-0.8258	-1.589
LOC_Os01g06520	verticillium wilt disease resistance protein	-0.3618	-3.0575
LOC_Os01g06580	fasciclin domain containing protein	-0.6315	2.5712
LOC_Os01g06590	zinc finger, C3HC4 type domain containing protein	0.68232	2.67863
LOC_Os01g07120	AP2 domain containing protein	0.87506	1.55135
LOC_Os01g07170	HORMA domain containing protein	0.5299	-1.7119
LOC_Os01g07310	transporter-related	0.3557	-1.6845
LOC_Os01g07390	zinc finger, C3HC4 type family protein	0.33497	1.73745
LOC_Os01g07500	alliin lyase precursor	-0.4283	-2.2035
LOC_Os01g07800	thiol-disulphide oxidoreductase DCC	-0.6799	-2.2125
LOC_Os01g07970	expressed protein	0.68573	2.67301

LOC_Os01g08020	boron transporter protein	-0.0739	-1.8591
LOC_Os01g08090	flavonol-3-O-glycoside-7-O-glucosyltransferase 1	-0.2712	3.29166
LOC_Os01g08310	serine/threonine protein phosphatase 2A 59 kDa regulatory subunit Bgamma isoform	-0.2961	-2.5033
LOC_Os01g08460	TMS membrane protein/tumour differentially expressed protein	0.51699	-3.4599
LOC_Os01g08560	DnaK family protein	0.79183	1.66255
LOC_Os01g09010	transferase family protein	0.7749	3.04498
LOC_Os01g09100	WRKY10	0.39283	2.07906
LOC_Os01g09280	myb-related transcription activator	0.01525	2.63177
LOC_Os01g09750	RNA methyltransferase protein	-0.5206	-1.6466
LOC_Os01g09770	expressed protein	0.83109	2.94623
LOC_Os01g10210	lachrymatory factor synthase	0.33333	-2.0195
LOC_Os01g10280	phosphoribosylaminoimidazole carboxylase, chloroplast precursor	-0.2738	-2.1991
LOC_Os01g10440	xylosyltransferase	0.14221	2.28478
LOC_Os01g10450	protein kinase domain containing protein	-0.4179	-2.048
LOC_Os01g10640	expressed protein	0.48227	3.84536
LOC_Os01g11150	gibberellin 2-beta-dioxygenase	0.26267	2.02355
LOC_Os01g11230	SOUL heme-binding protein	-0.9987	-2.4692
LOC_Os01g11240	DUF538 domain containing protein	-0.8796	-2.512
LOC_Os01g11300	cytochrome P450	-0.0283	2.22801
LOC_Os01g11340	cytochrome P450	-0.5121	2.33814
LOC_Os01g11600	expressed protein	0.00138	1.77501
LOC_Os01g11730	GDSL-like lipase/acylhydrolase	-0.0899	-5.0383
LOC_Os01g11910	basic helix-loop-helix	0.77875	1.61173
LOC_Os01g12390	inactive receptor kinase At2g26730 precursor	-0.3093	-1.6012
LOC_Os01g12490	flavin monooxygenase	0.67075	-2.2345
LOC_Os01g12680	C4-dicarboxylate transporter/malic acid transport protein	0.38389	-1.5096
LOC_Os01g12710	oxidoreductase, short chain dehydrogenase/reductase family domain containing protein	-0.3973	1.83699
LOC_Os01g12760	cytochrome P450	0.85176	-1.953
LOC_Os01g12820	harpin-induced protein	0.54275	2.07623
LOC_Os01g13300	B3 DNA binding domain containing protein	-0.0568	-2.1367
LOC_Os01g13340	harpin-induced protein 1 domain containing protein	-0.7059	-1.6796
LOC_Os01g13540	NIN	-0.9183	-2.1848
LOC_Os01g13560	membrane associated DUF588 domain containing protein	0.00787	1.88027
LOC_Os01g13800	receptor-like protein kinase 5 precursor	-0.4613	-2.1851

LOC_Os01g13950	OsGrx_A1 - glutaredoxin subgroup III	0.90013	1.81296
LOC_Os01g14440	WRKY1	0.82621	4.23179
LOC_Os01g15640	no apical meristem protein	0.10509	1.61032
LOC_Os01g15770	transmembrane protein 136	-0.6654	-1.7841
LOC_Os01g16230	TKL_IRAK_CR4L.2 - The CR4L subfamily has homology with Crinkly4	0.31018	2.46269
LOC_Os01g16330	OsRhmbd2 - Putative Rhomboid homologue	0.21021	1.64855
LOC_Os01g16900	dehydrogenase	0.46709	1.51231
LOC_Os01g17050	VQ domain containing protein	0.65572	4.51349
LOC_Os01g17240	transporter, major facilitator family	-0.1405	-1.6266
LOC_Os01g17320	PPR repeat domain containing protein	0.02049	-1.9886
LOC_Os01g18080	retrotransposon protein, unclassified	0.47247	2.79145
LOC_Os01g18210	peptidyl-prolyl cis-trans isomerase	-0.9083	-2.311
LOC_Os01g19130	protein phosphatase 2C	0.13922	2.11451
LOC_Os01g19260	ATPase	0.22517	2.88025
LOC_Os01g19390	glycerol-3-phosphate acyltransferase	0.82538	1.679
LOC_Os01g19740	calvin cycle protein CP12	-0.2049	-1.7803
LOC_Os01g20120	expressed protein	0.35407	-1.7375
LOC_Os01g20980	pectinesterase	0.27614	4.39181
LOC_Os01g21120	AP2 domain containing protein	0.83477	3.08374
LOC_Os01g21560	esterase/lipase/thioesterase family protein	-0.4613	-1.6474
LOC_Os01g22990	acidic leucine-rich nuclear phosphoprotein 32-related protein 1	-0.3311	-1.9111
LOC_Os01g24070	GATA zinc finger domain containing protein	-0.04	1.70579
LOC_Os01g24430	expressed protein	-0.161	-1.5439
LOC_Os01g24764	expressed protein	0.32371	-1.7192
LOC_Os01g24780	cytochrome P450	-0.6352	-1.7786
LOC_Os01g25240	expressed protein	-0.722	-1.6581
LOC_Os01g27360	glutathione S-transferase	-0.9733	-2.1678
LOC_Os01g27390	glutathione S-transferase	-0.4945	1.68859
LOC_Os01g28790	PRAS-rich protein	0.69164	2.9859
LOC_Os01g28980	proton-dependent oligopeptide transport	0.47283	1.74751
LOC_Os01g29150	cytochrome P450 72A1	-0.0836	-2.3252
LOC_Os01g31370	glycosyltransferase	0.06558	3.20688
LOC_Os01g31680	uncharacterized protein sll0194	-0.2927	-1.6974
LOC_Os01g32130	expressed protein	0.24668	-1.731

LOC_Os01g34850	OsHKT2;3 - Na+ transporter	-0.1483	-2.2053
LOC_Os01g35050	early-responsive to dehydration protein-related	-0.838	-1.6846
LOC_Os01g36229	expressed protein	-0.1955	-1.784
LOC_Os01g36790	TKL_IRAK_DUF26-lf.2 - DUF26 kinases have homology to DUF26 containing loci	0.35373	1.82967
LOC_Os01g37130	protein phosphatase 2C	-0.1651	-1.7607
LOC_Os01g37820	oxidoreductase/ transition metal ion binding protein	-0.2342	-1.9018
LOC_Os01g37910	vacuolar-processing enzyme precursor	-0.7955	-1.6583
LOC_Os01g38190	plant protein of unknown function domain containing protein	-0.9347	-2.0202
LOC_Os01g38359	peptidyl-prolyl cis-trans isomerase, FKBP-type	-0.9844	-1.5089
LOC_Os01g38530	ELF3 protein	-0.1235	2.8243
LOC_Os01g39290	harpin-induced protein 1 domain containing protein	-0.4509	-1.5628
LOC_Os01g39780	expressed protein	0.09556	-1.7809
LOC_Os01g39810	Alg9-like mannosyltransferase protein	-0.5135	-1.6265
LOC_Os01g39990	expressed protein	-0.0397	1.82162
LOC_Os01g40094	protein phosphatase 2C	0.2079	1.98909
LOC_Os01g40190	retrotransposon protein, unclassified	0.33737	2.93483
LOC_Os01g40670	single myb histone	0.95869	2.07226
LOC_Os01g40950	expressed protein	0.9453	2.17779
LOC_Os01g41030	ribosomal protein L25	0.82231	-1.7219
LOC_Os01g41430	UDP-glucoronosyl and UDP-glucosyl transferase	0.67628	3.30549
LOC_Os01g41660	phosphoethanolamine/phosphocholine phosphatase	0.90786	2.11901
LOC_Os01g41730	serine/threonine-protein kinase	0.32462	1.56415
LOC_Os01g42190	heat shock protein DnaJ	-0.4084	2.44384
LOC_Os01g42234	amino acid permease family protein	0.48579	1.55227
LOC_Os01g42370	pleiotropic drug resistance protein	0.18783	2.49127
LOC_Os01g42380	pleiotropic drug resistance protein	0.35646	3.19258
LOC_Os01g42410	pleiotropic drug resistance protein	0.83562	2.88277
LOC_Os01g42550	expressed protein	-0.9819	-2.139
LOC_Os01g42690	OsPOP2 - Putative Prolyl Oligopeptidase homologue	0.77388	1.8168
LOC_Os01g42700	expressed protein	0.98829	1.85416
LOC_Os01g42990	PPR repeat domain containing protein	0.45199	-1.5816
LOC_Os01g43230	expressed protein	-0.886	-1.9632
LOC_Os01g43480	AAA-type ATPase family protein	0.96354	2.89647
LOC_Os01g43490	polygalacturonase	0.43248	1.54734

LOC_Os01g43590	HSF-type DNA-binding domain containing protein	-0.0273	-1.9956
LOC_Os01g43710	cytochrome P450 72A1	0.6038	1.83954
LOC_Os01g43910	CGMC_MAPKCMGC_2.4 - CGMC includes CDA, MAPK, GSK3, and CLKC kinases	0.28574	2.2442
LOC_Os01g44120	expressed protein	0.14197	3.99046
LOC_Os01g44250	CBS domain containing membrane protein	-0.2165	-1.8647
LOC_Os01g45070	peptide deformylase	-0.8509	-2.0351
LOC_Os01g45250	DUF1645 domain containing protein	-0.6659	3.90157
LOC_Os01g45530	single-stranded DNA-binding protein	-0.7253	-1.6017
LOC_Os01g45670	expressed protein	0.54201	1.54026
LOC_Os01g46600	seed maturation protein PM41	0.00473	2.74217
LOC_Os01g47190	phosphoglycerate mutase	-0.2136	-1.7775
LOC_Os01g47262	AMSH-like protease	0.79302	1.98795
LOC_Os01g47540	NLI interacting factor-like phosphatase	0.70529	1.54133
LOC_Os01g47900	S-locus-like receptor protein kinase	-0.6518	-1.7616
LOC_Os01g48000	S-locus-like receptor protein kinase	0.39303	2.62411
LOC_Os01g48130	no apical meristem protein	-0.8094	1.92824
LOC_Os01g48850	auxin-responsive protein	-0.8749	-1.528
LOC_Os01g48910	AMP-binding enzyme	0.49078	1.58123
LOC_Os01g49160	MYB family transcription factor	0.05734	1.70593
LOC_Os01g49230	limonoid UDP-glucosyltransferase	0.11708	-1.6619
LOC_Os01g49290	WD repeat-containing protein	-0.6794	-1.9213
LOC_Os01g49820	lipid phosphatase protein	0.67924	1.98286
LOC_Os01g50100	ABC transporter, ATP-binding protein	-0.485	3.50794
LOC_Os01g50120	expressed protein	-0.0147	-1.5409
LOC_Os01g50200	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-0.1483	-1.5849
LOC_Os01g50370	STE_MEKK_ste11_MAP3K.4 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	0.65037	2.53685
LOC_Os01g50440	AWPM-19-like membrane family protein	0.01502	1.58845
LOC_Os01g50460	nodulin MtN3 family protein	0.18527	-2.103
LOC_Os01g50830	expressed protein	0.31627	-1.5773
LOC_Os01g50860	chloride transporter, chloride channel family	-0.6559	-1.8046
LOC_Os01g50940	helix-loop-helix DNA-binding domain containing protein	-0.9869	2.91351
LOC_Os01g51250	mitochondrial carrier protein	-0.0924	2.61278
LOC_Os01g51280	5-nucleotidase surE	0.29038	2.1195
LOC_Os01g51540	cytidine/deoxycytidylate deaminase	0.59214	3.21726

LOC_Os01g51670	expressed protein	0.33213	4.24206
LOC_Os01g51690	WRKY26	0.17558	3.86885
LOC_Os01g51770	outer mitochondrial membrane porin	0.89753	1.7187
LOC_Os01g52100	DUF581 domain containing protein	-0.4455	-1.7071
LOC_Os01g52130	sulfate transporter	0.50442	2.67989
LOC_Os01g52470	elongation factor	0.93895	3.11235
LOC_Os01g52490	40S ribosomal protein S24	-0.6465	-1.647
LOC_Os01g52710	glycosyl transferase 8 domain containing protein	0.03917	-1.5672
LOC_Os01g52750	OsSub3 - Putative Subtilisin homologue	0.00569	-1.9915
LOC_Os01g53020	heat shock protein DnaJ	-0.9401	-2.281
LOC_Os01g53260	WRKY23	0.37898	2.52532
LOC_Os01g53350	anthocyanidin 5,3-O-glucosyltransferase	0.24335	1.67552
LOC_Os01g54350	protein kinase domain containing protein	-0.6483	1.58385
LOC_Os01g54390	S4 domain containing protein	-0.7468	-1.84
LOC_Os01g54400	VQ domain containing protein	-0.0081	-1.5922
LOC_Os01g54480	serine/threonine protein kinase	0.4224	1.65554
LOC_Os01g54510	MAC/Perforin domain containing protein	0.50866	1.95228
LOC_Os01g54700	retrotransposon protein, unclassified	-0.4804	3.13706
LOC_Os01g55450	CAMK_KIN1/SNF1/Nim1_like.11 - CAMK includes calcium/calmodulin depedent protein kinases	0.23413	-1.7606
LOC_Os01g55500	nucleobase-ascorbate transporter	-0.2558	1.79135
LOC_Os01g55750	TCP family transcription factor	-0.1176	-1.7094
LOC_Os01g55900	holliday junction resolvase	-0.1022	-2.1102
LOC_Os01g56290	expressed protein	0.42156	-1.5237
LOC_Os01g56400	ABC transporter, ATP-binding protein	-0.7738	-1.5744
LOC_Os01g56560	cyclase/dehydrase family protein	0.96279	1.58496
LOC_Os01g56630	dymeclin	0.71994	1.5647
LOC_Os01g56780	plus-3 domain containing protein	0.01551	-1.5705
LOC_Os01g57240	expressed protein	-0.9007	-2.0503
LOC_Os01g57470	EF hand family protein	0.96009	3.89759
LOC_Os01g57540	protein kinase	0.29994	-1.8375
LOC_Os01g58080	membrane-associated salt-inducible protein	0.38978	-1.5462
LOC_Os01g58290	OsSub9 - Putative Subtilisin homologue	0.07054	1.96697
LOC_Os01g58320	expressed protein	0.95308	4.51506
LOC_Os01g58420	AP2 domain containing protein	0.77471	2.41769

LOC_Os01g58550	methyladenine glycosylase	-0.7615	-2.1603
LOC_Os01g58620	expressed protein	0.54333	1.74041
LOC_Os01g58780	zinc finger, C3HC4 type domain containing protein	-0.7341	-1.7289
LOC_Os01g58910	auxin-induced protein 5NG4	0.29512	-2.0257
LOC_Os01g59000	cytochrome P450	-0.2219	-1.5146
LOC_Os01g59020	cytochrome P450	0.27855	-3.1574
LOC_Os01g59050	cytochrome P450	-0.5769	-2.8873
LOC_Os01g59100	cytokinin-N-glucosyltransferase 1	0.48894	1.65153
LOC_Os01g59510	chloroplast ribonuclease III domain protein	-0.1453	-1.7321
LOC_Os01g59680	NHL25	0.91551	2.40427
LOC_Os01g59840	Os1bglu3 - beta-glucosidase homologue, similar to G. max isohydroxyurate hydrolase	-0.9335	-1.5458
LOC_Os01g59910	OsFBX29 - F-box domain containing protein	0.51913	1.60159
LOC_Os01g59980	zinc finger family protein	0.1248	-1.9168
LOC_Os01g60230	auxin efflux carrier component	-0.2253	-1.9092
LOC_Os01g60270	homeobox domain containing protein	0.51351	1.51309
LOC_Os01g60640	WRKY21	0.55577	4.0171
LOC_Os01g60770	expansin precursor	0.37489	-3.251
LOC_Os01g60780	solute carrier family 35 member E3	0.06238	-1.8899
LOC_Os01g60850	expressed protein	0.3512	-1.676
LOC_Os01g60910	CAMK_KIN1/SNF1/Nim1_like.12 - CAMK includes calcium/calmodulin depedent protein kinases	-0.2499	-1.5134
LOC_Os01g61010	nodulin	-0.5294	-2.4671
LOC_Os01g61200	GDSL-like lipase/acylhydrolase	0.01236	1.79999
LOC_Os01g61510	ammonium transporter protein	0.67741	1.52469
LOC_Os01g61630	expressed protein	-0.7353	-2.3286
LOC_Os01g61700	ATP-dependent Clp protease adaptor protein ClpS containing protein	0.02481	-2.8566
LOC_Os01g61880	respiratory burst oxidase	-0.9465	-1.7066
LOC_Os01g61990	ankyrin repeat-containing protein	0.75568	3.10412
LOC_Os01g62410	MYB family transcription factor	0.88024	2.06372
LOC_Os01g62430	C2 domain containing protein	0.31855	3.79899
LOC_Os01g62460	ZOS1-16 - C2H2 zinc finger protein	0.58132	2.9517
LOC_Os01g62850	membrane associated DUF588 domain containing protein	0.6874	1.99349
LOC_Os01g62970	expressed protein	0.72117	2.4906
LOC_Os01g63060	phosphatidic acid phosphatase-related	0.55147	3.13084
LOC_Os01g63480	transferase family protein	0.21755	3.38918

LOC_Os01g63620	expressed protein	-0.7757	-2.4357
LOC_Os01g63820	double-stranded RNA binding motif containing protein	0.99584	1.81548
LOC_Os01g64300	DUF584 domain containing protein	0.87004	2.83118
LOC_Os01g64310	no apical meristem protein	0.62732	4.96277
LOC_Os01g65030	S-locus-specific glycoprotein precursor	-0.1243	-2.1681
LOC_Os01g65230	AGC_AGC_other_PDK1_Pk61C.1 - ACG kinases include homologs to PKA, PKG and PKC	-0.7212	-1.9633
LOC_Os01g65240	transposon protein, Pong sub-class	-0.4569	-2.4193
LOC_Os01g65250	expressed	-0.4896	-2.3008
LOC_Os01g65350	deoxynucleoside kinase family	-0.4931	-1.7252
LOC_Os01g65520	Sad1 / UNC-like C-terminal domain containing protein	0.64025	4.42682
LOC_Os01g65700	expressed protein	0.98908	1.55629
LOC_Os01g66130	armadillo/beta-catenin repeat family protein	0.05955	2.42238
LOC_Os01g66250	S-locus-like receptor protein kinase	0.3521	2.82903
LOC_Os01g66320	expressed protein	-0.7859	-1.5558
LOC_Os01g66490	no apical meristem protein	0.69464	1.78951
LOC_Os01g66850	pectinacetylesterase domain containing protein	-0.8389	-2.0386
LOC_Os01g66970	zinc finger, C3HC4 type domain containing protein	-0.8702	-1.5713
LOC_Os01g67310	patatin	0.02392	2.80495
LOC_Os01g67510	recA protein	-0.4614	-2.2416
LOC_Os01g67570	PDE312/PTAC10	-0.4484	-1.803
LOC_Os01g67600	CXE carboxylesterase	-0.1196	2.26817
LOC_Os01g67810	transposon protein, unclassified	-0.1572	1.86262
LOC_Os01g67820	exo70 exocyst complex subunit domain containing protein	-0.8471	1.60627
LOC_Os01g68324	dolichyl-diphosphooligosaccharide--protein glycosyltransferase 63 kDasubunit precursor	-0.3476	-1.7065
LOC_Os01g68740	keratin, type I cytoskeletal 9	0.43076	2.14821
LOC_Os01g68820	expressed protein	0.17855	2.5417
LOC_Os01g69020	retrotransposon protein, unclassified	0.73059	1.57309
LOC_Os01g69100	expressed protein	-0.5261	-2.169
LOC_Os01g69980	TCP family transcription factor	0.68774	-1.9759
LOC_Os01g70130	protein kinase domain containing protein	0.15478	1.68921
LOC_Os01g70300	aspartokinase 3, chloroplast precursor	-0.9701	-1.5404
LOC_Os01g70490	potassium transporter	0.72582	1.50154
LOC_Os01g70550	heparan-alpha-glucosaminide N-acetyltransferase	-0.764	-1.5675
LOC_Os01g70790	SRC2 protein	0.82616	2.70487

LOC_Os01g71050	MSP domain containing protein	-0.3886	-1.7452
LOC_Os01g72009	expressed protein	0.25071	2.40017
LOC_Os01g72090	phycoerythrobilin ferredoxin oxidoreductase	-0.6525	-1.5213
LOC_Os01g72150	glutathione S-transferase	0.29225	2.89387
LOC_Os01g72240	uridine 5-monophosphate synthase	-0.8235	-1.7368
LOC_Os01g72260	cytochrome P450	-0.185	-1.8183
LOC_Os01g72360	expressed protein	0.00547	3.9158
LOC_Os01g72520	phosphoesterase family protein	-0.4333	1.50847
LOC_Os01g72760	cytochrome P450	0.63318	1.89919
LOC_Os01g72910	abscisic stress-ripening	-0.7674	2.75394
LOC_Os01g73300	VAMP-like protein YKT62	0.64535	1.59971
LOC_Os01g73500	expressed protein	0.91609	2.34724
LOC_Os01g73550	mitochondrial-processing peptidase subunit alpha, mitochondrial precursor	-0.0854	-2.0813
LOC_Os01g73970	lysine ketoglutarate reductase trans-splicing related 1	-0.466	1.6007
LOC_Os01g74146	WD repeat-containing protein	0.51478	1.98963
LOC_Os01g74450	aquaporin protein	-0.5726	-1.6339
LOC_Os02g01730	serine/threonine-protein kinase At1g18390 precursor	-0.9905	-1.5061
LOC_Os02g02600	serine/threonine-protein kinase Cx32, chloroplast precursor	0.54865	2.13819
LOC_Os02g02730	expressed protein	0.53495	3.34308
LOC_Os02g02880	expressed protein	-0.2047	-1.5105
LOC_Os02g02890	peptidyl-prolyl cis-trans isomerase	-0.7716	-2.4224
LOC_Os02g03110	CDP-alcohol phosphatidyltransferase	0.56775	2.02338
LOC_Os02g03250	expressed protein	-0.9855	-1.6795
LOC_Os02g03280	transmembrane BAX inhibitor motif-containing protein	0.65606	3.18898
LOC_Os02g03294	cyclin	0.51825	2.39147
LOC_Os02g03410	CAMK_CAMK_like.12 - CAMK includes calcium/calmodulin depedent protein kinases	-0.0427	1.6789
LOC_Os02g03560	expressed protein	0.36421	2.32568
LOC_Os02g04130	DUF1645 domain containing protein	0.98858	3.68677
LOC_Os02g04170	L-aspartate oxidase 1	-0.6438	1.63872
LOC_Os02g04640	Myb-like DNA-binding domain containing protein	-0.4993	3.34282
LOC_Os02g04650	activator of 90 kDa heat shock protein ATPase homolog	-0.7315	1.86869
LOC_Os02g04860	expressed protein	-0.3197	1.85413
LOC_Os02g06840	galactosyltransferase	0.02924	-1.6642
LOC_Os02g06910	auxin response factor 6	0.9026	1.50387

LOC_Os02g06930	protein kinase	0.80206	3.22977
LOC_Os02g07044	rhodanese-like domain containing protein	0.93112	2.10503
LOC_Os02g07220	peptidyl-prolyl cis-trans isomerase, FKBP-type	0.02358	-1.5785
LOC_Os02g07240	expressed protein	-0.21	-1.9614
LOC_Os02g07690	VQ domain containing protein	0.68919	4.11958
LOC_Os02g08150	CCT/B-box zinc finger protein	0.04389	-2.7039
LOC_Os02g08410	chorismate mutase, chloroplast precursor	-0.8057	-1.7432
LOC_Os02g08420	cinnamoyl CoA reductase	0.64191	2.72489
LOC_Os02g08440	WRKY71	0.75004	2.39905
LOC_Os02g09150	inorganic H+ pyrophosphatase	-0.9237	-1.9511
LOC_Os02g09220	cytochrome P450	0.08971	-1.9867
LOC_Os02g09250	cytochrome P450 71D10	-0.218	1.7447
LOC_Os02g09340	expressed protein	-0.9274	-2.1513
LOC_Os02g09380	expressed protein	-0.8128	-2.1489
LOC_Os02g09470	tic21	-0.0548	-1.8971
LOC_Os02g09980	expressed protein	0.86504	2.95701
LOC_Os02g09990	expressed protein	0.23626	4.33873
LOC_Os02g10400	expressed protein	-0.8879	-2.0355
LOC_Os02g10730	expressed protein	-0.3108	1.57591
LOC_Os02g11070	3-ketoacyl-CoA synthase	0.93742	4.37476
LOC_Os02g11110	flavonol-3-O-glycoside-7-O-glucosyltransferase 1	0.56465	-1.7442
LOC_Os02g11859	expressed protein	0.72418	5.28385
LOC_Os02g11870	expressed protein	0.07672	4.48931
LOC_Os02g12080	expressed protein	-0.6662	-1.6165
LOC_Os02g12580	OsPP2Ac-3 - Phosphatase 2A isoform 3 belonging to family 1	0.929	1.83303
LOC_Os02g12790	GATA zinc finger domain containing protein	-0.3257	-2.6455
LOC_Os02g13160	F-box protein PP2-A15	0.61988	1.5004
LOC_Os02g14090	berberine and berberine like domain containing protein	-0.3562	-1.8502
LOC_Os02g14430	peroxidase precursor	0.20226	1.63276
LOC_Os02g16040	ubiquitin-conjugating enzyme	0.86137	2.16224
LOC_Os02g16630	tryptophan biosynthesis protein trpCF	0.5822	1.58525
LOC_Os02g16909	dynein light chain type 1 domain containing protein	0.86474	3.66089
LOC_Os02g16940	OsSub13 - Putative Subtilisin homologue	-0.5356	2.27937
LOC_Os02g21040	aspartic proteinase nepenthesin precursor	-0.1165	2.87436

LOC_Os02g21260	OsFBL8 - F-box domain and LRR containing protein	0.7491	1.50251
LOC_Os02g21920	CPuORF24 - conserved peptide uORF-containing transcript	0.88053	1.92666
LOC_Os02g22160	DNA binding protein	0.43378	3.24969
LOC_Os02g26430	WRKY42	0.43096	1.90141
LOC_Os02g27360	aspartic proteinase-like protein 2 precursor	0.69768	1.7313
LOC_Os02g27594	expressed protein	-0.6477	-1.8962
LOC_Os02g28220	transferase family protein	0.55943	2.49988
LOC_Os02g28810	ribosomal protein	-0.6196	-1.542
LOC_Os02g30210	OsFBK7 - F-box domain and kelch repeat containing protein	-0.6939	-1.8162
LOC_Os02g30650	heavy metal-associated domain containing protein	0.17078	-2.1715
LOC_Os02g30900	protein kinase domain containing protein	0.60281	1.85612
LOC_Os02g30910	nodulin MtN3 family protein	0.78584	1.73123
LOC_Os02g31074	expressed protein	-0.0992	-1.705
LOC_Os02g32140	AP2 domain containing protein	0.59993	2.64042
LOC_Os02g32469	expressed protein	-0.4848	-2.0044
LOC_Os02g32620	PAN domain-containing protein At5g03700 precursor	0.57845	2.64829
LOC_Os02g33149	OR	-0.1846	-1.5841
LOC_Os02g33600	VQ domain containing protein	0.95155	2.10359
LOC_Os02g33670	expressed protein	0.96495	1.76045
LOC_Os02g34410	U-box domain-containing protein	0.71121	2.14781
LOC_Os02g35020	glycosyl transferase	0.74212	2.02657
LOC_Os02g35170	uncharacterized oxidoreductase yoxD	-0.2179	-1.9032
LOC_Os02g35329	RING-H2 finger protein ATL3F	-0.1884	2.89051
LOC_Os02g35500	NAD binding domain of 6-phosphogluconate dehydrogenase containing protein	-0.4975	-1.7972
LOC_Os02g35610	expressed protein	0.55605	1.64469
LOC_Os02g35620	expressed protein	-0.8446	-2.3961
LOC_Os02g35630	AAA family ATPase	-0.1712	-1.7435
LOC_Os02g35870	galactosyltransferase	0.60809	1.55274
LOC_Os02g36110	cytochrome P450	0.37129	-2.1897
LOC_Os02g36340	riboflavin biosynthesis protein ribAB, chloroplast precursor	0.40468	3.68052
LOC_Os02g36360	ZOS2-11 - C2H2 zinc finger protein	0.22085	2.03634
LOC_Os02g36890	MYB family transcription factor	0.13705	1.9101
LOC_Os02g36974	14-3-3 protein	-0.6257	-1.5398
LOC_Os02g37000	mitochondrial prohibitin complex protein 1	0.53046	2.77292

LOC_Os02g37040	expressed	-0.8937	-1.6017
LOC_Os02g37180	expressed protein	-0.5108	3.03807
LOC_Os02g37190	expressed protein	0.36447	-5.6339
LOC_Os02g37200	hydrophobin	-0.3819	-2.9972
LOC_Os02g37260	hypothetical protein	0.90897	1.98975
LOC_Os02g37480	glycine-rich cell wall structural protein precursor	0.18876	3.01085
LOC_Os02g38890	expressed protein	0.87448	3.75227
LOC_Os02g39160	hydroxymethylbutenyl 4-diphosphate synthase	0.12432	-1.8869
LOC_Os02g39390	expressed protein	0.35627	1.88126
LOC_Os02g39884	expressed protein	-0.0267	1.92049
LOC_Os02g39910	B4-BTB1 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with B4 subfamily conserved sequence	0.90458	2.52886
LOC_Os02g40454	serine/threonine protein phosphatase 2A 55 kDa regulatory subunit B	-0.9167	-2.4315
LOC_Os02g40460	S1 RNA binding domain containing protein	-0.4682	-1.6452
LOC_Os02g40490	expressed protein	-0.1989	-2.1232
LOC_Os02g40680	mis12 protein	0.34523	1.67796
LOC_Os02g40820	expressed protein	0.99068	2.17398
LOC_Os02g41510	MYB family transcription factor	0.59591	3.83694
LOC_Os02g41520	glycosyl transferase 8 domain containing protein	0.07843	2.47446
LOC_Os02g42110	wall-associated receptor kinase-like 22 precursor	0.43528	-2.0372
LOC_Os02g42150	OsWAK14 - OsWAK receptor-like protein kinase	-0.9312	1.71518
LOC_Os02g42220	transposon protein, unclassified	-0.4436	-1.8216
LOC_Os02g42370	receptor-like protein kinase 2 precursor	-0.5443	-1.5386
LOC_Os02g42990	OsSAUR11 - Auxin-responsive SAUR gene family member	-0.0416	2.25271
LOC_Os02g43110	sodium/calcium exchanger 1 precursor	-0.7485	-1.9633
LOC_Os02g43300	expressed protein	-0.2571	2.18937
LOC_Os02g43330	homeobox associated leucine zipper	0.68596	3.39927
LOC_Os02g44010	expressed protein	0.7406	1.61282
LOC_Os02g44090	zinc finger protein	-0.0196	3.41452
LOC_Os02g44300	MSP domain containing protein	0.05886	1.55322
LOC_Os02g44360	scarecrow transcription factor family protein	-0.4356	-1.7781
LOC_Os02g44370	scarecrow	-0.5335	-2.1779
LOC_Os02g44500	glutathione peroxidase	0.99235	2.34303
LOC_Os02g44710	expressed protein	0.78085	2.2278
LOC_Os02g44720	expressed protein	0.74509	2.69336

LOC_Os02g44770	uncharacterized mscS family protein	0.10619	2.57955
LOC_Os02g44870	dehydrin	0.74896	3.23381
LOC_Os02g44880	expressed protein	0.25727	2.44614
LOC_Os02g44910	transmembrane protein	0.81946	1.57527
LOC_Os02g45070	PINHEAD	-0.0772	-1.655
LOC_Os02g45450	dehydration-responsive element-binding protein	0.75717	2.26636
LOC_Os02g45520	uncharacterized membrane protein	0.14749	-2.2531
LOC_Os02g45690	uncharacterized mscS family protein	-0.8352	-1.612
LOC_Os02g46030	MYB family transcription factor	0.757	4.74063
LOC_Os02g46380	purine permease	0.45526	1.53403
LOC_Os02g46780	MYB family transcription factor	-0.7337	-2.1687
LOC_Os02g46850	oligopeptide transporter	-0.1889	-2.3201
LOC_Os02g47190	MYB family transcription factor	-0.776	-1.5481
LOC_Os02g47310	Cyclopropane-fatty-acyl-phospholipid synthase	-0.848	-1.6024
LOC_Os02g47470	cytochrome P450	-0.842	1.50805
LOC_Os02g47500	nodulin	-0.4941	-1.5928
LOC_Os02g47620	hydrolase, alpha/beta fold family domain containing protein	0.59991	-1.7951
LOC_Os02g47650	universal stress protein domain containing protein	0.73539	2.7405
LOC_Os02g48330	3-hydroxy-3-methylglutaryl-coenzyme A reductase	0.73446	1.68277
LOC_Os02g48340	RNA recognition motif containing protein	0.64793	2.10422
LOC_Os02g49060	amino acid transporter	-0.0801	-1.5937
LOC_Os02g49310	AGC_PVPK_like_kin82y.7 - ACG kinases include homologs to PKA, PKG and PKC	-0.5097	-1.8629
LOC_Os02g49470	tic20 protein-related	-0.5257	-2.62
LOC_Os02g49520	armadillo/beta-catenin repeat family protein	-0.5953	-1.6108
LOC_Os02g49700	homeobox associated leucine zipper	-0.728	-2.4604
LOC_Os02g49820	RNA recognition motif family protein	-0.7912	-2.2787
LOC_Os02g50010	APO	-0.3551	-1.9448
LOC_Os02g50130	hydrolase, NUDIX family, domain containing protein	-0.6608	-1.8039
LOC_Os02g50340	membrane attack complex component/perforin/complement C9	0.53149	1.68813
LOC_Os02g50450	hypothetical protein	0.15632	3.34793
LOC_Os02g50600	glycosyl transferase 8 domain containing protein	0.67542	3.20767
LOC_Os02g50810	expressed protein	-0.2493	-1.825
LOC_Os02g50940	NHL repeat-containing protein	0.57053	2.32058
LOC_Os02g51000	CS domain containing protein	0.62455	1.58209

LOC_Os02g51070	starch synthase	-0.895	-2.1888
LOC_Os02g51110	aquaporin protein	-0.6055	-1.6878
LOC_Os02g51350	OsFBK10 - F-box domain and kelch repeat containing protein	0.45306	3.05244
LOC_Os02g51750	annexin	0.27706	1.6224
LOC_Os02g51950	expressed protein	-0.6478	-1.8599
LOC_Os02g52560	xyloglucan fucosyltransferase	0.97093	1.89717
LOC_Os02g52780	bZIP transcription factor	0.61995	1.97461
LOC_Os02g53040	STE_MEKK_ste11_MAP3K.11 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	0.16274	2.04461
LOC_Os02g53110	expressed protein	0.63661	2.47612
LOC_Os02g53200	glucan endo-1,3-beta-glucosidase precursor	-0.3167	-1.7582
LOC_Os02g53490	cation efflux family protein	-0.1702	-1.5049
LOC_Os02g53530	ZOS2-17 - C2H2 zinc finger protein	-0.7371	-1.8842
LOC_Os02g54600	STE_MEK_ste7_MAP2K.5 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	0.62308	2.53891
LOC_Os02g54640	glutamate receptor	-0.684	-3.2479
LOC_Os02g54710	expressed protein	-0.7044	-1.9065
LOC_Os02g54780	CYPRO4	0.31448	2.39016
LOC_Os02g54890	UDP-glucuronate 4-epimerase	0.0727	2.59721
LOC_Os02g55970	ANTH	0.16172	2.33222
LOC_Os02g56190	expressed protein	-0.0664	-1.7622
LOC_Os02g56280	zinc finger family protein	-0.2903	-1.6649
LOC_Os02g56330	expressed	0.84681	2.71454
LOC_Os02g56440	expressed protein	-0.0189	1.76742
LOC_Os02g56900	thioredoxin family protein	-0.0809	1.89599
LOC_Os02g56960	ribosomal protein	-0.5697	-1.7447
LOC_Os02g57030	expressed protein	-0.8406	-1.5345
LOC_Os02g57090	anthranilate phosphoribosyltransferase	0.82423	2.0899
LOC_Os02g57100	expressed protein	-0.5291	-2.2561
LOC_Os02g57160	ELMO/CED-12 family protein	0.88765	-1.6006
LOC_Os02g57480	transferase family protein	-0.7946	-2.6278
LOC_Os02g57980	DEAD/DEAH box helicase	-0.2527	-1.6191
LOC_Os02g58100	expressed protein	-0.0828	-2.0064
LOC_Os02g58730	ras-related protein	-0.513	-1.871
LOC_Os03g01218	expressed	-0.9934	-2.091

LOC_Os03g01270	expansin precursor	-0.1299	-1.8507
LOC_Os03g01740	expressed protein	0.93746	4.25165
LOC_Os03g01930	retrotransposon protein, unclassified	-0.7202	-2.5969
LOC_Os03g02020	stress responsive A/B Barrel domain containing protein	-0.8047	-3.8889
LOC_Os03g02070	heavy-metal-associated domain-containing protein	0.98659	3.076
LOC_Os03g02300	expressed protein	-0.296	2.86563
LOC_Os03g02390	mitochondrial import inner membrane translocase subunit Tim17	0.43652	1.59763
LOC_Os03g02550	OsFBX76 - F-box domain containing protein	0.85695	3.15616
LOC_Os03g02840	remorin family protein	-0.6396	-1.6325
LOC_Os03g03034	flavonol synthase/flavanone 3-hydroxylase	0.65814	3.21567
LOC_Os03g03200	hydrolase, alpha/beta fold family protein	0.0541	3.33771
LOC_Os03g03320	expressed protein	0.13575	-3.0427
LOC_Os03g03660	CAMK_CAMK_like.17 - CAMK includes calcium/calmodulin depedent protein kinases	0.99643	3.24839
LOC_Os03g03700	MLO domain containing protein	0.43138	1.90487
LOC_Os03g03724	expressed protein	-0.9312	-3.1279
LOC_Os03g03880	protein kinase	0.06016	-1.6216
LOC_Os03g03949	electron carrier/ protein disulfide oxidoreductase	-0.4285	-1.5661
LOC_Os03g04070	no apical meristem protein	-0.94	1.98859
LOC_Os03g04370	protein-methionine-S-oxide reductase	0.32286	2.16844
LOC_Os03g04650	cytochrome P450 protein	-0.5441	-1.7198
LOC_Os03g04760	expressed protein	-0.4322	-1.9802
LOC_Os03g04890	zinc finger family protein	0.80992	2.79672
LOC_Os03g05320	expressed protein	-0.283	-1.678
LOC_Os03g05870	Fe-S metabolism associated domain containing protein	-0.6356	-1.7256
LOC_Os03g06080	heavy metal-associated domain containing protein	0.51236	2.26024
LOC_Os03g06200	aminotransferase	0.6213	1.5122
LOC_Os03g06330	tyrosine protein kinase domain containing protein	0.66551	2.45688
LOC_Os03g06930	homeodomain protein	-0.4857	-2.5636
LOC_Os03g07570	aminotransferase	0.24231	1.77007
LOC_Os03g07590	expressed protein	0.23123	2.56316
LOC_Os03g07850	tRNA methyltransferase	0.07597	-1.5448
LOC_Os03g08200	DUF567 domain containing protein	0.6942	4.21834
LOC_Os03g08490	AP2 domain containing protein	-0.6517	-1.6247
LOC_Os03g08580	expressed protein	0.18594	2.41783

LOC_Os03g08740	expressed protein	-0.2965	-1.856
LOC_Os03g08850	AUXIN SIGNALING F-BOX 2	0.18559	-1.7338
LOC_Os03g08860	GRAM domain containing protein	-0.3639	1.90086
LOC_Os03g08880	purine permease	0.55801	-1.7685
LOC_Os03g08930	helix-loop-helix DNA-binding protein	0.33815	2.25648
LOC_Os03g09140	ras-related protein	0.85383	1.85138
LOC_Os03g10080	expressed protein	-0.5939	-1.9343
LOC_Os03g10210	homeobox domain containing protein	0.27762	1.57745
LOC_Os03g10220	methyladenine glycosylase	-0.9532	-1.655
LOC_Os03g10340	40S ribosomal protein S3a	-0.9057	-1.6991
LOC_Os03g10540	OsFBX78 - F-box domain containing protein	0.2132	-1.7897
LOC_Os03g11510	mitochondrial carrier protein	-0.0517	-1.5922
LOC_Os03g11614	OsMADS1 - MADS-box family gene with MIKCc type-box	0.98957	1.90061
LOC_Os03g11670	pentatricopeptide repeat domain containing protein	-0.5633	-1.9921
LOC_Os03g12000	DEAD-box ATP-dependent RNA helicase	-0.8991	-2.0126
LOC_Os03g12030	3-ketoacyl-CoA synthase	-0.9455	-2.5193
LOC_Os03g12110	homocysteine S-methyltransferase protein	0.79472	2.29505
LOC_Os03g12510	non-symbiotic hemoglobin 2	-0.9419	1.56099
LOC_Os03g12530	cation efflux family protein	-0.7893	-1.8587
LOC_Os03g12700	expressed protein	0.23486	-2.9166
LOC_Os03g13140	non-symbiotic hemoglobin 2	-0.146	2.24792
LOC_Os03g13300	glutamate decarboxylase	-0.8072	2.36154
LOC_Os03g13450	expressed protein	0.68001	2.48472
LOC_Os03g13460	microtubule associated protein	0.54151	2.36534
LOC_Os03g13740	immediate-early fungal elicitor protein CMPG1	-0.3921	2.04818
LOC_Os03g13950	actin-depolymerizing factor	0.73793	1.80144
LOC_Os03g14170	3-ketoacyl-CoA synthase	0.78838	2.51343
LOC_Os03g14900	NB-ARC/LRR disease resistance protein	-0.9723	-2.9251
LOC_Os03g15780	anthranilate synthase component I-1, chloroplast precursor	-0.226	2.0506
LOC_Os03g15860	mitochondrial carrier protein	0.95107	1.97451
LOC_Os03g17000	NAD dependent epimerase/dehydratase family domain containing protein	0.51408	2.19189
LOC_Os03g17140	expressed protein	0.39446	-1.6994
LOC_Os03g17460	IN2-1 protein	0.5016	1.67378
LOC_Os03g17670	expressed protein	0.31014	3.60815

LOC_Os03g17700	CGMC_MAPKCGMC_2_ERK.2 - CGMC includes CDA, MAPK, GSK3, and CLKC kinases	0.44607	2.00811
LOC_Os03g17790	OsRCI2-5 - Putative low temperature and salt responsive protein	0.55485	2.62705
LOC_Os03g18150	protein phosphatase 2C	0.52248	1.82971
LOC_Os03g18430	protein kinase	-0.2177	-1.8511
LOC_Os03g18590	malonyl CoA-acyl carrier protein transacylase, mitochondrial precursor	-0.8327	-2.3077
LOC_Os03g18600	cyclase/dehydrase family protein	-0.8492	-1.5301
LOC_Os03g18850	pathogenesis-related Bet v I family protein	0.31435	1.94451
LOC_Os03g19020	PHD-finger family protein	0.4744	1.7425
LOC_Os03g19240	AMP-binding enzyme	-0.3965	-2.2075
LOC_Os03g19260	expressed protein	-0.6339	2.89797
LOC_Os03g19270	universal stress protein domain containing protein	0.79653	3.41281
LOC_Os03g19700	plant protein of unknown function domain containing protein	-0.9297	-1.5335
LOC_Os03g19860	expressed protein	0.48542	-1.6346
LOC_Os03g20010	nifU	0.01244	-1.8946
LOC_Os03g20330	VQ domain containing protein	-0.9846	2.0433
LOC_Os03g20460	guanylate kinase	0.10591	-1.5337
LOC_Os03g20500	OsFBX82 - F-box domain containing protein	-0.0339	-3.522
LOC_Os03g20550	WRKY55	0.4183	1.99705
LOC_Os03g20600	expressed protein	0.02259	3.32227
LOC_Os03g20949	phospholipid-transporting ATPase	-0.2801	1.70547
LOC_Os03g21380	OsCML27 - Calmodulin-related calcium sensor protein	0.91488	1.66654
LOC_Os03g21640	expressed protein	0.7799	2.79157
LOC_Os03g21690	lung seven transmembrane domain containing protein	0.94289	1.94363
LOC_Os03g22210	POEI46 - Pollen Ole e I allergen and extensin family protein precursor	-0.4514	-2.1397
LOC_Os03g22700	cyclin-dependent kinase C-2	-0.5016	-1.5907
LOC_Os03g22780	DVR	-0.4256	-1.6896
LOC_Os03g22820	expressed protein	-0.0253	3.70914
LOC_Os03g24640	terpene synthase	0.11349	1.61419
LOC_Os03g25450	h/ACA ribonucleoprotein complex subunit 4	-0.6117	-2.0132
LOC_Os03g25750	SNARE associated Golgi protein	0.58309	2.61579
LOC_Os03g25790	glycosyl hydrolases family 17 protein	0.96481	1.55931
LOC_Os03g25869	amino acid permease family protein	-0.7602	-1.8906
LOC_Os03g26990	VQ domain containing protein	0.28501	1.58609
LOC_Os03g27080	calmodulin-binding transcription activator 2	-0.4533	2.00722

LOC_Os03g27960	sodium/calcium exchanger protein	0.45648	1.78078
LOC_Os03g29240	PDI	0.62562	3.15835
LOC_Os03g29810	OsClp6 - Putative Clp protease homologue	-0.9596	-1.9209
LOC_Os03g30130	phospholipase C	-0.334	1.93937
LOC_Os03g30420	cytochrome P450	-0.7993	-1.8331
LOC_Os03g31160	expressed protein	0.07328	-1.6196
LOC_Os03g31180	diacylglycerol kinase 1	0.1035	-1.6436
LOC_Os03g32330	expressed protein	-0.0812	-1.8075
LOC_Os03g32420	expressed protein	-0.8694	3.28938
LOC_Os03g33090	DUF260 domain containing protein	0.92642	1.78567
LOC_Os03g37411	MATE efflux family protein	-0.7178	-1.7574
LOC_Os03g37878	expressed protein	-0.4742	-2.5238
LOC_Os03g39760	cytochrome P450	-0.7599	-2.9406
LOC_Os03g41060	GASR2 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor	0.35186	1.52082
LOC_Os03g41330	DUF260 domain containing protein	-0.4937	-1.9592
LOC_Os03g41350	BTBN7 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic hypocotyl 3 NPH3 domain	0.68496	-1.6135
LOC_Os03g43590	LSTK-1-like kinase	0.93233	1.94704
LOC_Os03g43770	OsFBX97 - F-box domain containing protein	0.76246	2.28388
LOC_Os03g43810	helix-loop-helix DNA-binding domain containing protein	0.08058	-1.7854
LOC_Os03g43850	recA protein	-0.9125	-1.8865
LOC_Os03g43860	SNF7 domain containing protein	0.93298	-1.723
LOC_Os03g44650	glutaredoxin	0.91393	1.61658
LOC_Os03g45960	thaumatin	-0.3	3.24272
LOC_Os03g46200	acetyltransferase, GNAT family	0.45631	3.13134
LOC_Os03g46260	DUF581 domain containing protein	-0.201	-1.617
LOC_Os03g46600	acidic leucine-rich nuclear phosphoprotein 32-related protein 2	0.05901	-2.0226
LOC_Os03g47240	expressed protein	0.17321	-2.1106
LOC_Os03g48180	peptide transporter PTR2	-0.2385	-2.2714
LOC_Os03g48660	DUF1336 domain containing protein	-0.0494	1.94107
LOC_Os03g48920	DUF1517 domain containing protein	-0.6106	-1.6153
LOC_Os03g49770	oxysterol-binding protein	0.51022	1.69939
LOC_Os03g50120	zinc finger family protein	0.54115	-1.6239
LOC_Os03g50490	glutamine synthetase, catalytic domain containing protein	0.89036	2.49468
LOC_Os03g50960	LTPL118 - Protease inhibitor/seed storage/LTP family protein precursor	-0.9892	1.54047

LOC_Os03g51010	hydrolase, alpha/beta fold family domain containing protein	0.92365	2.38428
LOC_Os03g51459	expressed protein	0.09489	1.84294
LOC_Os03g51479	maf	-0.7933	1.73713
LOC_Os03g51610	Inositol 1, 3, 4-trisphosphate 5/6-kinase	0.85896	1.58776
LOC_Os03g51760	OsFBX109 - F-box domain containing protein	0.21942	2.14643
LOC_Os03g52230	dynamin-2B	-0.3326	-1.5811
LOC_Os03g52360	PIII3 - Proteinase inhibitor II family protein precursor	0.81401	2.43071
LOC_Os03g52380	PIII5 - Proteinase inhibitor II family protein precursor	0.56978	2.47785
LOC_Os03g52640	expressed protein	-0.7373	-1.8217
LOC_Os03g52690	CBS domain containing membrane protein	0.18811	-1.5347
LOC_Os03g52910	uncharacterized UPF0114 domain containing protein	0.56682	2.82789
LOC_Os03g52970	deoxyhypusine synthase	-0.1109	-1.5026
LOC_Os03g53200	OsCML4 - Calmodulin-related calcium sensor protein	0.69369	2.31098
LOC_Os03g53270	stem-specific protein TSJT1	0.68142	2.00711
LOC_Os03g53300	expressed protein	-0.3915	-2.3932
LOC_Os03g53530	WD domain, G-beta repeat domain containing protein	-0.1333	-1.5218
LOC_Os03g53730	flavoprotein wrbA	0.36485	2.40341
LOC_Os03g53750	nuclear prelamin A recognition factor	0.93053	2.12188
LOC_Os03g55020	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	0.74685	-3.0818
LOC_Os03g55130	expressed protein	-0.3323	-2.1419
LOC_Os03g55310	SWIB/MDM2 domain containing protein	0.28206	2.62957
LOC_Os03g55320	protein phosphatase 2C	0.4336	4.20051
LOC_Os03g55340	pentatricopeptide	-0.4159	1.68398
LOC_Os03g55430	expressed protein	0.84637	2.19403
LOC_Os03g55540	ZOS3-18 - C2H2 zinc finger protein	0.69702	3.05763
LOC_Os03g55620	CAMK_CAMK_like_Aur_like.2 - CAMK includes calcium/calmodulin depedent protein kinases	0.90047	2.00649
LOC_Os03g55670	expressed protein	0.16683	1.79847
LOC_Os03g55980	expressed protein	0.09691	4.30507
LOC_Os03g56250	LRR receptor-like protein kinase	-0.7437	1.71733
LOC_Os03g56500	expressed protein	0.05975	3.26995
LOC_Os03g56950	phytochrome-interacting factor 4	0.76002	-1.9018
LOC_Os03g57200	glutathione S-transferase	0.38802	4.47455
LOC_Os03g57240	ZOS3-19 - C2H2 zinc finger protein	-0.7975	-1.7608
LOC_Os03g57270	ubiquitin carboxyl-terminal hydrolase, family 1	0.07021	-1.5786

LOC_Os03g57310	syntaxin	0.04108	2.00676
LOC_Os03g57420	ML domain protein	-0.2621	-1.671
LOC_Os03g57490	fasciclin domain containing protein	0.5099	2.41967
LOC_Os03g58090	expressed protein	-0.7038	-1.6908
LOC_Os03g58150	transmembrane BAX inhibitor motif-containing protein	0.85653	1.5655
LOC_Os03g58190	expressed protein	-0.3059	-1.6863
LOC_Os03g58470	retrotransposon protein, Ty3-gypsy subclass	0.65101	-3.425
LOC_Os03g58790	ATPase	0.27923	4.40577
LOC_Os03g58940	LTPL83 - Protease inhibitor/seed storage/LTP family protein precursor	-0.7977	-1.6228
LOC_Os03g59050	DEAD-box ATP-dependent RNA helicase	0.78013	2.49194
LOC_Os03g59070	phosphatase	-0.8636	1.96501
LOC_Os03g59080	AMP-binding enzyme	-0.296	-1.5791
LOC_Os03g59180	expressed protein	0.0648	2.76002
LOC_Os03g59470	stage II sporulation protein E	0.92653	1.73294
LOC_Os03g59774	expressed protein	-0.7105	-1.5207
LOC_Os03g60210	DUF567 domain containing protein	0.3844	2.54814
LOC_Os03g60380	cinnamoyl CoA reductase	-0.9357	2.48262
LOC_Os03g60430	AP2 domain containing protein	-0.2962	-1.512
LOC_Os03g60520	expressed protein	0.68322	1.53326
LOC_Os03g60750	ribosomal RNA large subunit methyltransferase J	-0.3052	-2.1385
LOC_Os03g60760	expressed protein	0.70639	2.66157
LOC_Os03g60850	peptide transporter PTR2	0.58792	1.94465
LOC_Os03g61040	GIL1	-0.5712	-1.506
LOC_Os03g61500	uncharacterized Cys-rich domain containing protein	0.94156	3.32305
LOC_Os03g62240	expressed protein	-0.7997	-2.3359
LOC_Os03g62270	MATE efflux family protein	0.18927	-1.8678
LOC_Os03g62370	WD40-like Beta Propeller Repeat family protein	-0.8055	-3.0136
LOC_Os03g63360	glutathione S-transferase	-0.6626	-2.0784
LOC_Os03g63370	CRAL/TRIO domain containing protein	-0.8328	-1.6153
LOC_Os03g63390	plastocyanin-like domain containing protein	0.69631	3.12961
LOC_Os03g63530	histone-like transcription factor and archaeal histone	0.90367	1.66833
LOC_Os03g63620	tetraspanin family protein	-0.8535	1.65442
LOC_Os03g63930	acyl carrier protein	-0.3459	-1.9913
LOC_Os03g64020	expressed protein	-0.79	-2.0689

LOC_Os03g64150	MATE efflux family protein	-0.429	-2.1073
LOC_Os03g64260	AP2 domain containing protein	0.10842	4.66227
LOC_Os04g01674	erythronate-4-phosphate dehydrogenase domain containing protein	-0.6862	-1.7017
LOC_Os04g02830	expressed protein	-0.4256	-1.7001
LOC_Os04g02910	membrane related protein CP5	-0.8542	-1.7271
LOC_Os04g08190	expressed protein	-0.437	-2.032
LOC_Os04g08640	cadmium tolerance factor	0.44579	2.18332
LOC_Os04g12830	expressed protein	-0.5283	-2.3934
LOC_Os04g13210	multidrug resistance-associated protein	0.32104	1.89869
LOC_Os04g18090	histone H1	-0.2349	-2.2015
LOC_Os04g19684	methyl-CpG binding domain containing protein	-0.3757	-1.6288
LOC_Os04g19960	retrotransposon protein, unclassified	0.27862	3.16631
LOC_Os04g20474	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-0.8749	-1.7992
LOC_Os04g20749	expressed protein	-0.007	2.95436
LOC_Os04g24850	cytokinin-O-glucosyltransferase 2	0.71976	-2.5407
LOC_Os04g25100	transposon protein, unclassified	-0.9947	-1.7997
LOC_Os04g25440	cytokinin-O-glucosyltransferase 2	0.35557	-2.4448
LOC_Os04g27670	terpene synthase family, metal binding domain containing protein	0.9786	3.37327
LOC_Os04g29580	OsWAK37 - OsWAK short gene	-0.7422	-2.7343
LOC_Os04g29680	OsWAK38 - OsWAK receptor-like protein kinase	-0.8061	-3.1225
LOC_Os04g29810	expressed protein	-0.2356	-2.7949
LOC_Os04g29960	OsWAK43 - OsWAK receptor-like protein kinase	-0.9799	-1.9694
LOC_Os04g30030	cysteine-rich receptor-like protein kinase 12 precursor	0.52339	1.57151
LOC_Os04g30240	OsWAK60 - OsWAK receptor-like protein kinase	-0.6748	-1.53
LOC_Os04g32110	ACT domain containing protein	0.80241	2.09775
LOC_Os04g32480	zinc-finger protein	0.43444	3.07677
LOC_Os04g33000	expressed	0.22415	-2.1552
LOC_Os04g33060	NAD dependent epimerase/dehydratase family protein	-0.8171	-2.7146
LOC_Os04g33310	expressed protein	-0.367	-3.6823
LOC_Os04g33610	expressed protein	0.13582	-2.2034
LOC_Os04g34030	U-box domain-containing protein	0.18741	1.83271
LOC_Os04g34140	U-box protein CMPG1	-0.0157	1.52025
LOC_Os04g34620	expressed protein	0.08809	-1.5305
LOC_Os04g35180	co-chaperone GrpE protein	-0.241	-1.5523

LOC_Os04g35790	GLTP domain containing protein	-0.3521	-2.0229
LOC_Os04g36062	expressed protein	-0.2177	-1.5259
LOC_Os04g36720	ferric-chelate reductase	-0.3653	-1.9244
LOC_Os04g36770	PME/invertase inhibitor	-0.8203	-4.4146
LOC_Os04g37430	lipoxygenase protein	0.74083	2.28012
LOC_Os04g37619	zeaxanthin epoxidase, chloroplast precursor	0.03878	-1.7402
LOC_Os04g37670	steroid nuclear receptor, ligand-binding	-0.9041	1.5773
LOC_Os04g37760	expressed protein	0.96933	2.31278
LOC_Os04g37790	expressed protein	0.2323	1.63199
LOC_Os04g37920	FAD binding domain of DNA photolyase domain containing protein	-0.4652	-1.5599
LOC_Os04g37980	transporter family protein	-0.3656	-1.9547
LOC_Os04g38560	pectinesterase	0.60704	2.44804
LOC_Os04g38680	transmembrane amino acid transporter protein	-0.673	1.77272
LOC_Os04g38960	expressed protein	0.36295	-1.5617
LOC_Os04g39040	UBA and UBX domain-containing protein	0.78305	1.59773
LOC_Os04g39080	OsFBX140 - F-box domain containing protein	0.80906	1.85794
LOC_Os04g39420	6-phosphofructokinase 2	0.94613	1.65965
LOC_Os04g39430	cytochrome P450	-0.0992	-1.8035
LOC_Os04g40140	expressed protein	0.76784	2.40411
LOC_Os04g40310	dehydrogenase	0.67935	2.1099
LOC_Os04g40940	mitotic spindle checkpoint protein MAD2	0.65399	1.88371
LOC_Os04g41020	kelch repeat protein	-0.9546	-1.5088
LOC_Os04g41040	DNA-directed RNA polymerases I, II, and III subunit RPABC1	0.35762	1.84852
LOC_Os04g41140	PPR repeat containing protein	0.36428	-1.7853
LOC_Os04g41500	expressed protein	0.08237	1.91027
LOC_Os04g41550	CRS1/YhbY domain containing protein	-0.1161	-1.5677
LOC_Os04g41560	B-box zinc finger family protein	-0.5074	-1.5898
LOC_Os04g41850	NIN	-0.0876	-1.6561
LOC_Os04g42030	expressed protein	0.24757	-1.6095
LOC_Os04g42174	expressed protein	-0.0504	-1.8383
LOC_Os04g42240	expressed protein	0.9075	1.7474
LOC_Os04g42490	DIE2/ALG10 family	-0.2342	-1.8474
LOC_Os04g42500	trafficking protein particle complex subunit	-0.366	-1.5148
LOC_Os04g42520	phosphoribosyl transferase	-0.7916	-1.5849

LOC_Os04g42590	expressed protein	-0.9987	-1.7723
LOC_Os04g42690	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	-0.1233	-2.7059
LOC_Os04g42760	sialyltransferase family domain containing protein	0.78803	2.16918
LOC_Os04g43070	ammonium transporter protein	-0.2016	-1.8474
LOC_Os04g43164	expressed protein	0.14789	-1.5935
LOC_Os04g43310	expressed protein	0.83872	2.25321
LOC_Os04g43390	Os4bglu16 - monolignol beta-glucoside homologue	0.42893	1.79658
LOC_Os04g43670	expressed protein	0.38474	1.56141
LOC_Os04g44320	transposon protein, unclassified	0.47597	1.51871
LOC_Os04g44550	CHCH domain containing protein	0.45185	2.53749
LOC_Os04g44590	expressed protein	-0.4198	-1.565
LOC_Os04g44650	ferredoxin-thioredoxin reductase, variable chain	-0.7818	-1.7542
LOC_Os04g45000	short-chain dehydrogenase/reductase	-0.7972	-4.6701
LOC_Os04g45130	heavy-metal-associated domain-containing protein	0.24277	2.85735
LOC_Os04g45480	heat shock protein STI	0.08043	1.83145
LOC_Os04g45920	protein kinase domain containing protein	0.34261	1.76932
LOC_Os04g46100	expressed protein	-0.5272	-1.5786
LOC_Os04g46930	serine racemase	-0.4299	-1.5663
LOC_Os04g46970	glucosyltransferase	-0.6698	3.12631
LOC_Os04g46980	cis-zeatin O-glucosyltransferase	-0.0142	2.86453
LOC_Os04g47300	CAMK_CAMK_like.26 - CAMK includes calcium/calmodulin depedent protein kinases	0.91795	2.42974
LOC_Os04g47360	OsPOP9 - Putative Prolyl Oligopeptidase homologue	-0.4892	-1.8294
LOC_Os04g47420	transmembrane amino acid transporter protein	-0.2921	-2.2951
LOC_Os04g47770	cis-zeatin O-glucosyltransferase	-0.0357	-2.9812
LOC_Os04g48030	heat stress transcription factor B-1	0.24471	2.6364
LOC_Os04g48480	exostosin family domain containing protein	0.08467	-1.9103
LOC_Os04g48700	TruB family pseudouridylate synthase	-0.0651	-2.0962
LOC_Os04g48860	expressed	0.40742	-1.9748
LOC_Os04g48940	uncharacterized mscS family protein	-0.4024	-1.7857
LOC_Os04g49000	zinc finger, C3HC4 type domain containing protein	-0.3929	1.87313
LOC_Os04g49450	MYB family transcription factor	-0.0581	3.45406
LOC_Os04g49510	CAMK_CAMK_like.27 - CAMK includes calcium/calmodulin depedent protein kinases	-0.1762	1.54224
LOC_Os04g49540	expressed protein	-0.4311	-1.9973
LOC_Os04g49570	glutamate receptor	-0.9248	-2.728

LOC_Os04g49757	purine permease	-0.0998	-1.8769
LOC_Os04g49970	U-box	0.70095	2.17227
LOC_Os04g50204	protein transport protein-related	-0.2781	-1.6965
LOC_Os04g51060	expressed protein	0.7826	1.76783
LOC_Os04g51510	glycosyl hydrolases family 16	-0.1238	1.50124
LOC_Os04g51680	expressed protein	0.96295	2.74756
LOC_Os04g51786	containing DUF163	-0.5356	-1.7314
LOC_Os04g51792	PAP fibrillin family domain containing protein	-0.3213	-1.9752
LOC_Os04g51990	transferase family domain containing protein	0.95614	1.92279
LOC_Os04g52000	protein phosphatase 2C	0.73017	1.5215
LOC_Os04g52504	adhesive/proline-rich protein	0.28376	2.06717
LOC_Os04g52600	SHR5-receptor-like kinase	0.90225	1.56807
LOC_Os04g52710	imidazoleglycerol-phosphate dehydratase	-0.7798	-1.8051
LOC_Os04g52730	NAD dependent epimerase/dehydratase family domain containing protein	0.71033	2.06833
LOC_Os04g52840	tyrosine protein kinase domain containing protein	0.88025	2.67383
LOC_Os04g53380	expressed protein	-0.5888	-1.971
LOC_Os04g53860	reductase	-0.9342	-2.0817
LOC_Os04g53994	kinase	0.40418	3.11731
LOC_Os04g54200	diacylglycerol kinase	0.03207	1.83087
LOC_Os04g54210	expressed protein	0.98044	1.60997
LOC_Os04g54340	double-strand break repair protein MRE11	-0.2811	-1.6272
LOC_Os04g54630	expressed protein	-0.8617	-1.8384
LOC_Os04g54790	ELMO/CED-12 family protein	-0.2979	-1.8988
LOC_Os04g54830	expressed protein	-0.085	2.22514
LOC_Os04g55070	gibberellin 20 oxidase 2	0.89457	1.79714
LOC_Os04g55560	AP2 domain containing protein	0.49011	-2.0614
LOC_Os04g55650	oryzain alpha chain precursor	0.7862	1.88011
LOC_Os04g55850	nuclease PA3	-0.9822	-2.3799
LOC_Os04g55980	glycine-rich RNA-binding, abscisic acid-inducible protein	0.77959	5.19652
LOC_Os04g56030	glycine-rich cell wall structural protein precursor	-0.4733	2.99006
LOC_Os04g56160	plasma membrane ATPase	-0.0169	-1.5362
LOC_Os04g56240	lipase	0.21973	-2.7744
LOC_Os04g57180	flavonol synthase/flavanone 3-hydroxylase	0.16317	1.62402
LOC_Os04g57200	heavy metal transport/detoxification protein	-0.2445	1.53321

genes significantly

genes significantly regulated in MSP1_24H samples(1643)	LOC_Os04g57240	expressed protein	-0.8955	-1.5992
	LOC_Os04g57420	reticulon domain containing protein	0.12598	-1.6659
	LOC_Os04g57550	amine oxidase, flavin-containing, domain containing protein	0.96994	2.58915
	LOC_Os04g57720	OsRR6 type-A response regulator	-0.0589	2.92812
	LOC_Os04g57760	expressed protein	0.74613	3.14339
	LOC_Os04g57790	ubiquinone biosynthesis protein COQ4	-0.6377	-1.5265
	LOC_Os04g57810	GA18008-PA	0.88831	1.9498
	LOC_Os04g58190	dof zinc finger domain containing protein	0.5225	3.79247
	LOC_Os04g58350	TFIIH basal transcription factor complex p52 subunit	-0.1472	-1.5774
	LOC_Os04g58390	allantoinase	0.79257	-1.5839
	LOC_Os04g58570	C2 domain containing protein	-0.8484	-1.7544
	LOC_Os04g58620	potasium efflux antiporter protein	-0.2935	-1.6488
	LOC_Os04g58790	expressed protein	-0.44	-1.8027
	LOC_Os04g58810	CAF1 family ribonuclease containing protein	-0.2924	2.76756
	LOC_Os04g58850	harpin-induced protein 1 domain containing protein	0.3637	2.5615
	LOC_Os04g59150	peroxidase precursor	0.05416	-2.2068
	LOC_Os04g59160	peroxidase precursor	-0.4661	-3.0235
	LOC_Os04g59590	methyltransferase	-0.2544	-1.7032
	LOC_Os05g01290	expressed protein	-0.9119	-1.9871
	LOC_Os05g01444	polygalacturonase inhibitor precursor	0.53443	1.78318
	LOC_Os05g01940	zinc finger, RING-type	0.08033	2.30253
	LOC_Os05g02120	pectinacetylesterase domain containing protein	0.10642	-1.5602
	LOC_Os05g02750	ABC transporter, membrane-spanning/permease subunit	-0.4757	-2.9372
	LOC_Os05g02890	white-brown complex homolog protein 16	0.71527	2.16768
	LOC_Os05g03000	inner membrane protein alx	-0.4076	-2.1674
	LOC_Os05g03120	retrotransposon protein, unclassified	-0.7126	-1.7359
	LOC_Os05g03590	expressed protein	0.56747	2.8362
	LOC_Os05g03620	TKL_IRAK_CR4L.4 - The CR4L subfamily has homology with Crinkly4	0.56063	2.89417
	LOC_Os05g03750	expressed protein	-0.8282	-2.682
	LOC_Os05g04210	MYB family transcription factor	0.80871	4.8212
	LOC_Os05g04220	nitrogen regulatory protein P-II	-0.9181	-1.6399
	LOC_Os05g04380	peroxidase precursor	-0.7096	1.84595
	LOC_Os05g04600	ABC transmembrane transporter domain containing protein	0.17165	-1.9143
	LOC_Os05g04610	ABC transporter, ATP-binding protein	-0.3864	-3.8823

LOC_Os05g05080	expressed protein	0.84959	2.91385
LOC_Os05g05110	expressed protein	0.18995	1.94459
LOC_Os05g05150	SLD5 - Putative GINS complex subunit	-0.8095	-1.9073
LOC_Os05g05590	transporter, monovalent cation:proton antiporter-2 family	-0.1279	-2.1902
LOC_Os05g05600	ATA15 protein	0.30569	-1.6222
LOC_Os05g06430	OsPDIL2-1 protein disulfide isomerase PDIL2-1	-0.8407	-1.6677
LOC_Os05g06490	RNA polymerase Rpb7, N-terminal domain containing protein	-0.5131	-1.7521
LOC_Os05g06970	peroxidase precursor	0.65779	2.03792
LOC_Os05g06990	TKL_IRAK_CrRLK1L-1.10 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog	0.62565	1.84197
LOC_Os05g07060	fasciclin domain containing protein	-0.6519	1.52235
LOC_Os05g07070	zinc finger, C3HC4 type domain containing protein	0.99869	1.7173
LOC_Os05g07420	S-domain receptor-like protein kinase	-0.5396	-1.8258
LOC_Os05g07860	uvrB/uvrC motif family protein	0.20112	-1.7706
LOC_Os05g08850	cytochrome P450	0.30361	1.62581
LOC_Os05g08860	expressed protein	-0.0432	1.78017
LOC_Os05g09020	WRKY67	0.47957	1.58967
LOC_Os05g11250	lachrymatory factor synthase	-0.2292	-1.8784
LOC_Os05g11510	B-box zinc finger family protein	0.2637	-1.6208
LOC_Os05g11950	GDSL-like lipase/acylhydrolase	-0.6197	-1.5329
LOC_Os05g12450	hydroquinone glucosyltransferase	-0.7846	1.79903
LOC_Os05g12580	expressed protein	-0.9803	-1.7727
LOC_Os05g13520	white-brown complex homolog protein 12	-0.6592	-2.4852
LOC_Os05g13620	RNA recognition motif containing protein	-0.058	3.61465
LOC_Os05g15510	cellulase	-0.7052	-2.041
LOC_Os05g17849	expressed protein	-0.3747	-1.5512
LOC_Os05g21180	phosphatidic acid phosphatase-related	-0.1978	2.17096
LOC_Os05g22930	CAAX amino terminal protease family protein	-0.6185	-1.7965
LOC_Os05g23230	expressed protein	0.62919	1.73823
LOC_Os05g23320	expressed protein	0.15884	3.11624
LOC_Os05g23350	glycosyl hydrolase family 10 protein	-0.1099	1.51805
LOC_Os05g24010	receptor protein kinase-like	0.25563	2.28764
LOC_Os05g25860	expressed protein	0.87088	1.57606
LOC_Os05g26820	CAMK_KIN1/SNF1/Nim1_like.20 - CAMK includes calcium/calmodulin depedent protein kinases	-0.6104	-1.8379

LOC_Os05g27340	expressed protein	0.71557	3.23058
LOC_Os05g27730	WRKY53	0.94101	2.38552
LOC_Os05g29050	phospholipase D p1	0.78884	1.90695
LOC_Os05g30480	DnaK family protein	0.0716	2.37718
LOC_Os05g30940	vacuolar calcium binding protein	0.42426	1.75749
LOC_Os05g31570	disease resistance protein RGA4	-0.6049	-1.677
LOC_Os05g31670	AWPM-19-like membrane family protein	0.25922	3.84581
LOC_Os05g32500	expressed protein	-0.0006	-1.9546
LOC_Os05g32680	PAC	-0.6455	-1.7105
LOC_Os05g32860	expressed protein	0.53482	3.00157
LOC_Os05g33410	xylanase inhibitor	0.81392	3.54122
LOC_Os05g34670	KH domain containing protein	0.073	-2.3755
LOC_Os05g34760	expressed protein	-0.2843	-1.6008
LOC_Os05g34770	cytochrome c	0.47414	1.57564
LOC_Os05g36260	soluble inorganic pyrophosphatase	0.78349	2.97224
LOC_Os05g36280	histone H3	0.50876	2.74854
LOC_Os05g37060	MYB family transcription factor	0.21334	4.35628
LOC_Os05g37200	solute carrier family 35 member F2	-0.4733	-1.9468
LOC_Os05g37930	expressed protein	-0.0078	-3.9426
LOC_Os05g38720	Lung seven transmembrane receptor domain containing protein	0.27464	2.78753
LOC_Os05g38820	histone-like transcription factor and archaeal histone	0.78082	1.90874
LOC_Os05g39220	GDSL-like lipase/acylhydrolase	-0.0271	2.05973
LOC_Os05g39930	spotted leaf 11	0.97803	3.97527
LOC_Os05g39990	expansin precursor	-0.8821	-2.1542
LOC_Os05g40170	expressed protein	-0.3434	-1.7821
LOC_Os05g40720	glycosyl transferase, family 8	-0.9007	-2.0762
LOC_Os05g40950	pentatricopeptide repeat-containing protein	0.26757	1.59933
LOC_Os05g41150	expressed protein	-0.6137	-1.6627
LOC_Os05g41310	disease resistance protein RGA2	-0.1148	-1.9346
LOC_Os05g41620	expressed protein	0.51309	2.0021
LOC_Os05g41760	AP2 domain containing protein	0.97637	3.05142
LOC_Os05g41780	AP2 domain containing protein	0.04697	1.61789
LOC_Os05g42210	serine/threonine-protein kinase receptor precursor	0.67312	1.78595
LOC_Os05g42280	expressed protein	-0.3718	-2.079

LOC_Os05g42350	ferredoxin--nitrite reductase	0.81482	1.55845
LOC_Os05g43120	GDSL-like lipase/acylhydrolase	0.6176	1.53679
LOC_Os05g43650	expressed protein	0.63753	-1.9094
LOC_Os05g43760	TCP family transcription factor	0.09699	-1.9006
LOC_Os05g43970	heat- and acid-stable phosphoprotein	0.82578	2.51652
LOC_Os05g44030	protein kinase	0.73146	1.63646
LOC_Os05g44360	oligosaccharyl transferase	-0.7735	-1.6495
LOC_Os05g44420	expressed protein	-0.828	-2.1217
LOC_Os05g44770	receptor-like protein kinase 5 precursor	0.35147	2.3603
LOC_Os05g45020	zinc finger/CCCH transcription factor	0.6946	2.292
LOC_Os05g45080	anthocyanidin 5,3-O-glucosyltransferase	0.86773	-1.7711
LOC_Os05g45320	ubiquitin domain-containing protein 1	0.69529	1.62077
LOC_Os05g45830	expressed protein	0.25249	1.79402
LOC_Os05g45840	GTPase-activating protein	0.95931	2.41034
LOC_Os05g46020	WRKY7	-0.4162	2.93528
LOC_Os05g46240	green ripe-like	0.37405	2.31129
LOC_Os05g46260	exostosin	0.421	1.62007
LOC_Os05g46350	IQ calmodulin-binding motif domain containing protein	0.38399	2.99085
LOC_Os05g46510	polygalacturonase	-0.0159	2.60135
LOC_Os05g46630	expressed protein	0.007	-1.9269
LOC_Os05g47770	serine/threonine-protein kinase At1g18390 precursor	-0.0677	1.87993
LOC_Os05g47840	IPP transferase	-0.9004	-2.1546
LOC_Os05g48210	expressed protein	0.80411	2.18777
LOC_Os05g48330	aspartyl protease family protein	-0.5445	1.80008
LOC_Os05g48690	transcription factor like protein	0.52974	2.25745
LOC_Os05g48700	gibberellin 2-beta-dioxygenase	0.84729	-2.2151
LOC_Os05g48980	ras-related protein	0.30103	1.5631
LOC_Os05g49030	60S ribosomal protein L18a	-0.8687	-1.5036
LOC_Os05g49440	DUF1264 domain containing protein	0.9003	1.73781
LOC_Os05g49610	ubiquitin carboxyl-terminal hydrolase, family 1	-0.316	-2.4883
LOC_Os05g49670	expressed protein	-0.0443	2.78818
LOC_Os05g49700	AP2 domain containing protein	0.95639	2.4449
LOC_Os05g49840	phospholipase	0.76996	4.10994
LOC_Os05g49880	lactate/malate dehydrogenase	-0.7732	-1.8414

LOC_Os05g50100	expressed protein	0.00737	3.40441
LOC_Os05g50170	ATPCME	0.72922	1.72171
LOC_Os05g50230	DUF1645 domain containing protein	0.13007	1.57756
LOC_Os05g50250	cinnamoyl-CoA reductase-related	0.48684	1.87374
LOC_Os05g50280	transporter family protein	-0.8229	-1.9206
LOC_Os05g50380	glucose-1-phosphate adenylyltransferase large subunit, chloroplast precursor	-0.0516	-1.7779
LOC_Os05g50470	expressed protein	0.39537	1.51259
LOC_Os05g50570	OsSCP29 - Putative Serine Carboxypeptidase homologue	0.99712	2.89886
LOC_Os05g50600	OsSCP31 - Putative Serine Carboxypeptidase homologue	-0.224	-1.5224
LOC_Os05g50720	harpin-induced protein 1 domain containing protein	-0.5341	-1.9913
LOC_Os05g50770	C4-dicarboxylate transporter/malic acid transport protein	0.96691	2.43647
LOC_Os05g50850	expressed protein	-0.8296	-2.4814
LOC_Os05g51070	inactive receptor kinase At2g26730 precursor	0.17639	-2.2802
LOC_Os05g51160	Myb transcription factor	-0.1963	2.838
LOC_Os05g51540	expressed protein	-0.8393	-2.1806
LOC_Os05g51610	sodium/calcium exchanger protein	-0.5786	-3.1696
LOC_Os06g01290	expressed protein	-0.815	-1.6056
LOC_Os06g01440	integral membrane protein	-0.8058	-2.3955
LOC_Os06g01934	homeobox domain containing protein	-0.6812	-1.5667
LOC_Os06g02210	bark storage protein A precursor	-0.8173	-2.1869
LOC_Os06g02360	Skp1 family, dimerisation domain containing protein	0.54952	1.75807
LOC_Os06g02400	OsFBO18 - F-box and other domain containing protein	-0.8255	-1.645
LOC_Os06g02480	expressed protein	-0.5584	-1.6579
LOC_Os06g02490	acyl CoA binding protein	-0.8476	-1.9037
LOC_Os06g03670	dehydration-responsive element-binding protein	0.86071	2.63866
LOC_Os06g03682	calcium-dependent protein kinase isoform AK1	-0.2362	-1.8037
LOC_Os06g03810	expressed protein	-0.5563	3.65089
LOC_Os06g03830	retinol dehydrogenase	-0.1359	-2.0808
LOC_Os06g04200	starch synthase	-0.0902	-2.2419
LOC_Os06g04460	hypersensitive-induced response protein	-0.0619	1.61022
LOC_Os06g04610	ribosome-binding factor A, chloroplast precursor	-0.2915	-1.6355
LOC_Os06g04790	HAD superfamily phosphatase	0.76948	1.54676
LOC_Os06g05090	methyltransferase domain containing protein	0.61493	-1.6153
LOC_Os06g05130	myristoyl-acyl carrier protein thioesterase, chloroplast precursor	0.70064	3.21853

LOC_Os06g05240	zinc carboxypeptidase family protein	-0.0253	-1.6082
LOC_Os06g05424	expressed protein	0.93214	2.03292
LOC_Os06g05480	expressed protein	0.12021	1.70351
LOC_Os06g05550	GDSL-like lipase/acylhydrolase	-0.404	-1.7764
LOC_Os06g05860	6-phosphofructokinase	-0.3566	-2.115
LOC_Os06g06290	GDSL-like lipase/acylhydrolase	-0.5437	-2.4252
LOC_Os06g06420	glyoxalase/bleomycin resistance protein/dioxygenase	-0.6986	-1.6282
LOC_Os06g06490	U-box domain containing heat shock protein	-0.0918	3.0554
LOC_Os06g07040	OsIAA20 - Auxin-responsive Aux/IAA gene family member	0.80884	1.77847
LOC_Os06g07070	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	0.16922	2.04649
LOC_Os06g07200	syntaxin	0.21424	1.64413
LOC_Os06g08280	protein kinase domain containing protein	0.39209	1.50261
LOC_Os06g08300	FAD dependent oxidoreductase domain containing protein	-0.0907	-1.5463
LOC_Os06g08860	transporter family protein	-0.3069	-1.6739
LOC_Os06g09310	zinc finger, C3HC4 type domain containing protein	0.37194	4.0526
LOC_Os06g09370	PTF1	0.34488	1.62677
LOC_Os06g09560	heat shock protein DnaJ	0.60545	3.86839
LOC_Os06g09980	expressed protein	0.75505	2.21208
LOC_Os06g09990	expressed protein	0.09157	1.87078
LOC_Os06g10650	tyrosine phosphatase family protein	0.94621	1.85644
LOC_Os06g11150	DUF1645 domain containing protein	-0.1514	2.85464
LOC_Os06g11410	cyclin	-0.5496	-2.3297
LOC_Os06g12170	expressed protein	-0.8893	-2.8064
LOC_Os06g12600	kinase, pfkB family	-0.9902	-2.0906
LOC_Os06g13320	protein kinase	0.39298	1.55476
LOC_Os06g13870	U-box protein CMPG1	-0.2501	3.50621
LOC_Os06g14190	NF-X1-type zinc finger protein	0.60965	1.63776
LOC_Os06g14510	glucose-6-phosphate isomerase	0.06446	1.59925
LOC_Os06g16370	CCT/B-box zinc finger protein	0.01594	2.01569
LOC_Os06g16420	amino acid transporter	0.87408	1.53552
LOC_Os06g19070	cytochrome P450	-0.9394	-3.1703
LOC_Os06g19444	CCT/B-box zinc finger protein	-0.7118	1.62629
LOC_Os06g19530	oxidoreductase, short chain dehydrogenase/reductase family	-0.8392	-2.3385
LOC_Os06g20340	dual specificity protein phosphatase	0.92501	1.58338

LOC_Os06g20390	expressed protein	0.78023	1.56259
LOC_Os06g21210	glycine rich protein family protein	-0.8261	-3.4956
LOC_Os06g21240	glycine rich protein family protein	-0.2334	-3.3963
LOC_Os06g21480	60S ribosomal protein L31	0.69483	1.59788
LOC_Os06g21580	expressed protein	-0.4824	-2.1251
LOC_Os06g22440	SAM dependent carboxyl methyltransferase	-0.8247	-2.2697
LOC_Os06g24070	myb-like DNA-binding domain containing protein	-0.55	-2.766
LOC_Os06g25010	glycosyl hydrolase	0.83913	3.61388
LOC_Os06g27760	peptide methionine sulfoxide reductase msrB	0.01793	-1.6153
LOC_Os06g29844	MATE efflux family protein	-0.5782	-1.7502
LOC_Os06g30380	GTP binding protein	-0.7311	-1.769
LOC_Os06g33180	expressed protein	0.93217	1.76642
LOC_Os06g33720	flavin-containing monooxygenase family protein	-0.8295	-1.6155
LOC_Os06g35650	reticuline oxidase-like protein precursor	-0.3559	3.88016
LOC_Os06g35900	BES1/BZR1 homolog protein	0.7858	1.6365
LOC_Os06g36040	expressed protein	-0.2544	-2.5288
LOC_Os06g36070	expressed protein	-0.9738	-1.5464
LOC_Os06g36450	ferroportin1 domain containing protein	0.51386	-2.6412
LOC_Os06g36800	O-acyltransferase	-0.0662	1.54154
LOC_Os06g37450	GATA zinc finger domain containing protein	-0.3208	-2.0437
LOC_Os06g37620	protein kinase family protein	0.05313	1.9624
LOC_Os06g39370	OsFBK16 - F-box domain and kelch repeat containing protein	0.01537	2.34525
LOC_Os06g39640	PINHEAD	-0.4655	-1.6985
LOC_Os06g39690	SOUL heme-binding protein	-0.0289	-1.5163
LOC_Os06g39750	3-ketoacyl-CoA synthase	-0.4333	3.09271
LOC_Os06g39880	cytochrome P450 72A1	0.99597	3.31444
LOC_Os06g39900	agenet domain containing protein	-0.0271	-2.0659
LOC_Os06g39906	homeobox domain containing protein	-0.757	-1.9136
LOC_Os06g40500	expressed protein	-0.5783	-1.6619
LOC_Os06g41060	helix-loop-helix DNA-binding	0.5399	1.61748
LOC_Os06g41380	expressed protein	0.98509	2.909
LOC_Os06g41450	VQ domain containing protein	-0.4109	-1.6896
LOC_Os06g41770	bZIP transcription factor domain containing protein	-0.7447	1.984
LOC_Os06g41810	reductase	-0.3911	-1.6706

LOC_Os06g42700	zinc finger, C3HC4 type domain containing protein	0.78287	1.69208
LOC_Os06g43080	expressed protein	0.3384	2.60986
LOC_Os06g43140	GA16396-PA	-0.2255	-1.5954
LOC_Os06g43384	cytochrome P450	0.80999	1.76917
LOC_Os06g43510	cytochrome P450 71D6	-0.3566	-2.027
LOC_Os06g43550	expressed protein	0.73708	2.06399
LOC_Os06g43610	formamidopyrimidine-DNA glycosylase	-0.0153	-1.6928
LOC_Os06g43800	methyltransferase domain containing protein	-0.9426	-1.5187
LOC_Os06g44010	WRKY28	0.73446	3.70072
LOC_Os06g44190	expressed protein	0.26014	2.08415
LOC_Os06g44220	OsRCI2-9 - Putative low temperature and salt responsive protein	0.15039	1.52463
LOC_Os06g44240	gp176	0.95981	2.23665
LOC_Os06g44500	OsFBK17 - F-box domain and kelch repeat containing protein	-0.9029	-2.9471
LOC_Os06g44810	expressed protein	-0.2578	-1.5701
LOC_Os06g45860	molybdenum cofactor sulfurase	0.78665	1.6072
LOC_Os06g45870	expressed protein	0.59008	1.63056
LOC_Os06g46670	glutamate receptor	0.51926	-2.3111
LOC_Os06g46940	Os6bglu25 - beta-glucosidase homologue, similar to Os3bglu6	-0.2885	1.84596
LOC_Os06g46950	EF hand family protein	0.0868	3.86378
LOC_Os06g47000	external NADH-ubiquinone oxidoreductase 1, mitochondrial precursor	-0.8828	-2.2467
LOC_Os06g47220	expressed protein	0.42005	-1.9502
LOC_Os06g47530	TKL_IRAK_DUF26-lh.6 - DUF26 kinases have homology to DUF26 containing loci	0.51214	3.18354
LOC_Os06g47640	OsCML29 - Calmodulin-related calcium sensor protein	-0.1846	-2.1768
LOC_Os06g47940	nifU	-0.9963	-2.1591
LOC_Os06g48010	peroxidase precursor	-0.9729	-3.0256
LOC_Os06g48040	zinc finger, C3HC4 type domain containing protein	0.72162	3.72667
LOC_Os06g48300	protein phosphatase 2C	0.99391	2.90075
LOC_Os06g48610	CCT motif family protein	0.27683	-2.3726
LOC_Os06g48680	expressed protein	0.53704	1.86603
LOC_Os06g48800	OsHKT2;4 - Na+ transporter	-0.2959	-2.9098
LOC_Os06g48860	OsSAUR28 - Auxin-responsive SAUR gene family member	-0.2542	-1.7275
LOC_Os06g49360	NBS-LRR disease resistance protein	-0.7367	-1.8361
LOC_Os06g49690	expressed protein	0.64106	1.75822
LOC_Os06g49890	coiled-coil domain-containing protein 90A, mitochondrial precursor	0.68573	1.92834

LOC_Os06g50050	AAA-type ATPase family protein	0.19568	2.11447
LOC_Os06g50180	DUF803 domain containing	-0.3434	1.984
LOC_Os06g50950	GDSL-like lipase/acylhydrolase	0.60859	3.5603
LOC_Os06g50960	expansin precursor	-0.7556	-1.6756
LOC_Os06g51050	CHIT7 - Chitinase family protein precursor	-0.6489	2.09448
LOC_Os06g51060	CHIT8 - Chitinase family protein precursor	0.83305	3.12041
LOC_Os06g51220	HMG1/2	-0.2557	-1.7241
LOC_Os07g01250	tobamovirus multiplication protein	0.39001	-2.4242
LOC_Os07g02250	expressed protein	-0.9631	-2.0095
LOC_Os07g02330	protein phosphatase 2C	-0.415	1.59951
LOC_Os07g02460	expressed protein	0.90881	2.64366
LOC_Os07g02990	expressed protein	0.11169	2.65117
LOC_Os07g03170	expressed protein	0.79166	2.47528
LOC_Os07g03180	GCRP3 - Glycine and cysteine rich family protein precursor	-0.4866	-1.54
LOC_Os07g03240	RNA recognition motif containing protein	0.30261	1.50418
LOC_Os07g03600	SCP-like extracellular protein	-0.1094	4.48249
LOC_Os07g03870	receptor like protein kinase	0.83401	1.71751
LOC_Os07g03910	transporter, major facilitator superfamily domain containing protein	0.21628	-2.2175
LOC_Os07g04110	legume lectins beta domain containing protein	0.23122	-1.9939
LOC_Os07g04200	bacterial transferase hexapeptide domain containing protein	-0.7693	-1.9481
LOC_Os07g04910	reticulon domain containing protein	-0.2443	-1.6192
LOC_Os07g06060	expressed protein	0.18604	-1.7084
LOC_Os07g06130	ethylene-insensitive protein	-0.1387	-1.5837
LOC_Os07g06620	YABBY domain containing protein	0.5922	1.68586
LOC_Os07g06670	OsFBL35 - F-box domain and LRR containing protein	-0.0783	-1.8426
LOC_Os07g06800	3-oxo-5-alpha-steroid 4-dehydrogenase	0.36535	-1.7906
LOC_Os07g07410	oxidoreductase, 2OG-Fe oxygenase family protein	0.78498	1.67656
LOC_Os07g08350	C4-dicarboxylate transporter/malic acid transport protein	-0.7085	-2.9541
LOC_Os07g08420	bZIP transcription factor domain containing protein	0.56203	2.53286
LOC_Os07g08710	AT hook-containing DNA-binding protein	-0.2993	-3.5024
LOC_Os07g09384	expressed protein	-0.4542	-1.6034
LOC_Os07g09420	ATPase	0.74014	2.30253
LOC_Os07g09790	expressed	-0.2437	-1.5314
LOC_Os07g10910	ATEXO70F1	-0.3267	1.96763

LOC_Os07g11000	structural constituent of ribosome	-0.6645	-1.6129
LOC_Os07g11290	expressed protein	0.97646	2.00501
LOC_Os07g11739	cytochrome P450	0.5396	2.2613
LOC_Os07g12630	transcription elongation factor protein	0.6838	2.93745
LOC_Os07g12800	expressed protein	0.80235	1.60634
LOC_Os07g13770	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	0.77475	2.23618
LOC_Os07g13780	cytokinin-O-glucosyltransferase 2	-0.7767	1.83866
LOC_Os07g15370	metal transporter Nramp6	0.60422	-1.5783
LOC_Os07g15670	peroxiredoxin	-0.7519	-1.6153
LOC_Os07g18120	aldehyde oxidase	0.16971	2.64979
LOC_Os07g22930	starch synthase	0.06882	-1.8775
LOC_Os07g23110	poly synthetase 1	-0.6903	-1.7545
LOC_Os07g23410	fatty acid desaturase	0.76867	1.84016
LOC_Os07g23640	retrotransposon protein, Ty3-gypsy subclass	-0.1789	2.39739
LOC_Os07g23660	retrotransposon protein, unclassified	-0.1642	2.69897
LOC_Os07g24230	integral membrane transporter family protein	0.03242	-4.4703
LOC_Os07g25150	myb-related protein 306	0.256	2.99386
LOC_Os07g25700	expressed protein	0.93546	3.89399
LOC_Os07g26540	hexokinase	0.89604	1.5652
LOC_Os07g26630	aquaporin protein	-0.9647	-1.6729
LOC_Os07g27330	no apical meristem protein	0.60698	1.85774
LOC_Os07g28614	expressed protein	-0.4259	-1.6273
LOC_Os07g28720	expressed protein	0.00477	-1.6006
LOC_Os07g29410	thioredoxin	-0.0172	-2.7446
LOC_Os07g30154	POEI2 - Pollen Ole e I allergen and extensin family protein precursor	0.11665	-1.7336
LOC_Os07g30610	cytokinin-O-glucosyltransferase 2	-0.8438	-3.1315
LOC_Os07g30620	cytokinin-O-glucosyltransferase 2	-0.7076	-3.198
LOC_Os07g32060	UDP-glucoronosyl/UDP-glucosyl transferase	-0.8591	-1.8567
LOC_Os07g32560	ATP-dependent protease	-0.2639	-2.6863
LOC_Os07g32950	dnaJ C terminal region family protein	-0.4656	-1.8452
LOC_Os07g33350	hsp20/alpha crystallin family protein	-0.3632	-2.0604
LOC_Os07g33650	expressed protein	-0.1571	-1.6134
LOC_Os07g33690	NBS-LRR type disease resistance protein Hom-F	-0.8069	1.55595
LOC_Os07g34260	chalcone and stilbene synthases	-0.3977	5.66409

LOC_Os07g34280	CXE carboxylesterase	0.53035	5.44762
LOC_Os07g34570	FAD dependent oxidoreductase domain containing protein	-0.2053	-2.7433
LOC_Os07g34640	pyruvate Pi dikinase regulatory protein	0.96974	1.80393
LOC_Os07g34720	harpin-induced protein 1 domain containing protein	-0.1569	1.84991
LOC_Os07g34940	aspartic proteinase nepenthesin-1 precursor	-0.8759	1.72903
LOC_Os07g35300	TKL_IRAK_DUF26-lc.11 - DUF26 kinases have homology to DUF26 containing loci	-0.1949	1.63247
LOC_Os07g35330	TKL_IRAK_DUF26-lc.13 - DUF26 kinases have homology to DUF26 containing loci	-0.3696	2.17723
LOC_Os07g35350	glucan endo-1,3-beta-glucosidase precursor	0.53561	1.84802
LOC_Os07g35500	mucin-associated surface protein	0.58659	1.92406
LOC_Os07g36170	chitin-inducible gibberellin-responsive protein	0.22771	1.73224
LOC_Os07g36400	expressed protein	-0.6166	-2.1643
LOC_Os07g36570	KI domain interacting kinase 1	0.31892	2.24853
LOC_Os07g37180	ABC1 family domain containing protein	0.25115	2.20249
LOC_Os07g37530	organic cation transporter-related	-0.4494	-1.9516
LOC_Os07g37620	fiber expressed protein	-0.6946	2.64699
LOC_Os07g37700	expressed protein	-0.3516	-1.5634
LOC_Os07g38030	GRAS family transcription factor domain containing protein	-0.8078	-2.5775
LOC_Os07g38130	polygalacturonase inhibitor 1 precursor	-0.4776	-1.8365
LOC_Os07g38370	expressed protein	0.94191	3.29439
LOC_Os07g38600	REX1 DNA Repair family protein	-0.5704	-1.6466
LOC_Os07g39120	expressed protein	0.14793	-1.7383
LOC_Os07g39470	gibberellin response modulator protein	0.60749	1.7763
LOC_Os07g39680	UV-induced protein uvi15	0.46881	1.66175
LOC_Os07g39780	SUMO-activating enzyme subunit 2	0.84207	1.52307
LOC_Os07g39920	formin	-0.7027	-1.6238
LOC_Os07g40290	OsGH3.8 - Probable indole-3-acetic acid-amido synthetase	0.11775	3.67592
LOC_Os07g40630	BRASSINOSTEROID INSENSITIVE 1 precursor	0.99955	3.83067
LOC_Os07g41190	WD domain, G-beta repeat domain containing protein	0.09641	-1.9284
LOC_Os07g41230	esterase	0.97756	3.23593
LOC_Os07g41330	mitochondrial import inner membrane translocase subunit Tim17	0.77056	1.56568
LOC_Os07g41340	B12D protein	-0.9637	1.95578
LOC_Os07g41350	B12D protein	0.05619	3.3159
LOC_Os07g42220	expressed protein	0.66302	1.60293
LOC_Os07g42354	PPR repeat domain containing protein	-0.0214	-2.0971

LOC_Os07g42510	AP2 domain containing protein	0.45341	1.81751
LOC_Os07g42730	EF hand family protein	-0.6252	-1.5111
LOC_Os07g42960	phospho-2-dehydro-3-deoxyheptonate aldolase, chloroplast precursor	-0.2579	1.75095
LOC_Os07g43700	lactate/malate dehydrogenase	-0.8101	-3.6231
LOC_Os07g43740	zinc finger, C3HC4 type domain containing protein	0.16212	3.95799
LOC_Os07g43800	EF hand family protein	-0.5419	1.73151
LOC_Os07g44190	h/ACA ribonucleoprotein complex subunit 4	-0.0788	-2.2834
LOC_Os07g44950	bZIP transcription factor domain containing protein	-0.2883	1.80929
LOC_Os07g45280	Mo25	-0.8535	-2.1145
LOC_Os07g46330	uncharacterized UPF0114 domain containing protein	0.50148	-1.7263
LOC_Os07g46670	early response to dehydration 15	-0.4147	1.67377
LOC_Os07g47140	CCT/B-box zinc finger protein	-0.9629	-1.7154
LOC_Os07g47370	pentatricopeptide	-0.3133	-1.8673
LOC_Os07g48200	B3 DNA binding domain containing protein	0.46729	-1.8092
LOC_Os07g48340	OsCML24 - Calmodulin-related calcium sensor protein	-0.9558	-1.8197
LOC_Os07g48410	RNA-binding zinc finger protein	0.16503	-1.7109
LOC_Os07g48490	stress responsive protein	-0.42	-1.9971
LOC_Os07g48660	bZIP transcription factor domain containing protein	-0.3212	-1.822
LOC_Os07g48870	MYB family transcription factor	0.9142	3.33881
LOC_Os07g48970	OsPOP17 - Putative Prolyl Oligopeptidase homologue	-0.9519	-1.8323
LOC_Os07g49390	P-protein	0.56758	1.63532
LOC_Os07g49480	KIP1	0.09885	1.5991
LOC_Os08g01390	phosphatidylinositol-4-phosphate 5-Kinase	0.91189	3.01245
LOC_Os08g01520	cytochrome P450	0.2746	2.39682
LOC_Os08g01940	non-lysosomal glucosylceramidase	0.72528	-1.6139
LOC_Os08g02110	peroxidase precursor	-0.255	-2.9328
LOC_Os08g02210	expressed protein	-0.3244	-3.3828
LOC_Os08g02670	ATP binding protein	-0.8233	-1.6438
LOC_Os08g02970	expressed protein	-0.4009	1.53916
LOC_Os08g03300	OsFBDUF40 - F-box and DUF domain containing protein	0.37929	1.85405
LOC_Os08g03350	amino acid transporter	-0.7541	2.00289
LOC_Os08g03520	retrotransposon protein, Ty1-copia subclass	0.47347	-1.6029
LOC_Os08g03600	expressed protein	0.92222	3.33778
LOC_Os08g04120	expressed protein	-0.1554	-1.5134

LOC_Os08g04130	copine-6	0.09426	2.40908
LOC_Os08g04340	plastocyanin-like domain containing protein	0.73059	3.3567
LOC_Os08g04500	terpene synthase	-0.0304	-3.717
LOC_Os08g04630	external NADH-ubiquinone oxidoreductase 1, mitochondrial precursor	0.4224	3.74594
LOC_Os08g05780	expressed protein	-0.0458	1.73668
LOC_Os08g06420	abhydrolase domain-containing protein FAM108C1	-0.7873	-2.1318
LOC_Os08g06630	RNA polymerase sigma factor	-0.9437	-1.8106
LOC_Os08g08570	expressed protein	-0.802	-2.5699
LOC_Os08g08970	Cupin domain containing protein	-0.8739	3.04305
LOC_Os08g09210	phosphoribosylamine--glycine ligase	-0.2519	-1.6307
LOC_Os08g09340	bromodomain containing protein	0.11359	1.54993
LOC_Os08g09700	OsFBX270 - F-box domain containing protein	0.44697	1.61489
LOC_Os08g10100	expressed protein	0.9122	2.11904
LOC_Os08g10630	metal cation transporter	-0.9307	-1.7304
LOC_Os08g10670	expressed protein	0.76022	1.82608
LOC_Os08g13440	cupin domain containing protein	-0.2109	-1.9578
LOC_Os08g14070	LYR motif containing protein	0.00322	-1.841
LOC_Os08g15050	CCT/B-box zinc finger protein	-0.6918	1.69127
LOC_Os08g15500	expressed protein	-0.7546	-1.6022
LOC_Os08g16480	ATPase, AFG1 family domain containing protein	0.67629	1.53102
LOC_Os08g16810	retrotransposon protein, SINE subclass	-0.2979	-2.4324
LOC_Os08g19210	expressed protein	0.57432	2.45829
LOC_Os08g21330	formamidopyrimidine-DNA glycosylase	-0.7208	-1.6341
LOC_Os08g24200	expressed protein	0.78311	1.64418
LOC_Os08g24300	expressed protein	0.33672	1.94371
LOC_Os08g24750	xyloglucan fucosyltransferase	0.47194	2.18174
LOC_Os08g25624	phosphate/phosphate translocator	-0.5693	-2.1978
LOC_Os08g27150	chloroplastic group IIA intron splicing facilitator CRS1, chloroplast precursor	0.04312	-1.9919
LOC_Os08g28740	expressed protein	-0.4076	-1.557
LOC_Os08g28880	patatin	0.43026	1.57212
LOC_Os08g28970	expressed protein	0.19481	1.703
LOC_Os08g29600	seed maturation protein PM41	0.49892	-2.2921
LOC_Os08g29669	cytochrome b5-like Heme/Steroid binding domain containing protein	-0.4993	-1.6011
LOC_Os08g30100	1-aminocyclopropane-1-carboxylate oxidase homolog 1	0.51469	2.44485

LOC_Os08g30884	expressed	-0.9366	-1.6381
LOC_Os08g31250	C1-like domain containing protein	0.16688	4.45018
LOC_Os08g31580	ethylene-responsive transcription factor	0.60091	2.05715
LOC_Os08g31850	expressed protein	0.19597	3.50336
LOC_Os08g31860	expressed protein	0.26582	3.51243
LOC_Os08g32120	expressed protein	0.62759	-1.8823
LOC_Os08g33440	2-oxo acid dehydrogenases acyltransferase domain containing protein	-0.9797	-2.5
LOC_Os08g33540	ATP-dependent Clp protease adaptor protein ClpS containing protein	0.77037	-2.4254
LOC_Os08g34580	trehalose-6-phosphate synthase	0.11055	3.24711
LOC_Os08g34790	AMP-binding domain containing protein	-0.3744	1.66455
LOC_Os08g35050	ARID/BRIGHT DNA-binding domain containing protein	0.15758	1.60608
LOC_Os08g35700	Leucine Rich Repeat family protein	0.55057	1.73748
LOC_Os08g36310	cytochrome P450	-0.8617	-2.8476
LOC_Os08g37370	mitochondrial carrier protein	-0.9599	-3.1519
LOC_Os08g37456	flavonol synthase/flavanone 3-hydroxylase	0.18513	-1.8366
LOC_Os08g37580	homeobox associated leucine zipper	0.62217	-2.7102
LOC_Os08g37590	expressed protein	-0.8147	-2.6688
LOC_Os08g37660	plastocyanin-like domain containing protein	0.74797	4.35939
LOC_Os08g37690	expressed protein	0.97174	2.24388
LOC_Os08g38170	methyladenine glycosylase	-0.0179	-1.9774
LOC_Os08g38210	transcription factor BIM2	0.22983	1.90352
LOC_Os08g38400	oligopeptide transporter	-0.4485	-2.9289
LOC_Os08g38710	uncharacterized glycosyltransferase	-0.5625	4.02342
LOC_Os08g38820	transmembrane 9 superfamily member	-0.3431	-2.3924
LOC_Os08g38900	caffeoyl-CoA O-methyltransferase	-0.9053	-1.5124
LOC_Os08g38910	caffeoyl-CoA O-methyltransferase	0.98677	1.79537
LOC_Os08g38990	WRKY30	0.19095	-2.2189
LOC_Os08g40170	cyclin-dependent kinase B2-1	-0.7096	-1.6163
LOC_Os08g40590	oxysterol-binding protein	0.49539	3.24391
LOC_Os08g40830	pumilio domain-containing protein PPD1	0.68688	1.99349
LOC_Os08g40850	mitochondrial carrier protein	0.13725	2.39418
LOC_Os08g40940	expressed protein	0.5903	1.98943
LOC_Os08g40990	receptor-like protein kinase 1	0.23296	-1.5867
LOC_Os08g41720	auxin efflux carrier component	0.72869	2.99449

LOC_Os08g41730	peptidase, T1 family	0.87089	1.79974
LOC_Os08g41830	sulfite oxidase	-0.4319	-1.6017
LOC_Os08g42630	expressed protein	0.98591	3.0331
LOC_Os08g42750	CAMK_CAMK_like.37 - CAMK includes calcium/calmodulin depedent protein kinases	-0.29	1.69063
LOC_Os08g43120	Plant PDR ABC transporter associated domain containing protein	0.52305	2.59533
LOC_Os08g43300	UBX domain-containing protein	0.92973	1.74439
LOC_Os08g43480	zinc finger, C3HC4 type family protein	0.75157	1.73305
LOC_Os08g43580	acyl carrier protein	-0.4139	-1.5853
LOC_Os08g43670	RING-H2 finger protein ATL2B	0.77837	1.54622
LOC_Os08g44050	ZOS8-12 - C2H2 zinc finger protein	-0.2849	-1.9837
LOC_Os08g44200	ECT5	0.43625	1.58114
LOC_Os08g44450	L1P family of ribosomal proteins domain containing protein	-0.8159	-1.8795
LOC_Os08g45030	multidrug resistance protein	-0.2741	-1.7635
LOC_Os08g45130	histone-lysine N-methyltransferase	0.0241	-1.838
LOC_Os09g02130	expressed protein	-0.5202	-1.5664
LOC_Os09g04440	DNA-binding protein	-0.6143	-1.576
LOC_Os09g04924	expressed protein	-0.3232	-1.7202
LOC_Os09g04960	retrotransposon protein, unclassified	0.59461	1.7527
LOC_Os09g07150	expressed protein	0.34248	2.93937
LOC_Os09g07154	expressed protein	0.61461	2.41475
LOC_Os09g08160	plant protein of unknown function domain containing protein	-0.1707	-2.7631
LOC_Os09g09350	expressed protein	0.16336	-2.301
LOC_Os09g09830	heavy-metal-associated domain-containing protein	-0.2418	-1.7415
LOC_Os09g10910	fiber protein Fb34	-0.2701	-2.2539
LOC_Os09g12750	Myb-like DNA-binding domain containing protein	-0.9623	-1.6125
LOC_Os09g17329	expressed protein	-0.4452	-2.0161
LOC_Os09g18230	expressed protein	0.03864	-1.7834
LOC_Os09g19700	protein kinase domain containing protein	0.54874	1.79969
LOC_Os09g21660	expressed protein	0.76918	3.04782
LOC_Os09g21740	armadillo/beta-catenin repeat family protein	-0.9365	-1.74
LOC_Os09g23110	transporter family protein	-0.4434	-1.7119
LOC_Os09g23300	integral membrane protein	0.70147	-2.6527
LOC_Os09g23550	dehydrogenase	-0.5867	-2.1429
LOC_Os09g23570	inactive receptor kinase At2g26730 precursor	0.59623	2.87733

LOC_Os09g23780	expressed protein	0.7644	1.71722
LOC_Os09g24710	alpha/beta hydrolase fold	-0.4834	-2.1238
LOC_Os09g24820	ZF-HD protein dimerisation region containing protein	-0.8361	-1.9063
LOC_Os09g24840	GASR10 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor	-0.3398	-3.3977
LOC_Os09g24970	expressed protein	0.31072	1.79154
LOC_Os09g25950	regulator protein	-0.2715	-1.751
LOC_Os09g26370	DUF581 domain containing protein	0.93756	-2.0329
LOC_Os09g26590	OsSAUR37 - Auxin-responsive SAUR gene family member	0.86478	2.13141
LOC_Os09g26620	auxin-repressed protein	0.85989	-1.7099
LOC_Os09g26780	zinc-finger protein	-0.3907	1.87497
LOC_Os09g27010	tyrosine protein kinase domain containing protein	0.65836	2.24243
LOC_Os09g27050	HD domain containing protein	-0.1169	2.0545
LOC_Os09g27080	growth regulator related protein	-0.7061	-1.9392
LOC_Os09g27900	plastidic glucose transporter 1	-0.5006	-1.6922
LOC_Os09g27950	galactosyltransferase	-0.0297	3.15285
LOC_Os09g28000	OsSigP6 - Putative Type I Signal Peptidase homologue; employs a putative Ser/Lys catalytic dyad	0.20059	1.64068
LOC_Os09g28100	OsRhmbd15 - Putative Rhomboid homologue	-0.3121	-1.6893
LOC_Os09g28210	bHelix-loop-helix transcription factor	-0.3959	1.60573
LOC_Os09g28310	bZIP transcription factor	0.366	-1.7361
LOC_Os09g28600	expressed protein	-0.8639	-2.7861
LOC_Os09g28890	transposon protein, CACTA, En/Spm sub-class	-0.9015	-1.8748
LOC_Os09g29050	mitochondrial carrier protein	-0.6488	-1.8208
LOC_Os09g29130	ZF-HD protein dimerisation region containing protein	-0.6856	-1.9851
LOC_Os09g29430	citrate transporter	-0.3322	-2.2651
LOC_Os09g29460	homeobox associated leucine zipper	-0.5062	-3.0395
LOC_Os09g29480	2-aminoethanethiol dioxygenase	0.3415	2.60309
LOC_Os09g29490	peroxidase precursor	-0.6189	-2.3065
LOC_Os09g29584	OsWAK84 - OsWAK receptor-like protein OsWAK-RLP	0.03943	-1.7281
LOC_Os09g29710	beta-expansin precursor	-0.0294	1.57808
LOC_Os09g29940	auxin-independent growth promoter protein	0.01555	1.50815
LOC_Os09g30411	UBX domain-containing protein	0.52624	2.78999
LOC_Os09g31031	ubiquitin family protein	0.86114	2.23136
LOC_Os09g31120	pirin	-0.0791	3.62158
LOC_Os09g31400	ethylene-insensitive 3	0.81472	2.19888

LOC_Os09g31970	3-hydroxy-3-methylglutaryl-coenzyme A reductase	0.63741	3.34966
LOC_Os09g32100	expressed protein	0.09269	-1.6183
LOC_Os09g32260	no apical meristem protein	0.50988	1.66318
LOC_Os09g32640	dehydrogenase	-0.5341	-1.9748
LOC_Os09g32820	uridine/cytidine kinase-like 1	0.23763	-1.5038
LOC_Os09g33800	arabinogalactan protein	0.7359	1.57349
LOC_Os09g34160	resistance protein	-0.3305	4.67186
LOC_Os09g34180	formin	-0.2391	-3.4216
LOC_Os09g34860	hydrolase, alpha/beta fold family domain containing protein	0.9279	2.26301
LOC_Os09g35010	dehydration-responsive element-binding protein	0.38853	2.20332
LOC_Os09g35800	UDP-glucose 4-epimerase	-0.4409	1.63992
LOC_Os09g36030	4-hydroxy-2-oxovalerate aldolase	-0.3593	-2.1941
LOC_Os09g36040	rhodanese-like domain containing protein	-0.8482	-2.3769
LOC_Os09g36440	transcription initiation factor IIB	0.59259	1.6688
LOC_Os09g36619	expressed protein	0.7117	1.95577
LOC_Os09g36680	ribonuclease T2 family domain containing protein	-0.1498	2.28376
LOC_Os09g37100	phospholipase D	0.24697	1.54224
LOC_Os09g37394	OsSAUR44 - Auxin-responsive SAUR gene family member	-0.0338	-1.9269
LOC_Os09g37480	OsSAUR53 - Auxin-responsive SAUR gene family member	0.15292	-1.5707
LOC_Os09g37620	flavin-containing monooxygenase family protein	-0.8575	-3.3299
LOC_Os09g38980	T-complex protein	0.90607	-1.7352
LOC_Os09g39310	expressed protein	-0.5737	-1.599
LOC_Os09g39390	oxidoreductase, aldo/keto reductase family protein	-0.9204	-1.8665
LOC_Os10g03600	OsFBX343 - F-box domain containing protein	-0.7871	-1.5637
LOC_Os10g03850	OsFBX352 - F-box domain containing protein	0.83712	2.398
LOC_Os10g04090	disease resistance RPP13-like protein 1	-0.6351	-1.5496
LOC_Os10g05230	zinc finger, C3HC4 type domain containing protein	-0.0293	1.70278
LOC_Os10g06630	peptidyl-prolyl cis-trans isomerase	0.59424	2.60766
LOC_Os10g06950	calcium-dependent protein kinase 12	0.82244	2.443
LOC_Os10g09930	expressed protein	-0.5741	-1.5678
LOC_Os10g14180	expressed protein	0.36521	1.72543
LOC_Os10g14920	integral membrane protein DUF6 containing protein	-0.1872	-2.1216
LOC_Os10g17489	UDP-glucoronosyl and UDP-glucosyl transferase domain containing protein	0.4218	2.0087
LOC_Os10g17990	phosphatidate cytidylyltransferase	0.07964	-1.7148

LOC_Os10g18070	expressed protein	-0.024	-1.7759
LOC_Os10g20350	MATE efflux family protein	0.19661	1.84297
LOC_Os10g21560	no apical meristem protein	0.45482	2.35336
LOC_Os10g21810	histidine kinase	-0.05	-2.1249
LOC_Os10g21860	expressed protein	-0.1643	-2.3924
LOC_Os10g22410	yippee zinc-binding protein	0.45106	-1.607
LOC_Os10g22460	expressed protein	0.0545	-1.9982
LOC_Os10g23220	GIL1	-0.6048	-1.5072
LOC_Os10g23310	transferase family protein	-0.2047	4.00106
LOC_Os10g23820	transferase family protein	-0.8505	1.66696
LOC_Os10g25010	OsCML8 - Calmodulin-related calcium sensor protein	0.83853	1.65808
LOC_Os10g26540	expressed protein	0.66899	1.69861
LOC_Os10g26570	phosphofructokinase	0.40638	1.91776
LOC_Os10g26720	exonuclease	0.60342	1.56711
LOC_Os10g27450	tetrapyrrole methylase family protein	-0.2547	-1.5672
LOC_Os10g28120	glycosyl hydrolase	-0.4623	4.30923
LOC_Os10g28240	calcium-transporting ATPase, plasma membrane-type	-0.4975	1.93538
LOC_Os10g28350	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase protein	-0.3666	2.17927
LOC_Os10g28360	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase protein	0.85279	-1.7705
LOC_Os10g28370	chlorophyllase-2, chloroplast precursor	-0.8607	-3.0269
LOC_Os10g28600	PPR repeat domain containing protein	-0.8634	-1.8209
LOC_Os10g29660	TATA-binding protein	0.85616	1.99343
LOC_Os10g30150	universal stress protein domain containing protein	-0.3191	1.5009
LOC_Os10g30870	expressed protein	-0.9676	-1.948
LOC_Os10g31030	EMB1691	-0.2775	-1.6816
LOC_Os10g32470	expressed protein	-0.5804	-1.5078
LOC_Os10g32700	hypersensitive-induced response protein	0.44862	4.30869
LOC_Os10g32870	L11 domain containing ribosomal protein	-0.1897	-1.9448
LOC_Os10g32990	receptor-like protein kinase 2 precursor	0.69102	2.16712
LOC_Os10g33700	PPR repeat containing protein	0.07392	-2.5858
LOC_Os10g34170	glutaredoxin domain containing protein	0.36887	2.09405
LOC_Os10g34440	expressed protein	-0.1004	1.79653
LOC_Os10g34480	cytochrome P450	-0.066	-2.1815
LOC_Os10g34910	secretory protein	0.67907	4.41876

LOC_Os10g34930	secretory protein	0.51746	4.36566
LOC_Os10g35050	aquaporin protein	0.30863	2.55123
LOC_Os10g36100	LTPL157 - Protease inhibitor/seed storage/LTP family protein precursor	0.03125	1.53017
LOC_Os10g36490	HEAT repeat family protein	0.03497	-1.5183
LOC_Os10g36690	dehydration response related protein	0.45159	1.54259
LOC_Os10g37034	cytochrome P450	-0.977	-1.5112
LOC_Os10g37350	expressed protein	0.2991	2.05979
LOC_Os10g37490	DNA excision repair protein ERCC-1	0.05927	-1.556
LOC_Os10g37760	OsRhmbd17 - Putative Rhomboid homologue	0.06446	1.82001
LOC_Os10g37870	expressed protein	-0.0807	-1.783
LOC_Os10g38060	phospholipase D	0.65643	2.50232
LOC_Os10g38110	cytochrome P450	-0.4611	-1.9333
LOC_Os10g38690	glutathione S-transferase	0.70978	1.77099
LOC_Os10g38820	bZIP family transcription factor	0.36506	1.68864
LOC_Os10g39090	hydrolase, alpha/beta fold family protein	-0.7908	2.74694
LOC_Os10g39140	flavonol synthase/flavanone 3-hydroxylase	-0.4311	2.67492
LOC_Os10g39440	transporter family protein	-0.2769	-3.1757
LOC_Os10g39870	ATG1	0.47021	2.2413
LOC_Os10g40200	aminotransferase domain containing protein	-0.0231	-1.6298
LOC_Os10g40490	U-box domain containing protein	0.12255	3.37336
LOC_Os10g40640	glycosyl transferase 8 domain containing protein	-0.0633	3.77743
LOC_Os10g40700	expansin precursor	-0.2112	-1.9039
LOC_Os10g40720	expansin precursor	-0.5529	-2.5836
LOC_Os10g40730	expansin precursor	0.37351	-2.1954
LOC_Os10g40824	expressed protein	-0.2989	-1.5568
LOC_Os10g41060	expressed protein	0.93416	-2.6416
LOC_Os10g41100	CCT motif family protein	-0.7835	-1.8812
LOC_Os10g41290	AGC_PVPK_like_kin82y.17 - ACG kinases include homologs to PKA, PKG and PKC	-0.3819	-1.5683
LOC_Os10g41330	AP2 domain containing protein	0.52402	1.93467
LOC_Os10g41360	ARABIDILLO-1	0.77409	1.88635
LOC_Os10g41490	CAMK_CAMK_like.41 - CAMK includes calcium/calmodulin depedent protein kinases	0.43309	-1.5373
LOC_Os10g41749	crcB-like protein	0.76224	-2.1617
LOC_Os10g41780	chlorophyllide a oxygenase, chloroplast precursor	0.04535	-2.2543
LOC_Os10g42130	no apical meristem protein	-0.9207	2.9824

LOC_Os10g42280	cyclase/dehydrase family protein	-0.4841	-1.6307
LOC_Os10g42690	jmjC domain containing protein	-0.1217	2.22132
LOC_Os10g42790	cytidylyltransferase domain containing protein	-0.4363	-1.7965
LOC_Os10g42860	ribosomal protein L35	0.27323	-2.1262
LOC_Os10g43050	OsClp11 - Putative Clp protease homologue	-0.4668	-1.6027
LOC_Os11g01450	phosphatidate cytidylyltransferase	-0.5307	-2.3784
LOC_Os11g02130	peroxidase precursor	0.39825	1.55758
LOC_Os11g02369	LTPL7 - Protease inhibitor/seed storage/LTP family protein precursor	-0.8406	-2.8321
LOC_Os11g02570	esterase	0.90568	2.30783
LOC_Os11g02840	protein kinase	-0.8455	-1.6114
LOC_Os11g03130	E2F-related protein	0.49305	3.14316
LOC_Os11g03310	no apical meristem protein	0.8784	1.94004
LOC_Os11g03420	ZF-HD protein dimerisation region containing protein	0.94179	2.79065
LOC_Os11g03450	expressed protein	0.59376	1.68661
LOC_Os11g03580	expressed protein	0.08972	-1.9487
LOC_Os11g03900	glucosamine--fructose-6-phosphate aminotransferase 1	-0.2274	1.9737
LOC_Os11g04070	60S acidic ribosomal protein P0	-0.1743	-1.6403
LOC_Os11g04894	expressed protein	-0.5866	-1.6372
LOC_Os11g05050	stem-specific protein TSJT1	-0.8961	-2.9556
LOC_Os11g05260	phosphoglycerate mutase	-0.86	-1.5921
LOC_Os11g05410	Ser/Thr protein phosphatase family protein	-0.0026	2.30819
LOC_Os11g05530	expressed protein	-0.2166	3.24408
LOC_Os11g05660	OsFBX396 - F-box domain containing protein	-0.5945	2.5605
LOC_Os11g05930	response regulator receiver domain containing protein	0.10613	1.76153
LOC_Os11g06090	expressed protein	0.6851	1.9557
LOC_Os11g06150	basic proline-rich protein precursor	0.05788	2.72442
LOC_Os11g06290	expressed protein	-0.8739	-1.7103
LOC_Os11g06910	myosin heavy chain-related	-0.6418	-2.0466
LOC_Os11g07440	plant neutral invertase domain containing protein	0.41182	3.42348
LOC_Os11g07450	zinc finger, C3HC4 type domain containing protein	0.80503	1.64376
LOC_Os11g08100	eukaryotic aspartyl protease domain containing protein	-0.2363	1.89607
LOC_Os11g08940	RNA polymerases N 8 kDa subunit	-0.1838	-2.0214
LOC_Os11g09140	DUF803 domain containing	-0.7759	-2.6671
LOC_Os11g09150	expressed protein	-0.7801	-2.1327

LOC_Os11g09180	expressed protein	0.03623	2.52803
LOC_Os11g09864	wali7	0.46913	-1.5914
LOC_Os11g09990	mTERF family protein	0.26974	-1.5926
LOC_Os11g10480	dehydrogenase	0.2062	2.41009
LOC_Os11g10760	NBS-LRR disease resistance protein	0.65008	1.54302
LOC_Os11g11050	initiation factor 2 subunit family domain containing protein	-0.1589	-1.611
LOC_Os11g12330	disease resistance protein RPM1	-0.8349	1.69201
LOC_Os11g16530	mal	-0.7061	-1.7604
LOC_Os11g16580	endonuclease III-like protein 1	0.53074	-1.5363
LOC_Os11g17720	plant protein of unknown function domain containing protein	0.12924	-2.335
LOC_Os11g18170	glutathione peroxidase	-0.429	-1.5546
LOC_Os11g19340	lipase	0.73708	1.56283
LOC_Os11g19840	O-methyltransferase	0.59358	1.79043
LOC_Os11g24570	PPR repeat domain containing protein	0.35344	-1.634
LOC_Os11g26850	erythronate-4-phosphate dehydrogenase	-0.3225	-2.37
LOC_Os11g26880	RALFL14 - Rapid ALkalinization Factor RALF family protein precursor	-0.6748	-1.8363
LOC_Os11g27730	cytochrome P450	-0.5846	-2.6313
LOC_Os11g28600	expressed protein	-0.0447	-1.699
LOC_Os11g29120	growth regulator related protein	-0.5257	-1.6655
LOC_Os11g30500	HVA22	0.74619	-1.7979
LOC_Os11g30620	expressed protein	0.68564	1.55377
LOC_Os11g31640	serine palmitoyltransferase 2	0.26103	2.0651
LOC_Os11g31900	acyl carrier protein	-0.5624	1.51596
LOC_Os11g31940	GDSL-like lipase/acylhydrolase	0.12649	-1.8072
LOC_Os11g32380	expressed protein	0.58403	1.94198
LOC_Os11g32880	DEAD-box ATP-dependent RNA helicase	-0.326	-1.5175
LOC_Os11g33050	expressed protein	-0.9047	2.02003
LOC_Os11g35090	kinesin motor domain containing protein	0.9251	1.82664
LOC_Os11g36030	protein binding protein	0.52991	2.40368
LOC_Os11g36050	prefoldin subunit	-0.6867	-1.9122
LOC_Os11g36190	receptor kinase	0.99423	1.53806
LOC_Os11g37130	mttA/Hcf106 family protein	-0.7097	-2.0608
LOC_Os11g37700	pleiotropic drug resistance protein	0.89223	3.16199
LOC_Os11g37730	glutathione S-transferase, N-terminal domain containing protein	0.59706	1.86128

LOC_Os11g38030	CDK5RAP1	-0.7863	-1.6032
LOC_Os11g38640	expressed protein	0.94448	3.48886
LOC_Os11g38650	UDP-glucoronosyl/UDP-glucosyl transferase	-0.434	2.06959
LOC_Os11g38800	zinc finger family protein	0.36995	1.52827
LOC_Os11g38930	tRNA-splicing endonuclease subunit Sen2	-0.5048	-1.5676
LOC_Os11g39640	zinc finger, C3HC4 type domain containing protein	-0.8945	-1.7228
LOC_Os11g40390	expressed protein	-0.0569	-2.0091
LOC_Os11g40610	EARLY flowering protein	-0.3545	-1.7676
LOC_Os11g41210	disease resistance protein RPM1	0.86022	1.50717
LOC_Os11g41710	cytochrome P450	-0.8823	-1.9341
LOC_Os11g42790	transporter, monovalent cation:proton antiporter-2 family	-0.706	1.52401
LOC_Os11g42960	integral membrane protein TIGR01569 containing protein	-0.611	-1.6462
LOC_Os11g43610	oxidoreductase, 2OG-Fe oxygenase family protein	-0.014	-1.5698
LOC_Os11g43860	sodium/calcium exchanger protein	-0.5686	-1.9497
LOC_Os11g44800	expressed protein	-0.9461	-1.689
LOC_Os11g44940	seed maturation protein PM27	0.85385	2.04356
LOC_Os11g47030	receptor protein kinase	-0.4396	-1.5906
LOC_Os11g47120	DEFL48 - Defensin and Defensin-like DEFL family	-0.9978	-1.9638
LOC_Os11g47460	MYB family transcription factor	-0.0371	-1.7508
LOC_Os11g47670	thaumatin family domain containing protein	0.01513	-1.6974
LOC_Os11g47800	spo0B-associated GTP-binding protein	-0.0322	-2.1909
LOC_Os11g47840	OsRhmbd18 - Putative Rhomboid homologue	0.44825	2.1777
LOC_Os11g47870	GRAS family transcription factor domain containing protein	0.05685	2.1543
LOC_Os11g48020	fatty acid hydroxylase	0.29463	-2.0529
LOC_Os11g48070	GDSL-like lipase/acylhydrolase	-0.7799	-1.5399
LOC_Os12g01140	AGC_PVPK_like_kin82y.2 - ACG kinases include homologs to PKA, PKG and PKC	-0.8868	-1.9189
LOC_Os12g01580	MATE efflux protein	-0.0758	-2.0961
LOC_Os12g02080	peroxidase precursor	0.15439	1.66049
LOC_Os12g02500	esterase	0.11251	1.73973
LOC_Os12g02880	E2F-related protein	0.33012	2.51185
LOC_Os12g03080	rp3 protein	-0.0293	-2.1685
LOC_Os12g03260	MATE efflux family protein	-0.9764	-2.4641
LOC_Os12g03720	glucosamine--fructose-6-phosphate aminotransferase 1	-0.0035	2.40077
LOC_Os12g04150	alpha/beta hydrolase fold	-0.1176	2.45166

LOC_Os12g04650	zinc finger, C3HC4 type domain containing protein	-0.0998	-1.9176
LOC_Os12g05110	pyruvate kinase	0.25827	1.83443
LOC_Os12g05210	expressed protein	-0.2479	1.87851
LOC_Os12g05310	retrotransposon protein, unclassified	0.17014	-1.5679
LOC_Os12g05320	expressed protein	-0.1166	-2.1267
LOC_Os12g05540	Ser/Thr protein phosphatase family protein	0.85449	1.57956
LOC_Os12g05660	dual specificity protein phosphatase	0.12375	-1.5208
LOC_Os12g06150	DUF623 domain containing protein	-0.902	-2.1059
LOC_Os12g06440	expressed protein	0.14272	1.54952
LOC_Os12g06550	expressed protein	0.59674	2.10732
LOC_Os12g06630	OsFBT14 - F-box and tubby domain containing protein	0.79193	1.65313
LOC_Os12g06850	transcription elongation factor protein	-0.6215	-1.8565
LOC_Os12g06910	nucleolar protein family 6	-0.4651	-1.8527
LOC_Os12g07030	expressed protein	0.61792	4.24458
LOC_Os12g07190	CBS domain-containing protein	0.08929	-2.0007
LOC_Os12g07260	PPR repeat domain containing protein	-0.7402	-1.9569
LOC_Os12g07300	N-acetyltransferase 10	-0.7153	-1.5145
LOC_Os12g08700	expressed protein	0.28795	1.72827
LOC_Os12g08830	thylakoid lumenal 29.8 kDa protein	-0.5602	-1.9769
LOC_Os12g09300	amino acid transporter	0.1055	-2.5573
LOC_Os12g09660	expressed protein	0.29699	-1.7077
LOC_Os12g09790	cytochrome P450	-0.2015	-1.5705
LOC_Os12g12130	verticillium wilt disease resistance protein	-0.7757	-2.6086
LOC_Os12g15530	retrotransposon protein, unclassified	0.77196	3.18205
LOC_Os12g16010	sex determination protein tasselseed-2	0.50901	-2.62
LOC_Os12g16410	isoflavone reductase	-0.4127	-1.5947
LOC_Os12g22010	expressed	-0.2613	-1.5102
LOC_Os12g23190	tyrosine phosphatase family protein	0.56995	1.89548
LOC_Os12g23460	expressed protein	0.66989	1.51112
LOC_Os12g24490	zinc finger, C3HC4 type domain containing protein	-0.3106	2.54407
LOC_Os12g24650	leucine aminopeptidase, chloroplast precursor	0.41103	2.18613
LOC_Os12g25180	expressed protein	-0.9084	-1.9274
LOC_Os12g26960	THION34 - Plant thionin family protein precursor	0.00502	2.03662
LOC_Os12g28590	ATPase 2	0.21424	2.17462

LOC_Os12g29350	ATP binding protein	-0.4743	-2.2421
LOC_Os12g29990	O-sialoglycoprotein endopeptidase	-0.6514	-1.5593
LOC_Os12g31810	cyclin	0.7864	2.34055
LOC_Os12g31820	phosphoserine phosphatase, chloroplast precursor	-0.7417	-2.1834
LOC_Os12g31860	ureide permease	-0.8262	-1.5251
LOC_Os12g32190	expressed protein	0.38725	2.35503
LOC_Os12g35480	expressed protein	0.55624	1.86672
LOC_Os12g36110	calmodulin binding protein	-0.7518	3.73692
LOC_Os12g36770	lipase class 3 family protein	0.476	1.61824
LOC_Os12g37100	pentatricopeptide repeat domain containing protein	-0.3903	-1.6927
LOC_Os12g37320	lipoxygenase 2.2, chloroplast precursor	0.49279	1.56699
LOC_Os12g37370	DNA-directed RNA polymerase II subunit RPB9	-0.8966	-1.9358
LOC_Os12g37410	CPuORF5 - conserved peptide uORF-containing transcript	0.56453	1.66208
LOC_Os12g37530	expressed protein	-0.5556	-2.137
LOC_Os12g37690	MYB family transcription factor	0.64634	2.49686
LOC_Os12g37860	expressed protein	0.88757	2.03104
LOC_Os12g37939	unc-93 homolog A	-0.9673	-1.8031
LOC_Os12g38051	metallothionein	0.68218	6.29484
LOC_Os12g38064	expressed	0.48753	3.44103
LOC_Os12g38250	expressed protein	0.90942	1.73839
LOC_Os12g38300	metallothionein	0.50252	3.41535
LOC_Os12g38490	SCARECROW	0.63637	1.50571
LOC_Os12g38630	asparagine synthase family protein	0.50514	-1.728
LOC_Os12g38730	expressed protein	-0.6713	-1.6857
LOC_Os12g38920	heparanase-like protein precursor	-0.8824	1.52409
LOC_Os12g39110	zinc finger, C3HC4 type domain containing protein	0.80355	1.86179
LOC_Os12g39160	expressed protein	-0.3855	-1.5944
LOC_Os12g39240	cytochrome P450	-0.3704	-1.9669
LOC_Os12g39380	BTBN24 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic hypocotyl 3 NPH3 domain	-0.5801	-1.6354
LOC_Os12g39420	nucleobase-ascorbate transporter	0.33574	1.5721
LOC_Os12g39630	CAMK_CAMK_like.49 - CAMK includes calcium/calmodulin depedent protein kinases	-0.9107	1.50211
LOC_Os12g40419	protein kinase domain containing protein	0.36014	2.15904
LOC_Os12g41810	expressed protein	-0.7148	-1.9261
LOC_Os12g41830	Methyltransferase small domain containing protein	-0.133	-1.9606

LOC_Os12g42230	transketolase	-0.1633	-2.2106
LOC_Os12g42850	amino acid permease	0.73138	1.68219
LOC_Os12g42860	2-aminoethanethiol dioxygenase	-0.0314	1.66239
LOC_Os12g42884	5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase	-0.3144	-1.5928
LOC_Os12g42960	expressed protein	-0.0274	-1.5929
LOC_Os12g43490	thaumatin	-0.3117	2.45205
LOC_Os12g43550	ras-related protein	0.38523	1.60928
LOC_Os12g44110	ligA	0.0834	-1.5149
LOC_Os12g44220	ATPase 2	0.40799	1.61795
LOC_Os12g44330	serine/threonine-protein kinase PRP4	0.82846	1.61506

Supplementary Table 3. Functional overview of genes significantly changed on the different metabolic pathways

Functional categories	TIGR_Locus IDs	Annotation	Log 2 Fold change MSP1 6h_control	Log 2 Fold change MSP1 24h_control
	LOC_Os04g43650.1	L-allo-threonine aldolase	3.8129	4.61881
	LOC_Os05g39770.1	aminotransferase	2.44456	4.39248
	LOC_Os10g37340.1	cystathionine gamma-synthase	3.53636	4.33946
	LOC_Os05g51390.1	uncharacterized protein PA4923	1.67077	4.08529
	LOC_Os02g02210.1	aminotransferase	1.27907	3.87161
	LOC_Os03g14370.1	ACT domain containing protein	1.24884	3.75891
	LOC_Os10g40360.1	proline oxidase, mitochondrial precursor	2.90758	3.70478
	LOC_Os03g12890.1	aminotransferase domain containing protein	5.32515	3.34443
	LOC_Os08g32850.1	methylcrotonoyl-CoA carboxylase beta chain, mitochondrial precursor	1.91389	2.95096
	LOC_Os03g10050.1	serine acetyltransferase protein	1.96153	2.91525
	LOC_Os12g41250.1	methylcrotonoyl-CoA carboxylase subunit alpha, mitochondrial precursor	2.24773	2.80517
	LOC_Os03g08660.1	serine acetyltransferase protein	1.40732	2.63149
	LOC_Os09g29480.1	2-aminoethanethiol dioxygenase	0.3415	2.60309
	LOC_Os06g01360.1	homogentisate 1,2-dioxygenase	2.27276	2.41919
	LOC_Os03g13300.1	glutamate decarboxylase	-0.8072	2.36154
	LOC_Os08g34290.1	chorismate mutase, chloroplast precursor	1.72893	2.32015
	LOC_Os03g12110.1	homocysteine S-methyltransferase protein	0.79472	2.29505
	LOC_Os01g52260.1	serine acetyltransferase protein	2.45009	2.15736
	LOC_Os02g07044.1	rhodanese-like domain containing protein	0.93112	2.10503
	LOC_Os04g32110.1	ACT domain containing protein	0.80241	2.09775
	LOC_Os02g57090.1	anthranilate phosphoribosyltransferase	0.82423	2.0899
	LOC_Os03g15780.1	anthranilate synthase component I-1, chloroplast precursor	-0.226	2.0506
	LOC_Os09g32290.1	FAD dependent oxidoreductase domain containing protein	5.03694	2.04297
	LOC_Os03g07570.1	aminotransferase	0.24231	1.77007
	LOC_Os07g42960.1	phospho-2-dehydro-3-deoxyheptonate aldolase, chloroplast precursor	-0.2579	1.75095
	LOC_Os03g09910.1	aminotransferase, classes I and II, domain containing protein	-1.2005	1.68057
	LOC_Os12g42860.1	2-aminoethanethiol dioxygenase	-0.0314	1.66239
	LOC_Os04g52450.1	aminotransferase	1.94717	1.6529
	LOC_Os02g04170.1	L-aspartate oxidase 1	-0.6438	1.63872
	LOC_Os05g45300.1	enoyl-CoA hydratase/isomerase family protein	1.44753	1.6387
	LOC_Os07g49390.1	P-protein	0.56758	1.63532
	LOC_Os02g16630.1	tryptophan biosynthesis protein trpCF	0.5822	1.58525
	LOC_Os10g25130.1	aminotransferase, classes I and II, domain containing protein	1.52058	1.58302
	LOC_Os03g06200.1	aminotransferase	0.6213	1.5122
	LOC_Os01g16350.1	hydroxymethylglutaryl-CoA lyase	2.10786	1.38667
Amino acid metabolism(72)	LOC_Os07g09060.1	aldehyde dehydrogenase	1.86396	1.37627
	LOC_Os12g04440.1	2-isopropylmalate synthase B	1.9118	1.28258
	LOC_Os04g55720.1	D-3-phosphoglycerate dehydrogenase, chloroplast precursor	1.78838	1.16512
	LOC_Os03g44150.1	aminotransferase	2.22422	1.0797
	LOC_Os08g37790.1	phospho-2-dehydro-3-deoxyheptonate aldolase, chloroplast precursor	2.36064	0.83051
	LOC_Os03g40100.1	ACT domain containing protein	1.86251	-0.4648
	LOC_Os01g59920.1	cysteine synthase, chloroplast precursor	-1.5568	-0.5997
	LOC_Os01g74650.1	cysteine synthase, mitochondrial precursor	-1.7114	-0.6294
	LOC_Os10g25140.1	aminotransferase, classes I and II, domain containing protein	-2.9188	-0.7678
	LOC_Os03g17120.1	arginine biosynthesis bifunctional protein argJ 1	-2.033	-0.7717
	LOC_Os07g20544.1	aspartokinase, chloroplast precursor	-2.5072	-1.3126
	LOC_Os06g36840.1	cysteine synthase	-2.3931	-1.4914
	LOC_Os06g43800.1	methyltransferase domain containing protein	-0.9426	-1.5187
	LOC_Os01g70300.1	aspartokinase 3, chloroplast precursor	-0.9701	-1.5404
	LOC_Os04g46930.1	serine racemase	-0.4299	-1.5663
	LOC_Os12g42884.1	5-methyltetrahydropteroyltriglutamate--homocysteine methyltransferase	-0.3144	-1.5928

	LOC_Os10g40200.1	aminotransferase domain containing protein	-0.0231	-1.6298
	LOC_Os08g42100.1	ACT domain containing protein	-1.1701	-1.6506
	LOC_Os04g59520.1	anthranilate phosphoribosyltransferase	-1.7878	-1.6513
	LOC_Os08g36320.1	decarboxylase	-3.0316	-1.7058
	LOC_Os12g38630.1	asparagine synthase family protein	0.50514	-1.728
	LOC_Os02g55420.1	aminotransferase, classes I and II, domain containing protein	-1.0206	-1.7369
	LOC_Os02g08410.1	chorismate mutase, chloroplast precursor	-0.8057	-1.7432
	LOC_Os04g52710.1	imidazoleglycerol-phosphate dehydratase	-0.7798	-1.8051
	LOC_Os12g03190.1	bifunctional aspartokinase/homoserine dehydrogenase	-1.0854	-1.8747
	LOC_Os11g03470.1	bifunctional aspartokinase/homoserine dehydrogenase	-1.179	-1.8949
	LOC_Os02g24020.1	dihydrodipicolinate reductase	-1.2865	-1.9117
	LOC_Os12g31820.1	phosphoserine phosphatase, chloroplast precursor	-0.7417	-2.1834
	LOC_Os08g14440.1	uridylyltransferase-related	-2.1168	-2.2201
	LOC_Os08g31750.1	methyltransferase	-1.4181	-2.2222
	LOC_Os07g01760.1	aminotransferase, classes I and II, domain containing protein	-2.1787	-2.2943
	LOC_Os01g01302.1	shikimate kinase	-2.5017	-2.4144
	LOC_Os03g14120.1	dihydrodipicolinate reductase	-1.5031	-2.454
	LOC_Os04g53230.1	aminomethyltransferase	-2.6778	-2.4967
	LOC_Os03g02690.1	dihydrodipicolinate reductase	-3.1724	-2.5144
	LOC_Os09g12290.1	bifunctional aspartokinase/homoserine dehydrogenase, chloroplast precursor	-2.6712	-3.2654
	LOC_Os03g62670.1	expressed protein	-2.1167	-5.8637
C1-metabolism(7)	LOC_Os05g35440.1	serine hydroxymethyltransferase, mitochondrial precursor	1.56844	2.50158
	LOC_Os10g35940.1	folylpolyglutamate synthetase	-1.4535	-1.5503
	LOC_Os05g05830.1	bifunctional protein folD	-1.4474	-1.8808
	LOC_Os11g26860.1	serine hydroxymethyltransferase, mitochondrial precursor	-1.4348	-2.2876
	LOC_Os06g29220.1	erythronate-4-phosphate dehydrogenase domain containing protein	1.66916	0.67302
	LOC_Os02g52450.1	regulator of ribonuclease	-2.2761	-0.9084
	LOC_Os09g27420.1	formate--tetrahydrofolate ligase	-1.7213	-1.2962
Calvin cycle(19)	LOC_Os08g02700.1	fructose-bisphospate aldolase isozyme	1.1778	2.58468
	LOC_Os01g19740.1	calvin cycle protein CP12	-0.2049	-1.7803
	LOC_Os04g16680.1	fructose-1,6-bisphosphatase	-3.0154	-2.1211
	LOC_Os02g47020.1	phosphoribulokinase/Uridine kinase family protein	-3.0501	-2.1674
	LOC_Os09g36450.1	triosephosphate isomerase, chloroplast precursor	-3.0686	-2.2239
	LOC_Os11g47980.1	expressed protein	-3.1979	-2.2965
	LOC_Os06g04270.1	transketolase, chloroplast precursor	-2.6613	-2.5291
	LOC_Os03g03720.1	glyceraldehyde-3-phosphate dehydrogenase	-2.9812	-2.6063
	LOC_Os04g38600.1	glyceraldehyde-3-phosphate dehydrogenase	-3.5605	-2.4483
	LOC_Os06g40640.1	fructose-bisphospate aldolase isozyme	-4.0861	-2.465
	LOC_Os01g64660.1	fructose-1,6-bisphosphatase	-3.8694	-2.9039
	LOC_Os03g16050.1	fructose-1,6-bisphosphatase	-4.1849	-2.9184
	LOC_Os12g19381.1	ribulose bisphosphate carboxylase small chain, chloroplast precursor	-1.7641	-1.0325
	LOC_Os04g56320.1	AAA-type ATPase family protein	-1.6487	-1.1735
	LOC_Os03g19380.1	calvin cycle protein CP12	-2.1068	-1.9997
	LOC_Os06g45370.1	fructose-1,6-bisphosphatase	-3.0917	-1.6629
	LOC_Os11g47970.1	AAA-type ATPase family protein	-2.5967	-1.5126
	LOC_Os05g41640.1	phosphoglycerate kinase protein	-2.7522	-1.5806
	LOC_Os12g19470.1	ribulose bisphosphate carboxylase small chain, chloroplast precursor	-2.5488	-1.2501
	LOC_Os10g26940.1	BURP domain containing protein	4.72758	-1.6714
	LOC_Os11g44950.1	glycosyl hydrolase family 3 protein	3.7439	5.90759
	LOC_Os01g06580.1	fasciclin domain containing protein	-0.6315	2.5712
	LOC_Os10g35460.1	COBRA	-1.6492	2.10147
	LOC_Os07g09670.1	galactosyltransferase family protein	-1.0104	2.03581
	LOC_Os05g46510.1	polygalacturonase	-0.0159	2.60135
	LOC_Os02g54890.1	UDP-glucuronate 4-epimerase	0.0727	2.59721
	LOC_Os04g38560.1	pectinesterase	0.60704	2.44804
	LOC_Os03g57490.1	fasciclin domain containing protein	0.5099	2.41967
	LOC_Os08g24750.1	xyloglucan fucosyltransferase	0.47194	2.18174
	LOC_Os05g01444.1	polygalacturonase inhibitor precursor	0.53443	1.78318

	LOC_Os01g43490.1	polygalacturonase	0.43248	1.54734
	LOC_Os09g35800.1	UDP-glucose 4-epimerase	-0.4409	1.63992
	LOC_Os05g07060.1	fasciclin domain containing protein	-0.6519	1.52235
	LOC_Os09g29710.1	beta-expansin precursor	-0.0294	1.57808
	LOC_Os05g23350.1	glycosyl hydrolase family 10 protein	-0.1099	1.51805
	LOC_Os04g51510.1	glycosyl hydrolases family 16	-0.1238	1.50124
	LOC_Os03g56060.1	CSLC9 - cellulose synthase-like family C	1.806	4.28571
	LOC_Os03g61270.1	OsMan04 - Endo-Beta-Mannanase	1.70842	3.97
	LOC_Os01g20980.1	pectinesterase	0.27614	4.39181
	LOC_Os05g51670.1	NAD dependent epimerase/dehydratase family protein	2.53609	2.98773
	LOC_Os06g22919.1	DEFL9 - Defensin and Defensin-like DEFL family	3.01279	2.58184
	LOC_Os03g18910.1	COBRA-like protein 7 precursor	1.08708	3.24881
	LOC_Os03g53800.1	periplasmic beta-glucosidase precursor	1.63922	2.737
	LOC_Os01g03710.1	mannose-6-phosphate isomerase	1.167	2.59182
	LOC_Os02g04840.1	GHMP kinases ATP-binding protein	1.3684	2.00123
	LOC_Os09g34920.1	glycosyl hydrolase family 29	1.07227	2.17059
	LOC_Os04g52730.1	NAD dependent epimerase/dehydratase family domain containing protein	0.71033	2.06833
	LOC_Os02g35020.1	glycosyl transferase	0.74212	2.02657
	LOC_Os02g52560.1	xyloglucan fucosyltransferase	0.97093	1.89717
	LOC_Os01g57854.1	pectinesterase	1.6473	1.65062
	LOC_Os03g63760.1	glycosyl hydrolases family 16	1.69956	1.35124
	LOC_Os08g37930.1	beta-expansin precursor	-4.6742	-5.463
	LOC_Os09g30120.1	CSLE1 - cellulose synthase-like family E	1.3837	-1.9874
Cell wall(68)	LOC_Os05g02120.1	pectinacetylesterase domain containing protein	0.10642	-1.5602
	LOC_Os07g38130.1	polygalacturonase inhibitor 1 precursor	-0.4776	-1.8365
	LOC_Os03g01270.1	expansin precursor	-0.1299	-1.8507
	LOC_Os01g44250.1	CBS domain containing membrane protein	-0.2165	-1.8647
	LOC_Os10g40700.1	expansin precursor	-0.2112	-1.9039
	LOC_Os10g40730.1	expansin precursor	0.37351	-2.1954
	LOC_Os06g50960.1	expansin precursor	-0.7556	-1.6756
	LOC_Os05g08770.1	uncharacterized protein At4g06744 precursor	-1.1442	-1.6344
	LOC_Os04g51460.1	glycosyl hydrolases family 16	-1.0012	-1.7417
	LOC_Os02g45540.1	synthase	-1.0244	-1.7824
	LOC_Os01g66850.1	pectinacetylesterase domain containing protein	-0.8389	-2.0386
	LOC_Os05g39990.1	expansin precursor	-0.8821	-2.1542
	LOC_Os10g40720.1	expansin precursor	-0.5529	-2.5836
	LOC_Os01g60770.1	expansin precursor	0.37489	-3.251
	LOC_Os07g47700.1	NAD dependent epimerase/dehydratase family domain containing protein	-3.1067	-2.235
	LOC_Os03g57460.1	fasciclin domain containing protein	-1.6891	-0.0315
	LOC_Os03g03600.1	fasciclin-like arabinogalactan protein	-1.828	-0.1553
	LOC_Os06g48180.1	glycosyl hydrolases family 16	-2.2427	-0.3157
	LOC_Os10g32980.1	CESA7 - cellulose synthase	-2.1002	-0.4586
	LOC_Os09g07350.1	fasciclin-like arabinogalactan protein 8 precursor	-2.1806	-0.5259
	LOC_Os07g06680.1	fasciclin domain containing protein	-2.31	-0.7755
	LOC_Os05g46520.1	polygalacturonase	-1.8939	-1.7731
	LOC_Os07g41360.1	alpha-1,4-glucan-protein synthase	-1.6273	-1.9263
	LOC_Os02g51060.1	CSLA6 - cellulose synthase-like family A; mannan synthase	-1.6046	-2.2451
	LOC_Os07g29290.1	expansin precursor	-1.2764	-2.2054
	LOC_Os08g23180.1	fasciclin-like arabinogalactan protein 8 precursor	-1.8907	-0.7672
	LOC_Os07g10770.1	CESA8 - cellulose synthase	-1.7726	-0.8673
	LOC_Os10g42670.1	glycosyl hydrolases family 16	-1.6878	-0.9744
	LOC_Os02g09930.1	CSLA1 - cellulose synthase-like family A; mannan synthase	-1.7698	-0.9939
	LOC_Os01g43160.1	polygalacturonase	-1.6264	-1.123
	LOC_Os10g38040.1	lysM domain containing protein	-1.9109	-1.3007
	LOC_Os03g62090.1	CESA5 - cellulose synthase	-1.8393	-1.5068
	LOC_Os05g48900.1	fasciclin domain containing protein	-1.9418	-1.5703
	LOC_Os06g48160.1	glycosyl hydrolases family 16	-1.7365	-1.4212
	LOC_Os04g39420.1	6-phosphofructokinase 2	0.94613	1.65965
	LOC_Os10g26570.1	phosphofructokinase	0.40638	1.91776

	LOC_Os06g14510.1	glucose-6-phosphate isomerase	0.06446	1.59925
	LOC_Os11g05260.1	phosphoglycerate mutase	-0.86	-1.5921
Glycolysis(9)	LOC_Os06g05860.1	6-phosphofructokinase	-0.3566	-2.115
	LOC_Os05g07130.1	6PF-2-K/Fru-2,6-P2ASE liver isozyme	-2.0555	-1.9564
	LOC_Os01g13570.1	phosphoglycerate mutase	-1.6535	-1.933
	LOC_Os08g34050.1	phosphofructokinase	-1.3377	-1.8569
	LOC_Os06g04510.1	enolase	-1.4462	-2.4439
	LOC_Os06g11290.1	12-oxophytodienoate reductase	8.84219	10.2479
	LOC_Os06g39240.1	endothelial differentiation-related factor 1	4.97243	5.34706
	LOC_Os01g38580.1	beta,beta-carotene 9,10-dioxygenase	4.70773	3.29155
	LOC_Os03g18030.1	leucoanthocyanidin dioxygenase	3.86404	7.16888
	LOC_Os06g11200.1	12-oxophytodienoate reductase	3.80681	7.16756
	LOC_Os06g11210.1	12-oxophytodienoate reductase	4.03538	6.9785
	LOC_Os04g27060.1	oxidoreductase, aldo/keto reductase family protein	2.97374	6.5701
	LOC_Os07g22730.1	AP2 domain containing protein	3.11241	6.52806
	LOC_Os09g28440.1	AP2 domain containing protein	2.63387	5.46191
	LOC_Os04g48850.1	aminotransferase, classes I and II, domain containing protein	2.50959	5.45003
	LOC_Os03g49380.1	lipoxygenase	1.9165	5.41446
	LOC_Os02g12680.1	cytochrome P450	1.68402	4.94399
	LOC_Os07g05940.1	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	2.9885	4.19244
	LOC_Os02g42430.1	GEM	2.75861	4.13873
	LOC_Os01g32780.1	universal stress protein domain containing protein	3.25359	4.50152
	LOC_Os04g44510.1	GEM	3.34768	4.32899
	LOC_Os04g44500.1	GEM	3.48412	4.02313
	LOC_Os12g42280.1	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	2.26653	3.70406
	LOC_Os02g34260.1	AP2 domain containing protein	1.92696	3.57605
	LOC_Os08g42550.1	AP2 domain containing protein	2.13166	3.51322
	LOC_Os08g36920.1	AP2 domain containing protein	2.05428	3.45991
	LOC_Os05g12040.1	cytochrome P450 51	1.72912	3.42556
	LOC_Os01g55940.1	OsGH3.2 - Probable indole-3-acetic acid-amido synthetase	2.07341	3.1573
	LOC_Os12g43110.1	OsSAUR58 - Auxin-responsive SAUR gene family member	1.57847	4.26457
	LOC_Os02g43790.1	ethylene-responsive transcription factor	1.30338	4.29385
	LOC_Os04g49210.1	naringenin,2-oxoglutarate 3-dioxygenase	-2.5322	1.7798
	LOC_Os03g64260.1	AP2 domain containing protein	0.10842	4.66227
	LOC_Os07g40290.1	OsGH3.8 - Probable indole-3-acetic acid-amido synthetase	0.11775	3.67592
	LOC_Os03g28940.1	ZIM domain containing protein	1.14069	3.48471
	LOC_Os08g39850.1	lipoxygenase, chloroplast precursor	1.23899	3.24149
	LOC_Os03g19270.1	universal stress protein domain containing protein	0.79653	3.41281
	LOC_Os05g41760.1	AP2 domain containing protein	0.97637	3.05142
	LOC_Os03g03034.1	flavonol synthase/flavanone 3-hydroxylase	0.65814	3.21567
	LOC_Os08g41720.1	auxin efflux carrier component	0.72869	2.99449
	LOC_Os10g39140.1	flavonol synthase/flavanone 3-hydroxylase	-0.4311	2.67492
	LOC_Os07g18120.1	aldehyde oxidase	0.16971	2.64979
	LOC_Os02g42990.1	OsSAUR11 - Auxin-responsive SAUR gene family member	-0.0416	2.25271
	LOC_Os08g30100.1	1-aminocyclopropane-1-carboxylate oxidase homolog 1	0.51469	2.44485
	LOC_Os01g58420.1	AP2 domain containing protein	0.77471	2.41769
	LOC_Os04g37430.1	lipoxygenase protein	0.74083	2.28012
	LOC_Os02g43820.1	AP2 domain containing protein	1.10847	2.32179
	LOC_Os01g71310.1	cytokinin dehydrogenase precursor	1.04676	2.27019
	LOC_Os04g52090.1	AP2 domain containing protein	1.07382	2.18997
	LOC_Os09g26590.1	OsSAUR37 - Auxin-responsive SAUR gene family member	0.86478	2.13141
	LOC_Os09g35010.1	dehydration-responsive element-binding protein	0.38853	2.20332
	LOC_Os01g11150.1	gibberellin 2-beta-dioxygenase	0.26267	2.02355
	LOC_Os03g53270.1	stem-specific protein TSJT1	0.68142	2.00711
	LOC_Os02g52780.1	bZIP transcription factor	0.61995	1.97461
	LOC_Os10g41330.1	AP2 domain containing protein	0.52402	1.93467

	LOC_Os12g37320.1	lipoxygenase 2.2, chloroplast precursor	0.49279	1.56699
	LOC_Os03g41060.1	GASR2 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor	0.35186	1.52082
	LOC_Os04g57180.1	flavonol synthase/flavanone 3-hydroxylase	0.16317	1.62402
	LOC_Os05g41780.1	AP2 domain containing protein	0.04697	1.61789
	LOC_Os09g29940.1	auxin-independent growth promoter protein	0.01555	1.50815
	LOC_Os03g08860.1	GRAM domain containing protein	-0.3639	1.90086
	LOC_Os10g30150.1	universal stress protein domain containing protein	-0.3191	1.5009
	LOC_Os06g13560.1	SAM dependent carboxyl methyltransferase	2.8038	2.52987
	LOC_Os03g53900.1	universal stress protein domain containing protein	1.91205	2.21608
	LOC_Os01g61610.1	flavonol synthase/flavanone 3-hydroxylase	1.77753	2.6467
	LOC_Os03g12500.1	cytochrome P450	1.53592	2.50075
	LOC_Os07g12510.1	AP2 domain containing protein	1.3548	2.33822
	LOC_Os04g55070.1	gibberellin 20 oxidase 2	0.89457	1.79714
	LOC_Os01g27240.1	12-oxophytodienoate reductase	1.01498	1.71356
	LOC_Os07g07410.1	oxidoreductase, 2OG-Fe oxygenase family protein	0.78498	1.67656
	LOC_Os06g35900.1	BES1/BZR1 homolog protein	0.7858	1.6365
	LOC_Os03g55220.1	bHelix-loop-helix transcription factor	1.16632	1.5964
	LOC_Os04g58280.1	stem-specific protein TSJT1	1.52337	1.51081
	LOC_Os07g14590.1	hydrolase	1.52559	1.30932
Hormone(130)	LOC_Os04g46470.1	carotenoid cleavage dioxygenase 7, chloroplast precursor	2.37039	1.05401
	LOC_Os05g42150.1	OsGH3.4 - Probable indole-3-acetic acid-amido synthetase	1.55974	0.27494
	LOC_Os04g48750.1	3-oxo-5-alpha-steroid 4-dehydrogenase	1.62374	0.12404
	LOC_Os03g57680.1	aldehyde oxidase	1.53457	0.04348
	LOC_Os08g32160.1	oxidoreductase, 2OG-FeII oxygenase domain containing protein	1.75731	0.01896
	LOC_Os02g47510.1	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	-1.656	-5.6989
	LOC_Os11g15040.1	S-adenosyl-L-methionine:benzoic acid/salicylic acid carboxyl methyltransferase	1.50605	-1.6069
	LOC_Os08g35860.1	cytokinin dehydrogenase precursor	1.9141	-2.2937
	LOC_Os06g48860.1	OsSAUR28 - Auxin-responsive SAUR gene family member	-0.2542	-1.7275
	LOC_Os03g08490.1	AP2 domain containing protein	-0.6517	-1.6247
	LOC_Os11g29120.1	growth regulator related protein	-0.5257	-1.6655
	LOC_Os09g27080.1	growth regulator related protein	-0.7061	-1.9392
	LOC_Os09g37394.1	OsSAUR44 - Auxin-responsive SAUR gene family member	-0.0338	-1.9269
	LOC_Os10g21810.1	histidine kinase	-0.05	-2.1249
	LOC_Os09g36030.1	4-hydroxy-2-oxovalerate aldolase	-0.3593	-2.1941
	LOC_Os09g28310.1	bZIP transcription factor	0.366	-1.7361
	LOC_Os07g06800.1	3-oxo-5-alpha-steroid 4-dehydrogenase	0.36535	-1.7906
	LOC_Os09g37480.1	OsSAUR53 - Auxin-responsive SAUR gene family member	0.15292	-1.5707
	LOC_Os04g37619.1	zeaxanthin epoxidase, chloroplast precursor	0.03878	-1.7402
	LOC_Os03g08850.1	AUXIN SIGNALING F-BOX 2	0.18559	-1.7338
	LOC_Os08g37456.1	flavonol synthase/flavanone 3-hydroxylase	0.18513	-1.8366
	LOC_Os11g30500.1	HVA22	0.74619	-1.7979
	LOC_Os05g48700.1	gibberellin 2-beta-dioxygenase	0.84729	-2.2151
	LOC_Os03g51740.1	aminotransferase, classes I and II, domain containing protein	-1.6621	-3.5828
	LOC_Os01g69070.1	auxin efflux carrier component	-1.5924	-3.716
	LOC_Os11g05050.1	stem-specific protein TSJT1	-0.8961	-2.9556
	LOC_Os12g05050.1	stem-specific protein TSJT1	-1.0102	-2.9706
	LOC_Os09g24840.1	GASR10 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor	-0.3398	-3.3977
	LOC_Os01g04260.1	fatty acid hydroxylase	-2.1936	-2.497
	LOC_Os02g10120.1	lipoxygenase	-2.9086	-2.5436
	LOC_Os05g23880.1	lipoxygenase	-2.9562	-2.9561
	LOC_Os01g48850.1	auxin-responsive protein	-0.8749	-1.528
	LOC_Os03g19700.1	plant protein of unknown function domain containing protein	-0.9297	-1.5335
	LOC_Os08g22149.1	CBS domain containing membrane protein	-1.1496	-1.7228
	LOC_Os01g43090.1	oxidoreductase, aldo/keto reductase family protein	-1.0687	-2.2498

LOC_Os01g38190.1	plant protein of unknown function domain containing protein	-0.9347	-2.0202
LOC_Os05g47840.1	IPP transferase	-0.9004	-2.1546
LOC_Os06g22440.1	SAM dependent carboxyl methyltransferase	-0.8247	-2.2697
LOC_Os10g34230.1	cytokinin dehydrogenase precursor	-1.456	-2.0843
LOC_Os09g27750.1	1-aminocyclopropane-1-carboxylate oxidase 1	-1.3638	-2.3214
LOC_Os03g12910.1	squalene monooxygenase	-1.4928	-1.5425
LOC_Os03g32470.1	leucoanthocyanidin dioxygenase	-1.5269	-1.0593
LOC_Os02g07110.1	OsSAUR6 - Auxin-responsive SAUR gene family member	-1.5054	-1.2524
LOC_Os08g44590.1	gibberellin 20 oxidase 2	-1.9179	-1.8757
LOC_Os02g35310.1	12-oxophytodienoate reductase	-1.9432	-1.5528
LOC_Os09g32470.1	membrane protein	-1.8788	-1.6216
LOC_Os04g26910.1	oxidoreductase, aldo/keto reductase family protein	-1.8608	-1.3991
LOC_Os04g49194.1	naringenin,2-oxoglutarate 3-dioxygenase	-2.3406	0.14708
LOC_Os03g55290.1	GASR3 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor	-2.3284	-0.1888
LOC_Os01g55240.1	gibberellin 2-beta-dioxygenase	-2.3629	-0.3888
LOC_Os08g26820.1	plant protein of unknown function domain containing protein	-1.6597	-0.1839
LOC_Os08g30080.1	1-aminocyclopropane-1-carboxylate oxidase homolog 4	-1.7652	-0.2758
LOC_Os07g14600.1	hydrolase	-1.6157	-0.5143
LOC_Os05g35690.1	GASR6 - Gibberellin-regulated GASA/GAST/Snakin family protein precursor	-1.6034	-0.6224
LOC_Os05g48270.1	auxin-responsive protein	-2.0851	-0.7222
LOC_Os04g26870.1	oxidoreductase, aldo/keto reductase family protein	-2.0287	-1.1097
LOC_Os03g06730.1	plant protein of unknown function domain containing protein	-2.7689	-0.8239
LOC_Os01g39860.1	1-aminocyclopropane-1-carboxylate oxidase protein	-2.5948	-1.09
LOC_Os06g45970.1	OsSAUR26 - Auxin-responsive SAUR gene family member	-2.7659	-1.1788
LOC_Os02g17940.1	leucoanthocyanidin dioxygenase	-2.4146	-1.3936
LOC_Os02g02000.1	cytochrome P450	-2.8476	-1.6725
LOC_Os01g67030.1	auxin-responsive protein	-2.8386	-1.4639
LOC_Os02g31030.1	glycerophosphoryl diester phosphodiesterase family protein	3.06408	4.56899
LOC_Os05g41590.1	glycerol-3-phosphate dehydrogenase	1.97154	4.31992
LOC_Os05g42190.1	NADPH-dependent FMN reductase domain containing protein	1.7966	3.83208
LOC_Os01g51920.1	phosphotransferase	1.59095	3.90703
LOC_Os05g49900.1	3-ketoacyl-CoA synthase	1.58839	3.81873
LOC_Os02g11070.1	3-ketoacyl-CoA synthase	0.93742	4.37476
LOC_Os05g49840.1	phospholipase	0.76996	4.10994
LOC_Os01g49380.1	lipase	2.43797	2.94873
LOC_Os09g33820.1	lecithine cholesterol acyltransferase	2.62348	2.67655
LOC_Os02g32490.1	AMP-binding enzyme	2.34636	2.58034
LOC_Os02g17390.1	3-hydroxyacyl-CoA dehydrogenase	2.48694	2.49519
LOC_Os01g15000.1	lipase	2.02181	3.23039
LOC_Os04g52500.1	lecithine cholesterol acyltransferase	1.91056	2.79361
LOC_Os11g39220.1	acyl-coenzyme A oxidase	1.46302	3.10346
LOC_Os06g05130.1	myristoyl-acyl carrier protein thioesterase, chloroplast precursor	0.70064	3.21853
LOC_Os06g39750.1	3-ketoacyl-CoA synthase	-0.4333	3.09271
LOC_Os03g59070.1	phosphatase	-0.8636	1.96501
LOC_Os01g57350.1	diacylglycerol kinase	-1.1154	1.53063
LOC_Os06g36800.1	O-acyltransferase	-0.0662	1.54154
LOC_Os11g31900.1	acyl carrier protein	-0.5624	1.51596
LOC_Os01g72520.1	phosphoesterase family protein	-0.4333	1.50847
LOC_Os03g14170.1	3-ketoacyl-CoA synthase	0.78838	2.51343
LOC_Os10g38060.1	phospholipase D	0.65643	2.50232
LOC_Os03g53730.1	flavoprotein wrbA	0.36485	2.40341
LOC_Os04g55410.1	FGGY family of carbohydrate kinases	1.17527	2.43086
LOC_Os08g44360.1	male sterility protein 2	1.25395	2.42485
LOC_Os11g01040.1	monoglyceride lipase	1.08467	2.39258

	LOC_Os03g51010.1	hydrolase, alpha/beta fold family domain containing protein	0.92365	2.38428
	LOC_Os01g06600.1	glutaryl-CoA dehydrogenase, mitochondrial precursor	1.14406	2.18155
	LOC_Os11g10980.1	pyruvate kinase	1.31161	2.29555
	LOC_Os02g55910.1	monogalactosyldiacylglycerol synthase	1.35371	2.14991
	LOC_Os02g03110.1	CDP-alcohol phosphatidyltransferase	0.56775	2.02338
	LOC_Os05g29050.1	phospholipase D p1	0.78884	1.90695
	LOC_Os07g23410.1	fatty acid desaturase	0.76867	1.84016
	LOC_Os01g42690.1	OsPOP2 - Putative Prolyl Oligopeptidase homologue	0.77388	1.8168
	LOC_Os01g19390.1	glycerol-3-phosphate acyltransferase	0.82538	1.679
	LOC_Os11g19340.1	lipase	0.73708	1.56283
	LOC_Os11g31640.1	serine palmitoyltransferase 2	0.26103	2.0651
	LOC_Os12g05110.1	pyruvate kinase	0.25827	1.83443
	LOC_Os04g54200.1	diacylglycerol kinase	0.03207	1.83087
	LOC_Os01g48910.1	AMP-binding enzyme	0.49078	1.58123
	LOC_Os09g37100.1	phospholipase D	0.24697	1.54224
	LOC_Os05g07090.1	acyl-coenzyme A dehydrogenase, mitochondrial precursor	1.85191	1.87565
	LOC_Os02g02700.1	AMP-binding enzyme	2.15629	1.98557
	LOC_Os01g10250.1	hydrolase, alpha/beta fold family domain containing protein	2.04054	1.87102
	LOC_Os01g67420.1	lipase	1.21334	1.789
	LOC_Os04g57380.1	acyl-protein thioesterase	1.32849	1.81609
	LOC_Os03g14000.1	acyl CoA binding protein	1.31004	1.77163
	LOC_Os05g45300.1	enoyl-CoA hydratase/isomerase family protein	1.44753	1.6387
	LOC_Os02g33580.1	digalactosyldiacylglycerol synthase, chloroplast precursor	1.23619	1.57586
	LOC_Os03g19250.1	AMP-binding enzyme	1.61284	1.30046
Lipid metabolism(103)	LOC_Os03g61130.1	phosphoesterase family protein	1.58513	1.13004
	LOC_Os02g28040.1	lipase	1.50212	0.9745
	LOC_Os04g33190.1	AMP-binding enzyme	1.75595	0.42774
	LOC_Os07g49310.1	omega-3 fatty acid desaturase, chloroplast precursor	-4.8455	-1.9385
	LOC_Os01g69080.1	acyl-desaturase, chloroplast precursor	-3.4881	-1.8689
	LOC_Os02g37654.1	lecithin:cholesterol acyltransferase	-3.4752	-2.7242
	LOC_Os05g47540.1	CPuORF26 - conserved peptide uORF-containing transcript	-4.0391	-5.0841
	LOC_Os01g12920.1	thioesterase family protein	-1.7888	0.96906
	LOC_Os03g03790.1	AMP-binding domain containing protein	-2.2671	0.36639
	LOC_Os01g62010.1	hydrolase, alpha/beta fold family domain containing protein	-1.6385	0.25852
	LOC_Os04g36800.1	3-oxoacyl-synthase	-2.2814	-0.441
	LOC_Os04g02640.1	3-ketoacyl-CoA synthase 6	-1.5927	-0.5641
	LOC_Os07g23430.1	fatty acid desaturase	-1.5535	-0.6725
	LOC_Os03g61720.1	glycerol-3-phosphate acyltransferase	-1.8695	-0.537
	LOC_Os11g02400.1	LTPL8 - Protease inhibitor/seed storage/LTP family protein precursor	-2.0129	-0.695
	LOC_Os06g37610.1	Cyclopropane-fatty-acyl-phospholipid synthase	-2.4657	-0.8396
	LOC_Os08g14190.1	flavonol sulfotransferase	-2.7266	-1.0274
	LOC_Os03g40670.1	glycerophosphoryl diester phosphodiesterase family protein	-2.6919	-1.381
	LOC_Os03g31180.1	diacylglycerol kinase 1	0.1035	-1.6436
	LOC_Os10g17990.1	phosphatidate cytidylyltransferase	0.07964	-1.7148
	LOC_Os11g48020.1	fatty acid hydroxylase	0.29463	-2.0529
	LOC_Os03g59080.1	AMP-binding enzyme	-0.296	-1.5791
	LOC_Os08g43580.1	acyl carrier protein	-0.4139	-1.5853
	LOC_Os01g21560.1	esterase/lipase/thioesterase family protein	-0.4613	-1.6474
	LOC_Os10g42790.1	cytidylyltransferase domain containing protein	-0.4363	-1.7965
	LOC_Os03g63930.1	acyl carrier protein	-0.3459	-1.9913
	LOC_Os04g35790.1	GLTP domain containing protein	-0.3521	-2.0229
	LOC_Os03g19240.1	AMP-binding enzyme	-0.3965	-2.2075
	LOC_Os11g01450.1	phosphatidate cytidylyltransferase	-0.5307	-2.3784
	LOC_Os04g56240.1	lipase	0.21973	-2.7744
	LOC_Os08g34220.1	omega-6 fatty acid desaturase, chloroplast precursor	-1.4662	-1.6672
	LOC_Os06g02490.1	acyl CoA binding protein	-0.8476	-1.9037
	LOC_Os01g05670.1	3-oxo-5-alpha-steroid 4-dehydrogenase	-0.9561	-1.9501

	LOC_Os03g52010.1	lecithin cholesterol acyltransferase	-1.1228	-1.8947
	LOC_Os12g01480.1	phosphatidate cytidylyltransferase	-1.0584	-1.9304
	LOC_Os07g01030.1	glycosyl transferase, group 1 domain containing protein	-1.1255	-1.9758
	LOC_Os05g22940.1	acetyl-CoA carboxylase	-1.0315	-2.1672
	LOC_Os11g37900.1	3-ketoacyl-CoA synthase	-1.185	-2.2779
	LOC_Os03g18590.1	malonyl CoA-acyl carrier protein transacylase, mitochondrial precursor	-0.8327	-2.3077
	LOC_Os03g12030.1	3-ketoacyl-CoA synthase	-0.9455	-2.5193
	LOC_Os03g08360.1	3-ketoacyl-CoA synthase 10	-1.3552	-2.7603
	LOC_Os11g24070.1	LTPL10 - Protease inhibitor/seed storage/LTP family protein precursor	-1.1726	-2.9968
	LOC_Os05g32140.1	NAD dependent epimerase/dehydratase family protein	-2.3398	-2.2605
	LOC_Os07g42420.1	3-oxoacyl-synthase	-2.1892	-2.5341
	LOC_Os02g37710.1	lecithine cholesterol acyltransferase	-1.8566	-2.4967
	LOC_Os08g23810.1	enoyl-acyl-carrier-protein reductase NADH, chloroplast precursor	-1.8478	-2.633
	LOC_Os08g06550.1	acyl CoA binding protein	-2.607	-1.9824
	LOC_Os10g39810.1	fatty acid hydroxylase	-2.0547	-1.9864
	LOC_Os12g07110.1	acyl-CoA synthetase protein	-1.9184	-1.5337
	LOC_Os03g26530.1	3-ketoacyl-CoA synthase	-2.2245	-1.6594
	LOC_Os02g37800.1	lecithin:cholesterol acyltransferase	-2.2781	-1.3265
	LOC_Os12g34890.1	acyl carrier protein	-2.311	-1.4624
	LOC_Os01g03050.1	fruit protein PKIWI502	1.25299	1.75816
	LOC_Os02g58740.1	expressed protein	1.00189	1.65643
	LOC_Os04g57320.1	immutans protein	1.59596	1.11001
	LOC_Os01g70820.1	lumenal PsbP	1.67691	0.85287
	LOC_Os01g64120.1	2Fe-2S iron-sulfur cluster binding domain containing protein	-2.7982	-4.6988
	LOC_Os04g59440.1	chlorophyll A-B binding protein	-1.5425	-4.9622
	LOC_Os06g01850.1	ferredoxin--NADP reductase, chloroplast precursor	-4.6318	-2.484
	LOC_Os10g39150.1	expressed protein	-4.4348	-2.4964
	LOC_Os01g64960.1	chlorophyll A-B binding protein	-4.7221	-2.9178
	LOC_Os07g30670.1	2Fe-2S iron-sulfur cluster binding domain containing protein	-4.0309	-3.5534
	LOC_Os04g38410.1	chlorophyll A-B binding protein	-3.3365	-1.5233
	LOC_Os03g21560.1	photosystem II 11 kD protein	-2.8626	-1.5366
	LOC_Os08g01380.1	2Fe-2S iron-sulfur cluster binding domain containing protein	-2.8584	-1.7433
	LOC_Os05g40180.1	serine/threonine-protein kinase stt7, chloroplast precursor	-2.9717	-1.9079
	LOC_Os07g01480.1	oxygen evolving enhancer protein 3 domain containing protein	-3.4728	-1.8801
	LOC_Os07g28610.1	expressed protein	-3.679	-1.895
	LOC_Os02g36850.1	oxygen evolving enhancer protein 3, identical	-3.8315	-2.1479
	LOC_Os04g33630.1	2Fe-2S iron-sulfur cluster binding domain containing protein	-3.9643	-2.1898
	LOC_Os08g45190.1	PGR5	-2.9812	-2.4013
	LOC_Os07g37240.1	chlorophyll A-B binding protein	-2.6695	-2.4633
	LOC_Os01g71190.1	photosystem II reaction center PSB28 protein, chloroplast precursor	-3.162	-2.0365
	LOC_Os02g52650.1	chlorophyll A-B binding protein	-3.2976	-2.153
	LOC_Os01g72950.1	expressed protein	-3.1485	-2.2444
	LOC_Os05g28090.1	expressed protein	-3.4075	-2.3997
	LOC_Os07g32880.1	ATP synthase gamma chain	-3.2339	-2.7057
	LOC_Os09g26810.1	chlorophyll A-B binding protein	-4.3892	-1.4208
	LOC_Os01g52240.1	chlorophyll A-B binding protein	-2.2205	-0.3911
	LOC_Os03g53640.1	expressed protein	-2.6021	-0.5811
	LOC_Os02g10390.1	chlorophyll A-B binding protein	-2.5316	-1.6972
	LOC_Os02g01340.1	ferredoxin--NADP reductase, chloroplast precursor	-2.5101	-1.7037
	LOC_Os07g25430.1	photosystem I reaction center subunit IV A, chloroplast precursor	-2.4177	-1.8164
Light reaction(63)				
	LOC_Os08g33820.1	chlorophyll A-B binding protein	-2.1539	-1.5799
	LOC_Os02g22260.1	fruit protein PKIWI502	-2.2734	-1.6483
	LOC_Os12g08770.1	photosystem I reaction center subunit N, chloroplast precursor	-2.2731	-1.6802

	LOC_Os03g56670.1	photosystem I reaction center subunit III, chloroplast precursor	-2.2538	-1.774
	LOC_Os08g44680.1	photosystem I reaction center subunit II, chloroplast precursor	-2.1204	-1.7828
	LOC_Os01g73540.1	YGGT family protein	-2.0079	-1.9084
	LOC_Os03g17070.1	ATP synthase B chain, chloroplast precursor	-1.8238	-2.2295
	LOC_Os01g40710.1	high light inducible protein	-2.0123	-2.3171
	LOC_Os12g37710.1	PsbP	-2.4854	-2.1071
	LOC_Os09g30340.1	photosystem I reaction center subunit, chloroplast precursor	-2.2955	-2.2503
	LOC_Os07g37550.1	chlorophyll A-B binding protein	-2.2117	-2.3385
	LOC_Os01g59090.1	thylakoid lumenal 20 kDa protein	-2.1888	-2.6265
	LOC_Os02g51470.1	ATP synthase F1, delta subunit family protein	-2.0656	-2.6319
	LOC_Os12g29570.1	expressed protein	-2.2793	-2.8643
	LOC_Os05g22730.1	expressed protein	-2.545	-2.9293
	LOC_Os07g38960.1	chlorophyll A-B binding protein	-2.4459	-2.9565
	LOC_Os08g40160.1	thylakoid lumen protein, chloroplast precursor	-1.2913	-2.5952
	LOC_Os01g72090.1	phycoerythrobilin ferredoxin oxidoreductase	-0.6525	-1.5213
	LOC_Os12g08830.1	thylakoid lumenal 29.8 kDa protein	-0.5602	-1.9769
	LOC_Os03g64020.1	expressed protein	-0.79	-2.0689
	LOC_Os07g04840.1	PsbP	-1.3785	-1.5977
	LOC_Os07g05480.1	photosystem I reaction center subunit, chloroplast precursor	-1.538	-1.7697
	LOC_Os04g45600.1	NDH-M H PLASTOQUINONE DEHY	-1.3699	-1.8478
	LOC_Os06g01210.1	plastocyanin, chloroplast precursor	-1.741	-1.0499
	LOC_Os01g20110.1	expressed protein	-1.607	-1.0433
	LOC_Os08g41460.1	expressed protein	-1.5913	-1.1614
	LOC_Os07g38000.1	cytochrome c	-1.9113	-1.1913
	LOC_Os11g13890.1	chlorophyll A-B binding protein	-1.838	-1.3498
	LOC_Os08g39430.1	thylakoid lumenal 19 kDa protein, chloroplast precursor	-1.8525	-1.3848
	LOC_Os04g33830.1	membrane protein	-1.6471	-1.3176
	LOC_Os06g21590.1	chlorophyll A-B binding protein	-1.6773	-1.4213
	LOC_Os03g39610.1	chlorophyll A-B binding protein	-1.6018	-1.4366
	LOC_Os08g36910.1	alpha-amylase precursor	5.64517	7.55642
	LOC_Os05g09500.1	hexokinase	3.57401	4.94118
	LOC_Os04g56930.1	glycosyl hydrolases	1.20173	4.34499
	LOC_Os02g34560.1	plant neutral invertase domain containing protein	1.5806	3.10962
	LOC_Os04g45290.1	glycosyl hydrolases	1.36152	2.85287
	LOC_Os01g22900.1	neutral/alkaline invertase	1.32409	2.80725
	LOC_Os10g40640.1	glycosyl transferase 8 domain containing protein	-0.0633	3.77743
	LOC_Os11g07440.1	plant neutral invertase domain containing protein	0.41182	3.42348
	LOC_Os02g41520.1	glycosyl transferase 8 domain containing protein	0.07843	2.47446
	LOC_Os07g26540.1	hexokinase	0.89604	1.5652
	LOC_Os03g22790.1	beta-amylase	2.91131	0.98845
	LOC_Os03g04770.1	beta-amylase	2.58953	0.47913
	LOC_Os10g32810.1	beta-amylase	1.53809	0.41298
	LOC_Os01g63270.1	alpha-glucan phosphorylast isozyme	-1.5085	-2.2492
	LOC_Os04g51330.1	maltose excess protein 1-like, chloroplast precursor	-1.7777	-2.3564
Major CHO(29)	LOC_Os06g12600.1	kinase, pfkB family	-0.9902	-2.0906
	LOC_Os02g51070.1	starch synthase	-0.895	-2.1888
	LOC_Os05g50380.1	glucose-1-phosphate adenylyltransferase large subunit, chloroplast precursor	-0.0516	-1.7779
	LOC_Os06g04200.1	starch synthase	-0.0902	-2.2419
	LOC_Os09g12660.1	glucose-1-phosphate adenylyltransferase large subunit, chloroplast precursor	-1.7579	0.23751
	LOC_Os08g25734.1	glucose-1-phosphate adenylyltransferase large subunit, chloroplast precursor	-3.103	-1.6829
	LOC_Os11g12810.1	sucrose-phosphate synthase	-1.6494	-0.5538
	LOC_Os10g30156.1	starch synthase	-1.5628	-0.6748
	LOC_Os02g05030.1	sucrose-phosphatase	-1.9319	-0.807
	LOC_Os03g55090.1	alpha-glucan phosphorylast isozyme	-1.9833	-0.9155
	LOC_Os03g52460.1	glucose-1-phosphate adenylyltransferase large subunit	-2.5428	-1.1177
	LOC_Os09g29404.1	glycogen operon protein glgX	-2.2475	-1.4231
	LOC_Os07g46790.1	4-alpha-glucanotransferase	-1.9786	-1.3738

	LOC_Os06g26234.1	1,4-alpha-glucan-branching enzyme	-2.0429	-1.4935
Minor CHO(32)	LOC_Os06g36560.1	inositol oxygenase	6.96508	3.05772
	LOC_Os04g37490.1	oxidoreductase, aldo/keto reductase family protein	3.41083	6.77029
	LOC_Os02g44230.1	CPuORF22 - conserved peptide uORF-containing transcript	1.58812	6.0389
	LOC_Os08g38710.1	uncharacterized glycosyltransferase	-0.5625	4.02342
	LOC_Os08g34580.1	trehalose-6-phosphate synthase	0.11055	3.24711
	LOC_Os12g03720.1	glucosamine--fructose-6-phosphate aminotransferase 1	-0.0035	2.40077
	LOC_Os11g03900.1	glucosamine--fructose-6-phosphate aminotransferase 1	-0.2274	1.9737
	LOC_Os05g49430.1	aldose 1-epimerase	2.61619	3.61679
	LOC_Os07g48830.1	glycosyl transferase 8 domain containing protein	2.1832	3.19005
	LOC_Os03g26910.1	uncharacterized glycosyl hydrolase Rv2006/MT2062	1.2357	3.97381
	LOC_Os10g40550.1	CPuORF23 - conserved peptide uORF-containing transcript	1.40474	3.6295
	LOC_Os10g37660.1	trehalase precursor	1.15335	3.10212
	LOC_Os03g09250.1	inositol-3-phosphate synthase	2.96777	2.2717
	LOC_Os04g38540.1	aldose 1-epimerase	1.60916	2.53519
	LOC_Os02g54820.1	trehalose-6-phosphate synthase	1.66821	2.4108
	LOC_Os01g54560.1	trehalose synthase	1.05519	2.41464
	LOC_Os03g20120.1	glycosyl transferase 8 domain containing protein	1.1142	1.64187
	LOC_Os03g51000.1	3,4-dihydroxy-2-butanone kinase	1.89313	1.0865
	LOC_Os01g01120.1	enolase-phosphatase E1	-4.2009	-2.8231
	LOC_Os09g39390.1	oxidoreductase, aldo/keto reductase family protein	-0.9204	-1.8665
	LOC_Os07g10840.1	uncharacterized glycosyltransferase	-1.8759	-2.7171
	LOC_Os10g37330.1	oxidoreductase, aldo/keto reductase family protein	-2.6319	-2.8133
	LOC_Os04g41340.1	4-nitrophenylphosphatase	-2.2534	-2.106
	LOC_Os07g05000.1	oxidoreductase, aldo/keto reductase family protein	-1.56	-1.8884
	LOC_Os07g22650.1	expressed protein	-1.9056	-1.5587
	LOC_Os10g42240.1	kinase, pfkB family	-1.8285	-1.6362
	LOC_Os03g41510.1	oxidoreductase, aldo/keto reductase family protein	-2.0407	-1.6403
	LOC_Os04g48020.1	3-hexulose-6-phosphate isomerase	-2.0488	-1.3786
	LOC_Os09g15820.1	aldose 1-epimerase	-1.6276	-0.1828
	LOC_Os07g04990.1	oxidoreductase, aldo/keto reductase family protein	-1.7775	-0.545
	LOC_Os05g38230.1	oxidoreductase, aldo/keto reductase family protein	-2.5899	-0.5379
	LOC_Os07g09330.1	inositol-1-monophosphatase	-2.7141	-1.4123
Mitochondrial electron transport(16)	LOC_Os01g12520.1	mitochondrial carrier protein	3.28658	6.25707
	LOC_Os09g28160.1	phosphate carrier protein, mitochondrial precursor	1.9667	5.42177
	LOC_Os10g42299.1	mitochondrial carrier protein	2.53725	4.12363
	LOC_Os05g32630.1	mitochondrial carrier protein	1.80848	3.10868
	LOC_Os01g51250.1	mitochondrial carrier protein	-0.0924	2.61278
	LOC_Os08g40850.1	mitochondrial carrier protein	0.13725	2.39418
	LOC_Os03g15860.1	mitochondrial carrier protein	0.95107	1.97451
	LOC_Os01g12680.1	C4-dicarboxylate transporter/malic acid transport protein	0.38389	-1.5096
	LOC_Os03g11510.1	mitochondrial carrier protein	-0.0517	-1.5922
	LOC_Os09g29050.1	mitochondrial carrier protein	-0.6488	-1.8208
	LOC_Os09g29430.1	citrate transporter	-0.3322	-2.2651
	LOC_Os09g33470.1	mitochondrial carrier protein	-1.5699	-2.4425
	LOC_Os07g08350.1	C4-dicarboxylate transporter/malic acid transport protein	-0.7085	-2.9541
	LOC_Os08g37370.1	mitochondrial carrier protein	-0.9599	-3.1519
	LOC_Os11g24450.1	mitochondrial carrier protein	-2.0181	-1.7192
	LOC_Os02g32814.1	heavy metal-associated domain containing protein	-1.6859	-1.1226
N-metabolism(8)	LOC_Os02g53130.1	nitrate reductase	3.07865	3.51257
	LOC_Os01g48960.1	glutamate synthase, chloroplast precursor	1.7417	3.19551
	LOC_Os03g50490.1	glutamine synthetase, catalytic domain containing protein	0.89036	2.49468
	LOC_Os08g36480.1	nitrate reductase	-2.7707	-4.7039
	LOC_Os01g25484.1	ferredoxin--nitrite reductase	-2.2617	-2.622
	LOC_Os03g12290.1	glutamine synthetase, catalytic domain containing protein	-1.5001	-1.5083
	LOC_Os05g48200.1	glutamate synthase, chloroplast precursor	-1.4975	-1.5454
	LOC_Os07g46460.1	ferredoxin-dependent glutamate synthase, chloroplast precursor	-1.6494	-1.0477
	LOC_Os07g14150.1	cytidine deaminase	2.33085	3.83322
	LOC_Os09g39440.1	inosine-uridine preferring nucleoside hydrolase family protein	1.71957	3.58117

	LOC_Os02g50350.1	dihydroorotate dihydrogenase protein	1.94289	3.45529
	LOC_Os01g51540.1	cytidine/deoxycytidylate deaminase	0.59214	3.21726
	LOC_Os05g36260.1	soluble inorganic pyrophosphatase	0.78349	2.97224
	LOC_Os04g57540.1	adenylate kinase	1.0136	3.06006
	LOC_Os01g52530.1	phosphoribosyl transferase	1.21985	2.9622
	LOC_Os06g03720.1	ribonucleoside-diphosphate reductase small chain	2.27686	2.3996
	LOC_Os01g46570.1	CTP synthase	1.83677	2.40485
	LOC_Os05g49770.1	CTP synthase	1.59798	2.27224
	LOC_Os08g44370.1	inosine-uridine preferring nucleoside hydrolase family protein	1.35095	2.2386
	LOC_Os04g32740.1	hydrolase, NUDIX family, domain containing protein	1.19743	2.19182
	LOC_Os11g25330.1	nucleoside-triphosphatase	-2.8688	-1.8075
	LOC_Os11g25260.1	nucleoside-triphosphatase	-3.3237	-2.1055
	LOC_Os02g47600.1	soluble inorganic pyrophosphatase	-4.1007	-2.3062
	LOC_Os01g65260.1	amidophosphoribosyltransferase, chloroplast precursor	-2.1285	-3.4087
	LOC_Os07g30150.1	phosphoribosyl transferase	-2.0521	-3.475
Nucleotide metabolism(37)	LOC_Os09g32820.1	uridine/cytidine kinase-like 1	0.23763	-1.5038
	LOC_Os03g20460.1	guanylate kinase	0.10591	-1.5337
	LOC_Os04g58390.1	allantoinase	0.79257	-1.5839
	LOC_Os08g15030.1	aspartate carbamoyltransferase	-1.7451	-2.1868
	LOC_Os07g37230.1	inositol-1-monophosphatase	-1.7202	-1.5928
	LOC_Os05g38170.1	phosphoribosyl transferase	-1.3727	-1.5718
	LOC_Os12g31860.1	ureide permease	-0.8262	-1.5251
	LOC_Os04g42520.1	phosphoribosyl transferase	-0.7916	-1.5849
	LOC_Os01g72240.1	uridine 5-monophosphate synthase	-0.8235	-1.7368
	LOC_Os02g50130.1	hydrolase, NUDIX family, domain containing protein	-0.6608	-1.8039
	LOC_Os07g37220.1	inositol-1-monophosphatase	-1.0615	-1.9287
	LOC_Os01g66500.1	phosphoribosylformylglycinamidine synthase	-1.0433	-1.9461
	LOC_Os08g09210.1	phosphoribosylamine--glycine ligase	-0.2519	-1.6307
	LOC_Os01g65350.1	deoxynucleoside kinase family	-0.4931	-1.7252
	LOC_Os01g10280.1	phosphoribosylaminoimidazole carboxylase, chloroplast precursor	-0.2738	-2.1991
	LOC_Os10g41410.1	nucleoside diphosphate kinase	-2.7363	0.12105
	LOC_Os02g40010.1	phosphoribosyl transferase	-1.5432	-0.6197
	LOC_Os01g54370.1	dihydropyrimidinase	-1.9662	-0.7478
	LOC_Os06g02000.1	adenylate kinase	-2.5139	-1.2245
	LOC_Os08g19140.1	adenylate kinase family protein	-2.1121	-1.3277
	LOC_Os04g40874.1	glucose-6-phosphate 1-dehydrogenase, cytoplasmic isoform	-1.6156	-1.9898
	LOC_Os07g08030.1	ribose-5-phosphate isomerase A	-2.6404	-2.6
OPP(6)	LOC_Os03g29950.1	glucose-6-phosphate 1-dehydrogenase, chloroplast precursor	-1.9882	-2.8006
	LOC_Os01g53910.1	dehydrogenase	-1.0938	-1.6093
	LOC_Os02g35500.1	NAD binding domain of 6-phosphogluconate dehydrogenase containing protein	-0.4975	-1.7972
	LOC_Os03g56869.1	ribose-5-phosphate isomerase A	-1.6167	-0.7924
	LOC_Os04g53210.1	hydroxyacid oxidase 1	3.90322	4.83775
	LOC_Os03g52840.1	serine hydroxymethyltransferase, mitochondrial precursor	-1.6374	-1.8095
	LOC_Os03g57220.1	hydroxyacid oxidase 1	-2.1588	-1.9968
	LOC_Os07g42440.1	hydroxyacid oxidase 1	-2.9015	-2.4909
Photorespiration(8)	LOC_Os10g37180.1	glycine cleavage system H protein	-3.6866	-2.5463
	LOC_Os02g01150.1	erythronate-4-phosphate dehydrogenase domain containing protein	-3.0209	-2.5475
	LOC_Os07g05820.1	hydroxyacid oxidase 1	-1.0675	-1.6812
	LOC_Os04g01674.1	erythronate-4-phosphate dehydrogenase domain containing protein	-0.6862	-1.7017
	LOC_Os01g36710.1	transposon protein, Pong sub-class	-1.7324	1.8314
	LOC_Os01g52470.1	elongation factor	0.93895	3.11235
	LOC_Os07g12630.1	transcription elongation factor protein	0.6838	2.93745
	LOC_Os03g52910.1	uncharacterized UPF0114 domain containing protein	0.56682	2.82789
	LOC_Os05g40950.1	pentatricopeptide repeat-containing protein	0.26757	1.59933
	LOC_Os06g21480.1	60S ribosomal protein L31	0.69483	1.59788
	LOC_Os05g07700.1	ribosomal protein	1.97299	2.48766
	LOC_Os06g35730.1	ribosomal protein L5	1.70629	1.64225

	LOC_Os05g41900.1	translation initiation factor SUI1	1.29573	1.52066
	LOC_Os01g03870.1	expressed protein	1.43043	1.51513
	LOC_Os01g41030.1	ribosomal protein L25	0.82231	-1.7219
	LOC_Os07g46330.1	uncharacterized UPF0114 domain containing protein	0.50148	-1.7263
	LOC_Os10g42860.1	ribosomal protein L35	0.27323	-2.1262
	LOC_Os08g33540.1	ATP-dependent Clp protease adaptor protein ClpS containing protein	0.77037	-2.4254
	LOC_Os02g28810.1	ribosomal protein	-0.6196	-1.542
	LOC_Os01g52490.1	40S ribosomal protein S24	-0.6465	-1.647
	LOC_Os02g56960.1	ribosomal protein	-0.5697	-1.7447
	LOC_Os05g49030.1	60S ribosomal protein L18a	-0.8687	-1.5036
	LOC_Os03g10340.1	40S ribosomal protein S3a	-0.9057	-1.6991
	LOC_Os08g44450.1	L1P family of ribosomal proteins domain containing protein	-0.8159	-1.8795
	LOC_Os11g11050.1	initiation factor 2 subunit family domain containing	-0.1589	-1.611
	LOC_Os11g04070.1	60S acidic ribosomal protein P0	-0.1743	-1.6403
	LOC_Os10g32870.1	L11 domain containing ribosomal protein	-0.1897	-1.9448
	LOC_Os02g40490.1	expressed protein	-0.1989	-2.1232
	LOC_Os01g65240.1	transposon protein, Pong sub-class	-0.4569	-2.4193
	LOC_Os05g48310.1	60S ribosomal protein L35a-3	-1.1803	-2.0995
	LOC_Os02g38210.1	elongation factor Tu	-1.3388	-2.1071
	LOC_Os02g55120.1	translation initiation factor IF-3	-1.1746	-1.5033
	LOC_Os07g46320.1	uncharacterized UPF0114 domain containing protein	-1.042	-1.5747
	LOC_Os04g51630.1	60S ribosomal protein L7	-1.2737	-1.5245
	LOC_Os05g30530.1	40S ribosomal protein S4	-1.2816	-1.5888
	LOC_Os05g32220.1	L1P family of ribosomal proteins domain containing protein	-1.3428	-1.6255
	LOC_Os09g31180.1	ribosomal protein L6	-1.1862	-1.6852
	LOC_Os12g37610.1	ribosomal protein S6	-1.1254	-1.7711
	LOC_Os09g32976.1	ribosomal protein L7Ae	-1.1036	-1.8255
	LOC_Os02g57540.1	60S ribosomal protein L28-1	-1.7256	-1.688
	LOC_Os03g17580.1	ribosomal protein L10	-1.6971	-1.6965
	LOC_Os06g02510.1	ribosomal protein L13	-1.5666	-1.6274
	LOC_Os09g39540.1	40S ribosomal protein S25	-1.4793	-1.6363
	LOC_Os05g45270.1	ribosomal L9	-1.5609	-1.5094
Protein synthesis(83)	LOC_Os01g51020.1	60S ribosomal protein L28-1	-1.5515	-1.4501
	LOC_Os03g54040.1	ribosomal protein L6	-2.6485	-0.4015
	LOC_Os02g51790.1	ribosomal protein L29	-2.5304	-0.4243
	LOC_Os02g04460.1	ribosomal protein L3	-2.1691	-0.6503
	LOC_Os12g02380.1	elongation factor P	-2.2683	-0.6992
	LOC_Os05g41800.1	ribosomal protein L11 methyltransferase-related	-2.1786	-0.7922
	LOC_Os03g62630.1	ribosomal protein S6	-2.4499	-0.7536
	LOC_Os03g03020.1	L11 domain containing ribosomal protein	-2.4802	-0.8961
	LOC_Os03g15870.1	ribosomal protein L4	-2.4839	-0.9439
	LOC_Os01g50360.1	NAC domain containing protein	-2.4189	-1.0779
	LOC_Os03g12020.1	50S ribosomal protein L15, chloroplast precursor	-2.2611	-1.0396
	LOC_Os03g02960.1	nascent polypeptide-associated complex subunit alpha	-2.286	-1.1744
	LOC_Os07g36250.1	peptide chain release factor protein	-1.8065	-0.8613
	LOC_Os03g61260.1	ribosomal L18p/L5e family protein	-2.0245	-0.8833
	LOC_Os02g09590.1	ribosome	-1.7595	-1.0753
	LOC_Os05g46430.1	60S ribosomal protein L28-1	-1.9125	-1.082
	LOC_Os03g10060.1	S10/S20 domain containing ribosomal protein	-1.8961	-1.0965
	LOC_Os03g03360.1	ribosomal protein L5	-1.928	-1.1939
	LOC_Os04g38750.1	plastid-specific 30S ribosomal protein 3, chloroplast precursor	-1.6365	-0.8868
	LOC_Os08g39500.1	60S ribosomal protein L31	-1.5745	-1.0362
	LOC_Os10g26690.1	structural constituent of ribosome	-1.573	-1.2438
	LOC_Os02g43600.1	50S ribosomal protein L19, chloroplast precursor	-3.5268	-1.0686
	LOC_Os06g46930.1	ribosomal protein L24	-3.0397	-1.1722
	LOC_Os03g34040.1	ribosomal protein	-2.6547	-1.1177
	LOC_Os01g54540.1	ribosomal protein L13	-2.7752	-1.1375
	LOC_Os02g57670.1	ribosomal L9	-2.6267	-1.2404
	LOC_Os03g55930.1	ribosomal protein	-2.578	-1.2532

LOC_Os02g15900.1	50S ribosomal protein L21, chloroplast precursor	-2.7219	-1.5699
LOC_Os03g60100.1	50S ribosomal protein L17	-2.7529	-1.3294
LOC_Os06g43900.1	ribosomal protein L35	-2.7584	-1.4327
LOC_Os03g24020.1	ribosomal protein L6	-2.4008	-1.4194
LOC_Os11g02450.1	elongation factor P	-2.5088	-1.434
LOC_Os01g48690.1	ribosomal protein rpS20	-2.6777	-2.0709
LOC_Os02g18450.1	GTP-binding protein typA/bipA	-2.9137	-2.3585
LOC_Os04g45490.1	elongation factor	-2.8879	-2.6173
LOC_Os07g44230.1	ribosomal protein L7Ae/L30e/S12e/Gadd45 family protein	-2.6741	-2.4762
LOC_Os01g59730.1	ribosomal protein L7Ae	-2.5463	-2.6629
LOC_Os05g49970.1	translation initiation factor IF-2, chloroplast precursor	-2.0909	-2.1379
LOC_Os01g69950.1	ribosomal protein L27	-2.374	-1.7755
LOC_Os12g35630.1	elongation factor TS family protein	-2.3728	-1.881
LOC_Os05g01110.1	ribosomal protein L28 protein	-2.1234	-1.7135
LOC_Os03g49710.1	ribosomal protein S13p/S18e	-2.2722	-1.623
LOC_Os03g20100.1	S1 RNA binding domain containing protein	-2.2643	-1.4781
LOC_Os05g51130.1	mitochondrial chaperone BCS1	3.667	6.82526
LOC_Os02g50730.1	metalloendoproteinase 1 precursor	2.66726	5.77091
LOC_Os03g44810.1	expressed protein	3.00829	4.59882
LOC_Os03g58790.1	ATPase	0.27923	4.40577
LOC_Os06g09310.1	zinc finger, C3HC4 type domain containing protein	0.37194	4.0526
LOC_Os09g29310.1	zinc finger, C3HC4 type domain containing protein	1.14857	4.03698
LOC_Os05g39930.1	spotted leaf 11	0.97803	3.97527
LOC_Os06g48040.1	zinc finger, C3HC4 type domain containing protein	0.72162	3.72667
LOC_Os05g33410.1	xylanase inhibitor	0.81392	3.54122
LOC_Os10g40490.1	U-box domain containing protein	0.12255	3.37336
LOC_Os06g06490.1	U-box domain containing heat shock protein	-0.0918	3.0554
LOC_Os02g35329.1	RING-H2 finger protein ATL3F	-0.1884	2.89051
LOC_Os02g51350.1	OsFBK10 - F-box domain and kelch repeat containing protein	0.45306	3.05244
LOC_Os01g19260.1	ATPase	0.22517	2.88025
LOC_Os09g30411.1	UBX domain-containing protein	0.52624	2.78999
LOC_Os03g04890.1	zinc finger family protein	0.80992	2.79672
LOC_Os01g06590.1	zinc finger, C3HC4 type domain containing protein	0.68232	2.67863
LOC_Os02g32520.1	ERD1 protein, chloroplast precursor	1.36427	3.31218
LOC_Os01g19800.1	zinc finger, C3HC4 type	1.33911	3.28988
LOC_Os05g33400.1	basic 7S globulin precursor	1.10607	3.26073
LOC_Os01g68060.1	copine	1.19689	2.97613
LOC_Os05g50570.1	OsSCP29 - Putative Serine Carboxypeptidase homologue	0.99712	2.89886
LOC_Os01g43480.1	AAA-type ATPase family protein	0.96354	2.89647
LOC_Os05g07710.1	WD40-like domain containing protein	1.70992	2.77603
LOC_Os06g30970.1	ubiquitin-conjugating enzyme	1.72156	2.7561
LOC_Os02g46650.1	ubiquitin carboxyl-terminal hydrolase domain containing protein	1.48969	2.94982
LOC_Os10g39850.1	zinc finger, C3HC4 type domain containing protein	1.52237	2.53189
LOC_Os09g38110.1	RING-H2 finger protein	1.43971	2.69581
LOC_Os02g40664.1	zinc finger family protein	1.6378	2.09028
LOC_Os05g50750.1	AAA family ATPase	1.50304	2.30212
LOC_Os10g31850.1	RING finger and CHY zinc finger domain-containing protein 1	1.41608	2.40213
LOC_Os07g32800.1	autophagy-related protein	1.37632	2.23745
LOC_Os06g09290.1	26S protease regulatory subunit 7	1.17119	2.49156
LOC_Os02g52210.1	zinc finger, C3HC4 type domain containing protein	1.08365	2.32755
LOC_Os02g53110.1	expressed protein	0.63661	2.47612
LOC_Os07g09420.1	ATPase	0.74014	2.30253
LOC_Os09g31031.1	ubiquitin family protein	0.86114	2.23136
LOC_Os02g16040.1	ubiquitin-conjugating enzyme	0.86137	2.16224
LOC_Os01g42030.1	mitochondrial chaperone BCS1	-2.3996	1.97176
LOC_Os06g03580.1	zinc RING finger protein	-1.1709	2.86498
LOC_Os11g05660.1	OsFBX396 - F-box domain containing protein	-0.5945	2.5605
LOC_Os12g24490.1	zinc finger, C3HC4 type domain containing protein	-0.3106	2.54407
LOC_Os02g16940.1	OsSub13 - Putative Subtilisin homologue	-0.5356	2.27937

	LOC_Os11g08100.1	eukaryotic aspartyl protease domain containing protein	-0.2363	1.89607
	LOC_Os04g49000.1	zinc finger, C3HC4 type domain containing protein	-0.3929	1.87313
	LOC_Os05g48330.1	aspartyl protease family protein	-0.5445	1.80008
	LOC_Os07g34940.1	aspartic proteinase nepenthesin-1 precursor	-0.8759	1.72903
	LOC_Os01g66130.1	armadillo/beta-catenin repeat family protein	0.05955	2.42238
	LOC_Os08g04130.1	copine-6	0.09426	2.40908
	LOC_Os06g39370.1	OsFBK16 - F-box domain and kelch repeat containing protein	0.01537	2.34525
	LOC_Os05g01940.1	zinc finger, RING-type	0.08033	2.30253
	LOC_Os12g24650.1	leucine aminopeptidase, chloroplast precursor	0.41103	2.18613
	LOC_Os11g47840.1	OsRhmbd18 - Putative Rhomboid homologue	0.44825	2.1777
	LOC_Os12g28590.1	ATPase 2	0.21424	2.17462
	LOC_Os06g50050.1	AAA-type ATPase family protein	0.19568	2.11447
	LOC_Os01g58290.1	OsSub9 - Putative Subtilisin homologue	0.07054	1.96697
	LOC_Os10g37760.1	OsRhmbd17 - Putative Rhomboid homologue	0.06446	1.82001
	LOC_Os10g05230.1	zinc finger, C3HC4 type domain containing protein	-0.0293	1.70278
	LOC_Os01g07390.1	zinc finger, C3HC4 type family protein	0.33497	1.73745
	LOC_Os01g16330.1	OsRhmbd2 - Putative Rhomboid homologue	0.21021	1.64855
	LOC_Os06g02360.1	Skp1 family, dimerisation domain containing protein	0.54952	1.75807
	LOC_Os03g19020.1	PHD-finger family protein	0.4744	1.7425
	LOC_Os01g59910.1	OsFBX29 - F-box domain containing protein	0.51913	1.60159
	LOC_Os12g44220.1	ATPase 2	0.40799	1.61795
	LOC_Os11g38800.1	zinc finger family protein	0.36995	1.52827
	LOC_Os07g47590.1	expressed protein	2.307	3.81732
	LOC_Os04g33820.1	OsFBX132 - F-box domain containing protein	1.90605	3.75207
	LOC_Os04g42980.1	zinc finger family protein	2.9499	3.37565
	LOC_Os08g38600.1	copine	2.08282	2.98996
	LOC_Os08g39150.1	expressed protein	2.4461	2.94023
	LOC_Os07g42590.1	OsFBX258 - F-box domain containing protein	2.56147	2.58022
	LOC_Os07g47530.1	AAA-type ATPase family protein	1.86985	2.48072
	LOC_Os01g43890.1	OsSCP4 - Putative Serine Carboxypeptidase homologue	2.20371	2.45685
	LOC_Os07g43240.1	SKP1-like protein 1B	3.81185	3.61102
	LOC_Os04g40630.1	BTBZ4 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with TAZ zinc finger and Calmodulin-binding domains	4.11681	2.91165
	LOC_Os04g31120.1	OsFBK14 - F-box domain and kelch repeat containing protein	4.07198	2.00931
	LOC_Os10g41360.1	ARABIDILLO-1	0.77409	1.88635
	LOC_Os04g55650.1	oryzain alpha chain precursor	0.7862	1.88011
	LOC_Os01g42700.1	expressed protein	0.98829	1.85416
	LOC_Os08g41730.1	peptidase, T1 family	0.87089	1.79974
	LOC_Os08g43300.1	UBX domain-containing protein	0.92973	1.74439
	LOC_Os05g07070.1	zinc finger, C3HC4 type domain containing protein	0.99869	1.7173
	LOC_Os08g43480.1	zinc finger, C3HC4 type family protein	0.75157	1.73305
	LOC_Os02g27360.1	aspartic proteinase-like protein 2 precursor	0.69768	1.7313
	LOC_Os06g42700.1	zinc finger, C3HC4 type domain containing protein	0.78287	1.69208
	LOC_Os12g06630.1	OsFBT14 - F-box and tubby domain containing protein	0.79193	1.65313
	LOC_Os11g07450.1	zinc finger, C3HC4 type domain containing protein	0.80503	1.64376
	LOC_Os07g39780.1	SUMO-activating enzyme subunit 2	0.84207	1.52307
	LOC_Os04g39040.1	UBA and UBX domain-containing protein	0.78305	1.59773
	LOC_Os08g43670.1	RING-H2 finger protein ATL2B	0.77837	1.54622
	LOC_Os02g21260.1	OsFBL8 - F-box domain and LRR containing protein	0.7491	1.50251
	LOC_Os01g42850.1	ThiF family domain containing protein	1.13883	2.00199
	LOC_Os01g27160.1	cullin	1.27888	1.91369
	LOC_Os02g02570.1	autophagy protein 5	1.2795	1.85436
	LOC_Os08g01290.1	OsFBT12 - F-box and tubby domain containing protein	1.13981	1.82505
	LOC_Os04g57440.1	oryzain beta chain precursor	1.44363	1.90087
	LOC_Os06g12780.1	OsDegp10 - Putative Deg protease homologue	1.4514	1.75172
	LOC_Os02g55640.1	proteasome maturation factor UMP1 family protein	1.31679	1.70702
	LOC_Os05g38830.1	HECT-domain domain containing protein	1.24873	1.67744
Protein degradation(198)	LOC_Os08g01620.1	shwachman-Bodian-Diamond syndrome protein	1.21042	1.6355
	LOC_Os02g07210.1	OTU-like cysteine protease family protein	1.51891	1.5381
	LOC_Os01g55110.1	RING-H2 finger protein	1.49545	1.52528

LOC_Os09g24250.1	ubiquitin carboxyl-terminal hydrolase domain containing protein	1.42551	1.52233
LOC_Os02g41820.1	expressed protein	1.59306	1.39298
LOC_Os07g43250.1	SKP1-like protein 1B	1.6216	1.37975
LOC_Os01g73000.1	copine	2.21044	1.52561
LOC_Os01g16650.1	ubiquitin-conjugating enzyme	1.9445	1.30622
LOC_Os05g47670.1	zinc finger, C3HC4 type domain containing protein	1.92708	1.2933
LOC_Os03g51920.1	peptidase, M50 family	1.93968	0.7731
LOC_Os09g38920.1	thiol protease SEN102 precursor	1.77576	0.98735
LOC_Os07g42610.1	RING finger protein	1.51176	0.94505
LOC_Os06g12370.1	OsFtsH6 FtsH protease, homologue of AtFtsH6	1.50783	0.70679
LOC_Os02g12650.1	puromycin-sensitive aminopeptidase	1.62895	0.57728
LOC_Os06g21380.1	OsCttP3 - Putative C-terminal processing peptidase homologue	2.09935	0.03965
LOC_Os05g36310.1	zinc finger, C3HC4 type domain containing protein	1.67379	-1.1618
LOC_Os01g74160.1	carboxyl-terminal peptidase	-7.6882	-3.7076
LOC_Os12g39360.1	aspartic proteinase nepenthesin precursor	-6.0106	-5.7939
LOC_Os01g50170.1	eukaryotic aspartyl protease domain containing protein	-2.77	-2.5351
LOC_Os01g42790.1	xylem cysteine proteinase 2 precursor	-3.3508	-1.9277
LOC_Os08g43320.1	OsRhmbd14 - Putative Rhomboid homologue	-3.6468	-2.6211
LOC_Os12g24320.1	ATPase 3	-4.6365	-2.7473
LOC_Os09g39190.1	OsFBO22 - F-box and other domain containing protein	-1.7375	0.76064
LOC_Os01g58280.1	OsSub8 - Putative Subtilisin homologue	-1.9489	0.69319
LOC_Os01g45450.1	AAA family ATPase	-1.5108	0.35628
LOC_Os04g37550.1	aspartic proteinase nepenthesin-2 precursor	-2.2342	0.11075
LOC_Os07g33390.1	BCS1 protein	-2.0474	-0.0341
LOC_Os06g11400.1	expressed protein	-2.2896	-0.1673
LOC_Os03g27190.1	ICE-like protease p20 domain containing protein	-2.1889	-0.2656
LOC_Os11g45990.1	von Willebrand factor type A domain containing protein	-2.7342	0.03519
LOC_Os03g05270.1	RING finger and CHY zinc finger domain-containing protein 1	-2.6047	-0.3625
LOC_Os06g43930.1	OsProCP2 - Putative Lysosomal Pro-x Carboxypeptidase homologue	-1.554	-0.1871
LOC_Os12g15470.1	OsSCP65 - Putative Serine Carboxypeptidase homologue	-1.6624	-0.0814
LOC_Os03g31510.1	cysteine proteinase inhibitor 8 precursor	-1.7211	-0.1314
LOC_Os03g38800.1	AAA family ATPase	-1.7936	-0.2122
LOC_Os10g03740.1	OsFBX348 - F-box domain containing protein	-1.5199	-0.6049
LOC_Os10g39300.1	aspartic proteinase nepenthesin	-3.4484	0.11159
LOC_Os06g02780.1	aspartic protease	-3.5456	-0.5094
LOC_Os10g39260.1	aspartic proteinase nepenthesin	-3.8399	-1.0577
LOC_Os03g40830.1	OsSub30 - Putative Subtilisin homologue	-2.0093	-2.8993
LOC_Os07g32590.1	peptidase, M24 family protein	-1.8468	-3.2782
LOC_Os02g22100.1	OsRhmbd6 - Putative Rhomboid homologue	-1.2213	-2.6557
LOC_Os03g31290.1	membrane-anchored ubiquitin-fold protein	-1.301	-2.9576
LOC_Os06g44500.1	OsFBK17 - F-box domain and kelch repeat containing protein	-0.9029	-2.9471
LOC_Os03g13010.1	U-box domain containing protein	-1.0637	-3.1395
LOC_Os07g32560.1	ATP-dependent protease	-0.2639	-2.6863
LOC_Os03g20500.1	OsFBX82 - F-box domain containing protein	-0.0339	-3.522
LOC_Os06g05240.1	zinc carboxypeptidase family protein	-0.0253	-1.6082
LOC_Os05g50600.1	OsSCP31 - Putative Serine Carboxypeptidase homologue	-0.224	-1.5224
LOC_Os02g56280.1	zinc finger family protein	-0.2903	-1.6649
LOC_Os02g35630.1	AAA family ATPase	-0.1712	-1.7435
LOC_Os03g08850.1	AUXIN SIGNALING F-BOX 2	0.18559	-1.7338
LOC_Os01g52750.1	OsSub3 - Putative Subtilisin homologue	0.00569	-1.9915
LOC_Os01g66970.1	zinc finger, C3HC4 type domain containing protein	-0.8702	-1.5713
LOC_Os01g06490.1	OsSCP1 - Putative Serine Carboxypeptidase homologue	-0.8258	-1.589
LOC_Os01g37910.1	vacuolar-processing enzyme precursor	-0.7955	-1.6583
LOC_Os01g58780.1	zinc finger, C3HC4 type domain containing protein	-0.7341	-1.7289
LOC_Os11g39640.1	zinc finger, C3HC4 type domain containing protein	-0.8945	-1.7228
LOC_Os09g21740.1	armadillo/beta-catenin repeat family protein	-0.9365	-1.74
LOC_Os10g43050.1	OsClp11 - Putative Clp protease homologue	-0.4668	-1.6027
LOC_Os12g29990.1	O-sialoglycoprotein endopeptidase	-0.6514	-1.5593

LOC_Os02g49520.1	armadillo/beta-catenin repeat family protein	-0.5953	-1.6108
LOC_Os05g22930.1	CAAX amino terminal protease family protein	-0.6185	-1.7965
LOC_Os02g30210.1	OsFBK7 - F-box domain and kelch repeat containing protein	-0.6939	-1.8162
LOC_Os04g47360.1	OsPOP9 - Putative Prolyl Oligopeptidase homologue	-0.4892	-1.8294
LOC_Os01g32350.1	OsClp2 - Putative Clp protease homologue	-1.2575	-1.5007
LOC_Os01g43150.1	OsFtsH9 FtsH protease, homologue of AtFtsH11	-1.2114	-1.504
LOC_Os01g04710.1	aspartic proteinase	-1.2109	-1.5919
LOC_Os10g28030.1	OsPOP22 - Putative Prolyl Oligopeptidase homologue	-1.3205	-1.6568
LOC_Os06g12680.1	RING-H2 finger protein	-1.0877	-1.6656
LOC_Os09g33740.1	Zinc finger, ZZ type domain containing protein	-1.1279	-1.7676
LOC_Os08g33900.1	CAAX amino terminal protease family protein	-1.225	-1.797
LOC_Os03g29810.1	OsClp6 - Putative Clp protease homologue	-0.9596	-1.9209
LOC_Os09g39500.1	ubiquitin fusion protein	-1.0209	-2.0757
LOC_Os11g02424.1	LTPL9 - Protease inhibitor/seed storage/LTP family protein precursor	-1.7447	-1.7278
LOC_Os04g48130.1	OsRhmbd11 - Putative Rhomboid homologue	-1.7591	-1.9058
LOC_Os04g52100.1	peptidase, M24 family protein	-1.8733	-2.0001
LOC_Os06g40818.1	aspartic proteinase	-1.5838	-1.7959
LOC_Os01g04900.1	peptidase M50 family protein	-1.4242	-1.7452
LOC_Os03g52070.1	OsSCP20 - Putative Serine Carboxypeptidase homologue	-1.4293	-1.8547
LOC_Os11g11210.1	OsClp12 - Putative Clp protease homologue	-2.1214	-2.0186
LOC_Os02g48900.1	aspartic proteinase nepenthesin-1 precursor	-2.0314	-2.1416
LOC_Os05g01970.1	NAD dependent epimerase/dehydratase family protein	-2.0823	-2.4653
LOC_Os10g03780.1	OsFBX351 - F-box domain containing protein	-1.6869	-2.3965
LOC_Os08g33380.1	expressed protein	-1.4251	-2.2451
LOC_Os08g13350.1	expressed protein	-1.3801	-2.3091
LOC_Os01g22980.1	OsSCP3 - Putative Serine Carboxypeptidase homologue	-1.4326	-2.4391
LOC_Os09g24670.1	CAAX amino terminal protease family protein	-2.0395	-1.5639
LOC_Os09g20980.1	RING-H2 finger protein	-2.5869	-1.6245
LOC_Os02g49950.1	spotted leaf 11	-2.3922	-1.7815
LOC_Os02g46260.1	OsSCP9 - Putative Serine Carboxypeptidase homologue	-2.5373	-1.1883
LOC_Os06g20040.1	aspartic proteinase nepenthesin-2 precursor	-1.9068	-1.1034
LOC_Os05g49380.1	OsDegp9 - Putative Deg protease homologue	-1.7353	-0.9678
LOC_Os02g38820.1	expressed protein	-1.6653	-0.9521
LOC_Os03g05570.1	RING-H2 finger protein ATL3F	-1.6938	-0.9878
LOC_Os02g10520.1	OsSub12 - Putative Subtilisin homologue	-1.5517	-1.0063
LOC_Os01g66890.1	BTBZ1 - Bric-a-Brac, Tramtrack, and Broad Complex BTB domain with TAZ zinc finger and Calmodulin-binding domains	-1.5167	-1.0509
LOC_Os06g50390.1	eukaryotic aspartyl protease domain containing protein	-1.6202	-1.0586
LOC_Os02g42310.1	OsSCP8 - Putative Serine Carboxypeptidase homologue	-1.5591	-1.2709
LOC_Os07g44440.1	peroxiredoxin	8.78554	9.78919
LOC_Os10g28000.1	glutathione reductase	2.03087	4.83118
LOC_Os07g44430.1	peroxiredoxin	3.31197	5.72731
LOC_Os08g44340.1	monodehydroascorbate reductase	3.96686	4.65392
LOC_Os06g51150.1	catalase isozyme B	2.97338	2.74612
LOC_Os02g47790.1	monodehydroascorbate reductase	2.63948	2.2001
LOC_Os02g40500.1	OsGrx_C2.1 - glutaredoxin subgroup I	1.933	3.05475
LOC_Os01g47760.1	OsGrx_I1 - glutaredoxin subgroup III	1.39305	3.80284
LOC_Os05g48930.1	OsGrx_S2 - glutaredoxin subgroup III	1.43077	3.4398
LOC_Os01g09830.1	OsGrx_A2 - glutaredoxin subgroup III	1.37615	3.30152
LOC_Os07g08840.1	thioredoxin	2.01864	2.18431
LOC_Os04g46960.1	glutathione peroxidase domain containing protein	1.8743	2.11115
LOC_Os02g56850.1	glutathione reductase	1.41391	2.39947
LOC_Os07g06600.1	glutaredoxin	1.04238	2.61834
LOC_Os02g44500.1	glutathione peroxidase	0.99235	2.34303
LOC_Os01g13950.1	OsGrx_A1 - glutaredoxin subgroup III	0.90013	1.81296
LOC_Os03g44650.1	glutaredoxin	0.91393	1.61658
LOC_Os07g48510.1	thioredoxin	1.29378	1.57255
LOC_Os03g13140.1	non-symbiotic hemoglobin 2	-0.146	2.24792
LOC_Os10g34170.1	glutaredoxin domain containing protein	0.36887	2.09405
LOC_Os03g12510.1	non-symbiotic hemoglobin 2	-0.9419	1.56099

Redox(57)	LOC_Os04g44830.1	thioredoxin	1.35432	-1.5747
	LOC_Os01g63210.1	SOUL heme-binding protein	3.14351	0.24264
	LOC_Os12g08810.1	VTC2	2.77871	-0.0895
	LOC_Os01g07910.1	NADH-cytochrome b5 reductase	-1.9358	-1.9258
	LOC_Os08g29110.1	thioredoxin	-1.8721	-2.2378
	LOC_Os12g08730.1	thioredoxin	-2.1259	-2.1429
	LOC_Os02g35900.1	thioredoxin	-2.1555	-2.2954
	LOC_Os06g12630.1	glutathione S-transferase, N-terminal domain containing protein	-2.1103	-2.4816
	LOC_Os02g01010.1	OsPDIL1-4 protein disulfide isomerase PDIL1-4	-1.5499	-1.6219
	LOC_Os07g09310.1	thioredoxin	-1.6219	-1.7271
	LOC_Os09g07570.1	ferredoxin-thioredoxin reductase catalytic chain, chloroplast precursor	-1.2784	-1.6048
	LOC_Os08g43560.1	OsAPx4 - Peroxisomal Ascorbate Peroxidase encoding gene 5,8,9	-1.3928	-1.629
	LOC_Os12g12170.1	cytochrome b5-like Heme/Steroid binding domain containing protein	-1.2283	-1.8774
	LOC_Os01g68480.1	thioredoxin	-1.3654	-1.9039
	LOC_Os08g41090.1	peroxidase precursor	-1.6226	-1.9917
	LOC_Os06g02500.1	superoxide dismutase, chloroplast	-1.5326	-2.2061
	LOC_Os02g42570.1	ferredoxin-thioredoxin reductase, variable chain	-1.3997	-2.0676
	LOC_Os02g02400.1	catalase isozyme A	-1.4491	-2.5196
	LOC_Os06g39690.1	SOUL heme-binding protein	-0.0289	-1.5163
	LOC_Os11g18170.1	glutathione peroxidase	-0.429	-1.5546
	LOC_Os08g29669.1	cytochrome b5-like Heme/Steroid binding domain containing protein	-0.4993	-1.6011
	LOC_Os05g06430.1	OsPDIL2-1 protein disulfide isomerase PDIL2-1	-0.8407	-1.6677
	LOC_Os04g44650.1	ferredoxin-thioredoxin reductase, variable chain	-0.7818	-1.7542
	LOC_Os07g29410.1	thioredoxin	-0.0172	-2.7446
	LOC_Os02g43360.1	cytochrome b5-like Heme/Steroid binding domain containing protein	-1.5656	-0.0485
	LOC_Os01g16152.1	peroxiredoxin	-1.5427	-0.211
	LOC_Os09g27830.1	OsPDIL2-3 protein disulfide isomerase PDIL2-3	-1.905	-0.6379
	LOC_Os06g09610.1	peroxiredoxin	-2.0511	-0.8595
	LOC_Os04g33970.1	2-Cys peroxiredoxin BAS1, chloroplast precursor	-1.717	-0.9989
	LOC_Os01g67520.1	VTC2	-1.541	-1.068
	LOC_Os11g32500.1	rubredoxin family protein	-3.8777	-2.574
	LOC_Os02g09940.1	peroxiredoxin	-3.4319	-1.7592
	LOC_Os12g16200.1	glutathione synthetase, chloroplast precursor	-2.7733	-1.9822
	LOC_Os07g46410.1	bifunctional thioredoxin reductase/thioredoxin	-2.6838	-2.3215
	LOC_Os02g33450.1	peroxiredoxin	-2.4282	-1.5925
	LOC_Os04g51300.1	peroxidase precursor	-2.8359	-1.1174
	LOC_Os03g18030.1	leucoanthocyanidin dioxygenase	3.86404	7.16888
	LOC_Os08g02030.1	transferase family protein	4.20415	7.15634
	LOC_Os02g07160.1	glyoxalase family protein	5.51081	3.10733
	LOC_Os07g34260.1	chalcone and stilbene synthases	-0.3977	5.66409
	LOC_Os12g15680.1	laccase precursor protein	1.93113	5.0511
	LOC_Os01g08380.1	transferase family protein	2.48292	4.96584
	LOC_Os08g07100.1	terpene synthase	1.51154	4.49986
	LOC_Os10g23310.1	transferase family protein	-0.2047	4.00106
	LOC_Os08g01980.1	transferase family protein	1.83334	3.19066
	LOC_Os04g56900.1	transferase family protein	1.64015	3.79675
	LOC_Os06g10210.1	expressed protein	1.25803	3.75407
	LOC_Os01g63480.1	transferase family protein	0.21755	3.38918
	LOC_Os04g27670.1	terpene synthase family, metal binding domain containing protein	0.9786	3.37327
	LOC_Os09g31970.1	3-hydroxy-3-methylglutaryl-coenzyme A reductase	0.63741	3.34966
	LOC_Os01g09010.1	transferase family protein	0.7749	3.04498
	LOC_Os12g15530.1	retrotransposon protein, unclassified	0.77196	3.18205
	LOC_Os01g23530.1	terpene synthase	1.18544	2.62533
	LOC_Os02g28220.1	transferase family protein	0.55943	2.49988
	LOC_Os04g27190.1	terpene synthase	2.54668	2.12794
	LOC_Os06g05320.1	transferase family protein	1.69198	1.54964
	LOC_Os06g44620.1	AMP-binding domain containing protein	1.84324	1.64853

	LOC_Os01g02020.1	acetyl-CoA acetyltransferase, cytosolic	1.873	1.54252
	LOC_Os04g51990.1	transferase family domain containing protein	0.95614	1.92279
	LOC_Os08g38910.1	caffeoyl-CoA O-methyltransferase	0.98677	1.79537
	LOC_Os05g50250.1	cinnamoyl-CoA reductase-related	0.48684	1.87374
	LOC_Os11g19840.1	O-methyltransferase	0.59358	1.79043
	LOC_Os02g48330.1	3-hydroxy-3-methylglutaryl-coenzyme A reductase	0.73446	1.68277
	LOC_Os04g57180.1	flavonol synthase/flavanone 3-hydroxylase	0.16317	1.62402
	LOC_Os03g24640.1	terpene synthase	0.11349	1.61419
	LOC_Os04g43800.1	phenylalanine ammonia-lyase	-2.1922	1.86518
	LOC_Os09g20090.1	L-ascorbate oxidase precursor	-1.1032	2.33441
	LOC_Os07g09190.1	transketolase	-1.2242	1.93981
	LOC_Os10g23820.1	transferase family protein	-0.8505	1.66696
	LOC_Os08g34790.1	AMP-binding domain containing protein	-0.3744	1.66455
	LOC_Os07g17970.1	AMP-binding domain containing protein	-1.9021	0.67671
	LOC_Os04g15920.1	dehydrogenase	-2.3994	0.58383
	LOC_Os01g62480.1	laccase precursor protein	-1.615	0.18537
	LOC_Os04g09900.1	ent-kaurene synthase, chloroplast precursor	-2.8611	-0.4215
	LOC_Os02g36210.1	ent-kaurene synthase, chloroplast precursor	-3.0286	-0.4528
	LOC_Os02g56700.1	dehydrogenase	-2.7822	-0.5946
	LOC_Os07g11440.1	chalcone synthase	-2.4701	-0.4751
	LOC_Os05g33840.1	transketolase	-2.1375	-0.6039
	LOC_Os01g52010.1	alliin lyase precursor	-1.5258	-0.4128
	LOC_Os04g27790.1	terpene synthase	-1.6782	-0.5014
	LOC_Os06g44180.1	NAD dependent epimerase/dehydratase family protein	-1.5783	-0.8528
Secondary metabolite(90)	LOC_Os04g10060.1	ent-kaurene synthase, chloroplast precursor	-3.8983	-0.8745
	LOC_Os11g32650.1	chalcone synthase	-3.8684	-1.8842
	LOC_Os02g08230.1	WAX2	-3.2473	-2.1082
	LOC_Os07g42250.1	strictosidine synthase	-3.0245	-2.5649
	LOC_Os01g39960.1	lycopene epsilon cyclase, chloroplast precursor	-2.7811	-1.5752
	LOC_Os11g02440.1	chalcone--flavonone isomerase	-3.0689	-1.8312
	LOC_Os07g43370.1	amine oxidase family protein	-2.8858	-1.7175
	LOC_Os06g51290.1	phytoene synthase, chloroplast precursor	-2.89	-1.7867
	LOC_Os04g31040.1	violaxanthin de-epoxidase	-2.9194	-1.8707
	LOC_Os01g01650.1	isoflavone reductase homolog IRL	-3.3259	-1.4518
	LOC_Os08g04500.1	terpene synthase	-0.0304	-3.717
	LOC_Os12g16410.1	isoflavone reductase	-0.4127	-1.5947
	LOC_Os06g41810.1	reductase	-0.3911	-1.6706
	LOC_Os02g39160.1	hydroxymethylbutenyl 4-diphosphate synthase	0.12432	-1.8869
	LOC_Os10g39710.1	strictosidine synthase	-1.1207	-1.5103
	LOC_Os08g38900.1	caffeoyl-CoA O-methyltransferase	-0.9053	-1.5124
	LOC_Os02g47310.1	Cyclopropane-fatty-acyl-phospholipid synthase	-0.848	-1.6024
	LOC_Os01g56380.1	decarboxylase	-1.0256	-1.752
	LOC_Os01g18744.1	transferase family protein	-1.2442	-1.7754
	LOC_Os08g01950.1	transferase family protein	-1.2035	-1.8439
	LOC_Os09g23550.1	dehydrogenase	-0.5867	-2.1429
	LOC_Os01g07500.1	alliin lyase precursor	-0.4283	-2.2035
	LOC_Os04g53860.1	reductase	-0.9342	-2.0817
	LOC_Os07g23150.1	transferase family protein	-1.05	-2.2581
	LOC_Os06g19530.1	oxidoreductase, short chain dehydrogenase/reductase family	-0.8392	-2.3385
	LOC_Os02g57480.1	transferase family protein	-0.7946	-2.6278
	LOC_Os11g48110.1	phenylalanine ammonia-lyase	-1.9911	-3.1276
	LOC_Os12g33610.1	phenylalanine ammonia-lyase	-2.5175	-3.5902
	LOC_Os01g01710.1	1-deoxy-D-xylulose 5-phosphate reductoisomerase, chloroplast precursor	-1.7754	-2.4251
	LOC_Os12g17320.1	polyprenyl synthetase	-1.9879	-2.586
	LOC_Os04g40730.1	oxidoreductase, short chain dehydrogenase/reductase family	-1.303	-2.4655
	LOC_Os11g42480.1	transferase family domain containing protein	-1.1335	-2.5015
	LOC_Os01g24790.1	transferase family protein	-1.5599	-2.8207
	LOC_Os08g09370.1	polyprenyl synthetase	-1.3371	-2.773
	LOC_Os12g42090.1	methyltransferase domain containing protein	-2.2091	-1.7727
	LOC_Os05g19910.1	transferase family protein	-2.1342	-1.4975

LOC_Os02g51080.1	FAD binding domain containing protein	-2.2759	-1.5709
LOC_Os01g51980.1	alliin lyase precursor	-2.3327	-1.4281
LOC_Os02g01920.1	GHMP kinases ATP-binding protein	-1.7048	-1.9164
LOC_Os09g25850.1	WAX2	-1.812	-2.043
LOC_Os08g14760.1	AMP-binding domain containing protein	-1.5367	-1.9736
LOC_Os08g05790.1	caffeoyl-CoA O-methyltransferase	-1.4718	-2.0934
LOC_Os02g46970.1	AMP-binding domain containing protein	-1.6626	-1.6515
LOC_Os08g43040.1	transferase family protein	-1.4996	-1.7076
LOC_Os03g53950.1	strictosidine synthase	-1.7718	-1.4978
LOC_Os02g47840.1	universal stress protein domain containing protein	2.73729	4.10102
LOC_Os02g32520.1	ERD1 protein, chloroplast precursor	1.36427	3.31218
LOC_Os02g08490.1	chaperone protein clpB 1	2.69825	3.39899
LOC_Os01g62290.1	DnaK family protein	4.43523	3.38429
LOC_Os08g09080.1	Cupin domain containing protein	4.07048	3.48268
LOC_Os03g48770.1	Cupin domain containing protein	4.3379	3.23227
LOC_Os05g07810.1	universal stress protein domain containing protein	2.61079	3.04261
LOC_Os08g09770.1	DnaK family protein	1.69013	2.93604
LOC_Os05g48810.1	dnaJ domain containing protein	1.93438	2.75661
LOC_Os08g09060.1	Cupin domain containing protein	3.83055	2.32801
LOC_Os03g11910.1	DnaK family protein	2.33224	2.28863
LOC_Os08g08990.1	Cupin domain containing protein	3.44405	3.45098
LOC_Os02g52150.1	heat shock 22 kDa protein, mitochondrial precursor	1.73933	2.66238
LOC_Os03g15960.1	hsp20/alpha crystallin family protein	3.25626	2.46107
LOC_Os08g09020.1	Cupin domain containing protein	3.18911	1.97407
LOC_Os11g12340.1	disease resistance protein RPM1	-1.7947	-1.8315
LOC_Os05g51630.1	early-responsive to dehydration protein-related	-1.7565	-1.9762
LOC_Os05g12400.1	BURP domain containing protein	-2.3034	-1.5303
LOC_Os04g53490.1	OsCHL Chloroplastic lipocalin	-2.8897	-1.5454
LOC_Os02g36570.1	ABC1 family domain containing protein	-1.8263	-1.9797
LOC_Os04g57880.1	heat shock protein DnaJ	-2.5713	-2.4796
LOC_Os11g06980.1	BURP domain containing protein	-2.7287	-2.2997
LOC_Os03g18200.1	heat shock protein DnaJ	-2.7699	-2.4114
LOC_Os05g12640.1	BURP domain containing protein	-3.8922	-2.702
LOC_Os05g23140.1	retrotransposon protein, LINE subclass	1.36072	2.58134
LOC_Os09g34160.1	resistance protein	-0.3305	4.67186
LOC_Os06g09560.1	heat shock protein DnaJ	0.60545	3.86839
LOC_Os01g42190.1	heat shock protein DnaJ	-0.4084	2.44384
LOC_Os08g08970.1	Cupin domain containing protein	-0.8739	3.04305
LOC_Os05g03630.1	dnaJ domain containing protein	1.38237	2.74251
LOC_Os02g47650.1	universal stress protein domain containing protein	0.73539	2.7405
LOC_Os01g70790.1	SRC2 protein	0.82616	2.70487
LOC_Os01g04340.1	hsp20/alpha crystallin family protein	1.35024	2.75493
LOC_Os05g30480.1	DnaK family protein	0.0716	2.37718
LOC_Os06g17970.1	NBS-LRR disease resistance protein	-2.428	-2.0446
LOC_Os11g05820.1	transposon protein, Mutator sub-class	1.52237	1.30313
LOC_Os11g45130.1	pollen signalling protein with adenylyl cyclase activity	-1.3181	-3.2038
LOC_Os08g40690.1	glycosyl hydrolase	-1.9103	1.7474
LOC_Os01g49320.1	glycosyl hydrolase	-2.5984	-2.5169
LOC_Os10g34920.1	secretory protein	1.00558	4.22955
LOC_Os07g03730.1	SCP-like extracellular protein	2.14839	-0.1157
LOC_Os07g04910.1	reticulon domain containing protein	-0.2443	-1.6192
LOC_Os04g58850.1	harpin-induced protein 1 domain containing protein	0.3637	2.5615
LOC_Os02g39884.1	expressed protein	-0.0267	1.92049
LOC_Os11g16530.1	mal	-0.7061	-1.7604
LOC_Os11g47530.1	glycosyl hydrolase	-2.3719	0.74533
LOC_Os01g64450.1	harpin-induced protein 1 domain containing protein	-1.5988	-0.4036
LOC_Os12g43380.1	thaumatin	-2.8545	-1.2016
LOC_Os06g25010.1	glycosyl hydrolase	0.83913	3.61388
LOC_Os03g45960.1	thaumatin	-0.3	3.24272
LOC_Os04g12830.1	expressed protein	-0.5283	-2.3934
LOC_Os05g04584.1	transferase family protein	-1.4308	-3.6217
LOC_Os03g46070.1	thaumatin	-2.5542	-1.0765
LOC_Os03g48750.1	Cupin domain containing protein	1.1823	2.71677

	LOC_Os10g05660.1	thaumatin	1.59368	3.49884
	LOC_Os12g14440.1	Jacalin-like lectin domain containing protein	2.33394	5.55109
	LOC_Os04g58090.1	harpin-induced protein 1 domain containing protein	1.93886	6.05295
	LOC_Os01g62260.1	thaumatin	3.32308	5.48709
	LOC_Os05g15880.1	glycosyl hydrolase	2.51884	6.34708
	LOC_Os07g03279.1	SCP-like extracellular protein	4.6247	2.09708
	LOC_Os07g36560.1	transferase family protein	-3.0746	2.21353
	LOC_Os12g06260.1	harpin-induced protein 1 domain containing protein	-2.4576	-1.7782
	LOC_Os01g28450.1	SCP-like extracellular protein	-5.2189	-2.3538
	LOC_Os01g53090.1	pathogen-related protein	1.67615	-3.8944
	LOC_Os07g03600.1	SCP-like extracellular protein	-0.1094	4.48249
	LOC_Os03g14050.1	thaumatin-like protein 1 precursor	1.93483	2.68345
	LOC_Os09g32080.1	CHIT13 - Chitinase family protein precursor	-1.5941	-1.7161
	LOC_Os10g34910.1	secretory protein	0.67907	4.41876
	LOC_Os06g51060.1	CHIT8 - Chitinase family protein precursor	0.83305	3.12041
	LOC_Os11g37950.1	WIP3 - Wound-induced protein precursor	-1.3019	2.94565
	LOC_Os11g47600.1	glycosyl hydrolase	-1.2725	2.89316
	LOC_Os03g04060.1	CHIT16 - Chitinase family protein precursor	-3.6183	-1.2106
	LOC_Os08g28790.1	dirigent	-2.4437	-1.4755
	LOC_Os11g47500.1	glycosyl hydrolase	1.254	3.34128
	LOC_Os04g54830.1	expressed protein	-0.085	2.22514
	LOC_Os06g51050.1	CHIT7 - Chitinase family protein precursor	-0.6489	2.09448
	LOC_Os12g43490.1	thaumatin	-0.3117	2.45205
	LOC_Os03g46060.1	thaumatin family domain containing protein	-1.4669	1.61825
	LOC_Os11g06290.1	expressed protein	-0.8739	-1.7103
	LOC_Os07g01250.1	tobamovirus multiplication protein	0.39001	-2.4242
	LOC_Os01g64110.1	glycosyl hydrolase	-1.5634	0.36206
	LOC_Os12g43450.1	thaumatin family domain containing protein	-1.9799	-0.3736
	LOC_Os12g43390.1	thaumatin	-2.8867	-0.9971
	LOC_Os01g47070.1	glycosyl hydrolase	-2.344	-1.0481
	LOC_Os10g39680.1	CHIT14 - Chitinase family protein precursor	-3.1177	0.08255
	LOC_Os12g03080.1	rp3 protein	-0.0293	-2.1685
	LOC_Os01g53020.1	heat shock protein DnaJ	-0.9401	-2.281
	LOC_Os03g28940.1	ZIM domain containing protein	1.14069	3.48471
Stress(177)	LOC_Os12g12130.1	verticillium wilt disease resistance protein	-0.7757	-2.6086
	LOC_Os03g58980.1	Cupin domain containing protein	-1.4107	-2.6278
	LOC_Os03g31300.1	chaperone protein clpB 1	2.89525	1.43392
	LOC_Os02g33420.1	ATPase, AAA family protein	1.81872	1.42703
	LOC_Os12g05880.1	Cupin domain containing protein	1.99617	1.13563
	LOC_Os06g46900.1	phosphosulfolactate synthase-related protein	2.25525	1.30961
	LOC_Os03g18870.1	heat shock protein DnaJ	-1.6043	0.53941
	LOC_Os03g12820.1	ATP8	6.05403	8.00181
	LOC_Os03g14180.1	hsp20/alpha crystallin family protein	7.47608	6.25957
	LOC_Os03g16920.1	DnaK family protein	5.19922	5.85485
	LOC_Os11g35980.1	leucine rich repeat protein	-1.3727	-2.3596
	LOC_Os02g17710.1	receptor-like protein kinase 5 precursor	-1.8511	-0.9271
	LOC_Os04g36750.1	hsp20/alpha crystallin family protein	8.98461	8.16358
	LOC_Os03g16040.1	hsp20/alpha crystallin family protein	6.9077	7.06241
	LOC_Os02g54140.1	hsp20/alpha crystallin family protein	7.15772	6.53752
	LOC_Os03g16020.1	hsp20/alpha crystallin family protein	7.52783	7.6493
	LOC_Os04g01740.1	heat shock protein	7.27985	6.72514
	LOC_Os12g26290.1	alpha-DOX2	4.4853	6.00439
	LOC_Os05g44340.1	heat shock protein 101	7.49195	8.4759
	LOC_Os02g12610.1	hsp20/alpha crystallin family protein	5.42861	6.81456
	LOC_Os08g09010.1	Cupin domain containing protein	4.66929	5.3863
	LOC_Os01g04370.1	hsp20/alpha crystallin family protein	3.92738	4.60293
	LOC_Os07g36600.1	universal stress protein domain containing protein	1.99109	4.391
	LOC_Os08g08920.1	Cupin domain containing protein	1.49918	1.79156
	LOC_Os03g03700.1	MLO domain containing protein	0.43138	1.90487
	LOC_Os11g12330.1	disease resistance protein RPM1	-0.8349	1.69201
	LOC_Os04g45480.1	heat shock protein STI	0.08043	1.83145
	LOC_Os08g39140.1	heat shock protein	1.47556	1.81184
	LOC_Os09g34150.1	NBS-LRR disease resistance protein	-1.0905	1.8084

LOC_Os02g16270.1	xa1	1.08943	1.59064
LOC_Os10g04090.1	disease resistance RPP13-like protein 1	-0.6351	-1.5496
LOC_Os10g42280.1	cyclase/dehydrase family protein	-0.4841	-1.6307
LOC_Os01g24790.1	transferase family protein	-1.5599	-2.8207
LOC_Os04g59590.1	methyltransferase	-0.2544	-1.7032
LOC_Os01g08560.1	DnaK family protein	0.79183	1.66255
LOC_Os07g33690.1	NBS-LRR type disease resistance protein Hom-F	-0.8069	1.55595
LOC_Os04g58420.1	MLO domain containing protein	1.06318	1.53508
LOC_Os11g10760.1	NBS-LRR disease resistance protein	0.65008	1.54302
LOC_Os03g18600.1	cyclase/dehydrase family protein	-0.8492	-1.5301
LOC_Os08g03520.1	retrotransposon protein, Ty1-copia subclass	0.47347	-1.6029
LOC_Os01g09010.1	transferase family protein	0.7749	3.04498
LOC_Os05g31570.1	disease resistance protein RGA4	-0.6049	-1.677
LOC_Os11g37759.1	stripe rust resistance protein Yr10	-1.04	-1.6924
LOC_Os07g32950.1	dnaJ C terminal region family protein	-0.4656	-1.8452
LOC_Os01g04380.1	hsp20/alpha crystallin family protein	5.30208	5.43536
LOC_Os05g19910.1	transferase family protein	-2.1342	-1.4975
LOC_Os01g61880.1	respiratory burst oxidase	-0.9465	-1.7066
LOC_Os03g16030.1	hsp20/alpha crystallin family protein	8.08334	9.41967
LOC_Os05g41310.1	disease resistance protein RGA2	-0.1148	-1.9346
LOC_Os10g36690.1	dehydration response related protein	0.45159	1.54259
LOC_Os01g18744.1	transferase family protein	-1.2442	-1.7754
LOC_Os08g35160.1	heat shock protein DnaJ	-1.47	-1.6502
LOC_Os09g09490.1	disease resistance protein RPM1	-1.3396	-1.5928
LOC_Os05g44360.1	oligosaccharyl transferase	-0.7735	-1.6495
LOC_Os01g35050.1	early-responsive to dehydration protein-related	-0.838	-1.6846
LOC_Os06g49360.1	NBS-LRR disease resistance protein	-0.7367	-1.8361
LOC_Os04g54630.1	expressed protein	-0.8617	-1.8384
LOC_Os08g13440.1	cupin domain containing protein	-0.2109	-1.9578
LOC_Os01g50622.1	DNA-binding protein DSP1	-1.2182	-1.988
LOC_Os05g33130.1	CHIT17 - Chitinase family protein precursor	4.02024	6.18981
LOC_Os11g39260.1	NBS-LRR disease resistance protein	1.93429	2.96086
LOC_Os10g39220.1	tobamovirus multiplication protein	1.92517	3.19179
LOC_Os04g41620.1	CHIT2 - Chitinase family protein precursor	-2.2551	-1.6301
LOC_Os10g34930.1	secretory protein	0.51746	4.36566
LOC_Os03g14030.1	thaumatin	-2.4958	-0.3707
LOC_Os09g10054.1	disease resistance protein RPS2	-1.0414	-2.2
LOC_Os10g37770.1	dehydration response related protein	-1.4418	-2.5623
LOC_Os03g14900.1	NB-ARC/LRR disease resistance protein	-0.9723	-2.9251
LOC_Os01g06520.1	verticillium wilt disease resistance protein	-0.3618	-3.0575
LOC_Os05g06440.1	dnaJ homolog subfamily B member 11 precursor	-2.1142	1.32112
LOC_Os05g45350.1	dnaJ domain containing protein	2.2519	1.21407
LOC_Os01g53240.1	BURP domain containing protein	-2.6859	-0.418
LOC_Os12g28100.1	NBS-LRR disease resistance protein	-1.6838	-1.0891
LOC_Os11g47760.1	DnaK family protein	2.28425	0.48298
LOC_Os10g22590.1	POEI24 - Pollen Ole e I allergen and extensin family protein precursor	-1.9877	-0.2773
LOC_Os06g02620.1	chaperone protein dnaJ	1.66208	-0.1092
LOC_Os08g44850.1	C2 domain containing protein	-2.6822	-0.4396
LOC_Os08g09000.1	Cupin domain containing protein	3.29026	0.39322
LOC_Os01g18170.1	Cupin domain containing protein	-1.5811	0.01945
LOC_Os01g72290.1	expressed protein	-1.954	-0.4887
LOC_Os09g26660.1	ferric reductase	-1.8492	-0.8062
LOC_Os08g35760.1	Cupin domain containing protein	-3.8614	-0.7353
LOC_Os09g35630.1	BAG domain-containing protein	-2.4581	-0.8422
LOC_Os12g17090.1	stripe rust resistance protein Yr10	-1.746	-0.9324
LOC_Os07g05570.1	ERD4 protein	-2.1107	-1.1136
LOC_Os10g04290.1	transposon protein, CACTA, En/Spm sub-class	-1.9199	-1.1149
LOC_Os02g03570.1	hsp20/alpha crystallin family protein	-1.6016	-1.2725
LOC_Os01g06876.1	Cf-2	-2.1731	-1.335
LOC_Os01g14670.1	Cupin domain containing protein	-2.5665	-1.3794
LOC_Os05g09440.1	NADP-dependent malic enzyme, chloroplast precursor	3.61993	4.30806

	LOC_Os08g36630.1	bifunctional monodehydroascorbate reductase and carbonic anhydrasenectarin-3 precursor	1.99408	3.74506
	LOC_Os04g40310.1	dehydrogenase	0.67935	2.1099
	LOC_Os03g04410.1	aconitate hydratase protein	1.13609	1.95983
	LOC_Os07g49520.1	2-oxoglutarate dehydrogenase E1 component, mitochondrial precursor	1.21324	1.84626
	LOC_Os01g16900.1	dehydrogenase	0.46709	1.51231
	LOC_Os07g07470.1	transketolase	2.38018	2.19287
	LOC_Os09g28910.1	carbonic anhydrase, chloroplast precursor	2.52612	0.98412
	LOC_Os04g02900.1	dehydrogenase E1 component domain containing protein	1.80533	-0.6692
TCA cycle(18)	LOC_Os08g32750.1	bifunctional monodehydroascorbate reductase and carbonic anhydrasenectarin-3 precursor	1.60679	-3.2725
	LOC_Os12g42230.1	transketolase	-0.1633	-2.2106
	LOC_Os05g49880.1	lactate/malate dehydrogenase	-0.7732	-1.8414
	LOC_Os11g47120.1	DEFL48 - Defensin and Defensin-like DEFL family	-0.9978	-1.9638
	LOC_Os08g33440.1	2-oxo acid dehydrogenases acyltransferase domain containing protein	-0.9797	-2.5
	LOC_Os07g43700.1	lactate/malate dehydrogenase	-0.8101	-3.6231
	LOC_Os08g44810.1	lactate/malate dehydrogenase	-2.4548	-2.0934
	LOC_Os04g33660.1	bifunctional monodehydroascorbate reductase and carbonic anhydrasenectarin-3 precursor	-2.0619	-2.6533
	LOC_Os01g45274.1	carbonic anhydrase, chloroplast precursor	-1.9039	-0.9902
	LOC_Os01g44050.1	siroheme synthase	1.92379	3.73106
	LOC_Os04g41260.1	amine oxidase, flavin-containing, domain containing protein	1.79397	2.97929
	LOC_Os03g44150.1	aminotransferase	2.22422	1.0797
	LOC_Os06g40080.1	heme oxygenase 1	1.59404	0.38101
	LOC_Os01g18320.1	protoporphyrinogen oxidase, chloroplast precursor	-3.2828	-1.765
	LOC_Os05g28200.1	prenyltransferase	-3.0988	-1.9925
	LOC_Os11g16550.1	uncharacterized protein ycf53	-2.9527	-2.041
	LOC_Os03g36540.1	magnesium-chelatase subunit chlI, chloroplast precursor	-2.7026	-2.5102
Tetrapyrrole synthesis(18)	LOC_Os06g04150.1	magnesium-protoporphyrin O-methyltransferase	-3.4041	-3.0771
	LOC_Os10g27450.1	tetrapyrrole methylase family protein	-0.2547	-1.5672
	LOC_Os03g22780.1	DVR	-0.4256	-1.6896
	LOC_Os01g17170.1	magnesium-protoporphyrin IX monomethyl ester cyclase,chloroplast precursor	-1.5622	-2.2473
	LOC_Os01g11230.1	SOUL heme-binding protein	-0.9987	-2.4692
	LOC_Os10g28370.1	chlorophyllase-2, chloroplast precursor	-0.8607	-3.0269
	LOC_Os02g19440.1	sirohydrochlorin ferrochelatase	-1.5559	-1.2752
	LOC_Os03g21900.1	uroporphyrinogen decarboxylase	-1.8825	-1.7115
	LOC_Os03g20700.1	magnesium-chelatase	-1.8755	-1.7764
	LOC_Os03g59640.1	magnesium-chelatase subunit chlD, chloroplast precursor	-2.2908	-1.4702
	LOC_Os03g05750.1	heavy-metal-associated domain-containing protein	2.12491	6.33189
	LOC_Os03g11900.1	transporter family protein	2.32553	5.02769
	LOC_Os10g21590.1	transporter family protein	4.14473	4.70163
	LOC_Os07g47100.1	transporter, monovalent cation:proton antiporter-2 family	3.35553	4.17289
	LOC_Os05g31670.1	AWPM-19-like membrane family protein	0.25922	3.84581
	LOC_Os01g50100.1	ABC transporter, ATP-binding protein	-0.485	3.50794
	LOC_Os04g50940.1	peptide transporter PTR2	1.13255	3.99207
	LOC_Os01g42380.1	pleiotropic drug resistance protein	0.35646	3.19258
	LOC_Os04g45130.1	heavy-metal-associated domain-containing protein	0.24277	2.85735
	LOC_Os01g52130.1	sulfate transporter	0.50442	2.67989
	LOC_Os08g43120.1	Plant PDR ABC transporter associated domain containing protein	0.52305	2.59533
	LOC_Os10g35050.1	aquaporin protein	0.30863	2.55123
	LOC_Os01g42370.1	pleiotropic drug resistance protein	0.18783	2.49127
	LOC_Os08g10550.1	potassium transporter	1.24218	3.44577
	LOC_Os08g03600.1	expressed protein	0.92222	3.33778
	LOC_Os11g37700.1	pleiotropic drug resistance protein	0.89223	3.16199
	LOC_Os10g30450.1	heavy-metal-associated domain-containing protein	1.61935	3.07872
	LOC_Os07g37100.1	nucleoside transporter	1.55249	3.03714
	LOC_Os10g20470.1	MATE efflux family protein	1.37116	3.075
	LOC_Os08g36340.1	potassium transporter	1.43666	3.00509
	LOC_Os06g15910.1	potassium transporter	1.34856	2.96044

LOC_Os01g42410.1	pleiotropic drug resistance protein	0.83562	2.88277
LOC_Os02g39910.1	B4-BTB1 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with B4 subfamily conserved sequence	0.90458	2.52886
LOC_Os01g38680.1	transporter family protein	1.28358	2.59287
LOC_Os07g01560.1	transporter family protein	1.18101	2.58791
LOC_Os09g29660.1	white-brown complex homolog protein 11	1.32023	2.30858
LOC_Os06g50180.1	DUF803 domain containing	-0.3434	1.984
LOC_Os01g55500.1	nucleobase-ascorbate transporter	-0.2558	1.79135
LOC_Os03g20949.1	phospholipid-transporting ATPase	-0.2801	1.70547
LOC_Os01g50440.1	AWPM-19-like membrane family protein	0.01502	1.58845
LOC_Os08g03350.1	amino acid transporter	-0.7541	2.00289
LOC_Os04g38680.1	transmembrane amino acid transporter protein	-0.673	1.77272
LOC_Os11g42790.1	transporter, monovalent cation:proton antiporter-2 family	-0.706	1.52401
LOC_Os07g37180.1	ABC1 family domain containing protein	0.25115	2.20249
LOC_Os05g02890.1	white-brown complex homolog protein 16	0.71527	2.16768
LOC_Os04g13210.1	multidrug resistance-associated protein	0.32104	1.89869
LOC_Os10g20350.1	MATE efflux family protein	0.19661	1.84297
LOC_Os03g60850.1	peptide transporter PTR2	0.58792	1.94465
LOC_Os03g27960.1	sodium/calcium exchanger protein	0.45648	1.78078
LOC_Os12g39420.1	nucleobase-ascorbate transporter	0.33574	1.5721
LOC_Os01g42234.1	amino acid permease family protein	0.48579	1.55227
LOC_Os02g46380.1	purine permease	0.45526	1.53403
LOC_Os04g44320.1	transposon protein, unclassified	0.47597	1.51871
LOC_Os01g51770.1	outer mitochondrial membrane porin	0.89753	1.7187
LOC_Os12g42850.1	amino acid permease	0.73138	1.68219
LOC_Os06g16420.1	amino acid transporter	0.87408	1.53552
LOC_Os01g61510.1	ammonium transporter protein	0.67741	1.52469
LOC_Os01g70490.1	potassium transporter	0.72582	1.50154
LOC_Os09g31130.1	citrate transporter	2.8409	3.4698
LOC_Os06g14030.1	potassium channel SKOR	3.41623	2.93361
LOC_Os11g04030.1	major facilitator superfamily antiporter	2.87856	2.88958
LOC_Os09g16330.1	pleiotropic drug resistance protein	2.06266	3.64286
LOC_Os02g09810.1	amino acid transporter	2.2174	3.54375
LOC_Os07g37320.1	transporter family protein	2.18817	3.54298
LOC_Os01g41420.1	transmembrane amino acid transporter protein	2.31869	3.22773
LOC_Os05g11560.1	aquaporin protein	2.1306	3.17968
LOC_Os01g07730.1	phosphate/phosphoenolpyruvate translocator-related protein	2.0085	2.77739
LOC_Os09g38130.1	auxin efflux carrier component	1.92927	2.76785
LOC_Os03g05620.1	inorganic phosphate transporter	2.17886	2.64124
LOC_Os03g06090.1	high-affinity nickel-transport family protein	1.69441	2.77696
LOC_Os11g41870.1	transporter family protein	1.65299	2.67181
LOC_Os02g02190.1	transporter, major facilitator family	1.68473	2.65536
LOC_Os11g05700.1	ABC transporter family protein	1.72637	2.47828
LOC_Os01g65670.1	amino acid transporter	2.31742	2.12877
LOC_Os02g47090.1	peptide transporter PTR2	2.19294	2.01201
LOC_Os01g61044.1	transmembrane amino acid transporter protein	2.76667	1.93061
LOC_Os06g45500.1	copper-transporting ATPase	1.51705	1.97902
LOC_Os05g48040.1	MATE efflux family protein	1.07526	1.94306
LOC_Os05g10740.1	pollen-specific protein SF21	1.07717	1.86425
LOC_Os04g35540.1	amino acid permease family protein	1.00515	1.85035
LOC_Os02g09720.1	multidrug resistance protein	1.27369	1.96487
LOC_Os01g73530.1	ABC transporter, ATP-binding protein	1.23819	1.78993
LOC_Os02g43860.1	amino acid permease	1.71994	1.8002
LOC_Os03g37984.1	amino acid permease family protein	1.68329	1.58261
LOC_Os03g60260.1	ANT1	1.64041	1.52807
LOC_Os06g43700.1	transmembrane amino acid transporter protein	1.45546	1.60607
LOC_Os04g50950.1	peptide transporter PTR2	1.34038	1.5715
LOC_Os02g44980.1	transmembrane amino acid transporter protein	1.75797	1.35168
LOC_Os02g14840.1	potassium channel KAT1	1.90941	1.31518
LOC_Os12g32760.1	transporter family protein	3.54973	0.86767
LOC_Os01g65380.1	patellin protein	1.56994	0.96326
LOC_Os06g43660.1	inorganic H+ pyrophosphatase	1.61383	0.74461

	LOC_Os03g43720.1	transporter family protein	1.9125	0.70026
	LOC_Os02g49860.1	AWPM-19-like membrane family protein	1.78815	0.67419
	LOC_Os02g36490.1	expressed protein	1.7911	0.46411
	LOC_Os09g38410.1	sialin	1.59227	0.02595
	LOC_Os02g46460.1	peptide transporter PTR2	2.85561	0.01486
	LOC_Os06g15370.1	peptide transporter PTR2	2.37775	-0.1005
	LOC_Os03g37640.1	MATE efflux family protein	1.60674	-0.9509
	LOC_Os02g57160.1	ELMO/CED-12 family protein	0.88765	-1.6006
	LOC_Os01g07310.1	transporter-related	0.3557	-1.6845
	LOC_Os07g15370.1	metal transporter Nramp6	0.60422	-1.5783
	LOC_Os03g08880.1	purine permease	0.55801	-1.7685
	LOC_Os04g56160.1	plasma membrane ATPase	-0.0169	-1.5362
	LOC_Os02g53490.1	cation efflux family protein	-0.1702	-1.5049
	LOC_Os02g49060.1	amino acid transporter	-0.0801	-1.5937
	LOC_Os07g06130.1	ethylene-insensitive protein	-0.1387	-1.5837
	LOC_Os01g17240.1	transporter, major facilitator family	-0.1405	-1.6266
	LOC_Os01g01360.1	peptide transporter PTR2	-0.153	-1.687
	LOC_Os04g58620.1	potasium efflux antiporter protein	-0.2935	-1.6488
	LOC_Os06g08860.1	transporter family protein	-0.3069	-1.6739
	LOC_Os08g45030.1	multidrug resistance protein	-0.2741	-1.7635
	LOC_Os01g08020.1	boron transporter protein	-0.0739	-1.8591
	LOC_Os04g49757.1	purine permease	-0.0998	-1.8769
	LOC_Os07g47370.1	pentatricopeptide	-0.3133	-1.8673
	LOC_Os04g54790.1	ELMO/CED-12 family protein	-0.2979	-1.8988
	LOC_Os04g43070.1	ammonium transporter protein	-0.2016	-1.8474
	LOC_Os01g60230.1	auxin efflux carrier component	-0.2253	-1.9092
	LOC_Os01g60780.1	solute carrier family 35 member E3	0.06238	-1.8899
	LOC_Os03g62270.1	MATE efflux family protein	0.18927	-1.8678
	LOC_Os05g04600.1	ABC transmembrane transporter domain containing protein	0.17165	-1.9143
	LOC_Os07g03910.1	transporter, major facilitator superfamily domain containing protein	0.21628	-2.2175
	LOC_Os11g43860.1	sodium/calcium exchanger protein	-0.5686	-1.9497
	LOC_Os02g42220.1	transposon protein, unclassified	-0.4436	-1.8216
Transport(232)	LOC_Os07g37530.1	organic cation transporter-related	-0.4494	-1.9516
	LOC_Os04g37980.1	transporter family protein	-0.3656	-1.9547
	LOC_Os03g64150.1	MATE efflux family protein	-0.429	-2.1073
	LOC_Os12g37530.1	expressed protein	-0.5556	-2.137
	LOC_Os08g25624.1	phosphate/phosphate translocator	-0.5693	-2.1978
	LOC_Os12g01580.1	MATE efflux protein	-0.0758	-2.0961
	LOC_Os05g05590.1	transporter, monovalent cation:proton antiporter-2 family	-0.1279	-2.1902
	LOC_Os01g34850.1	OsHKT2;3 - Na+ transporter	-0.1483	-2.2053
	LOC_Os03g48180.1	peptide transporter PTR2	-0.2385	-2.2714
	LOC_Os04g47420.1	transmembrane amino acid transporter protein	-0.2921	-2.2951
	LOC_Os02g46850.1	oligopeptide transporter	-0.1889	-2.3201
	LOC_Os12g09300.1	amino acid transporter	0.1055	-2.5573
	LOC_Os06g36450.1	ferroportin1 domain containing protein	0.51386	-2.6412
	LOC_Os09g23300.1	integral membrane protein	0.70147	-2.6527
	LOC_Os06g29790.1	phosphate transporter 1	-2.0751	-4.1977
	LOC_Os01g37590.1	peptide transporter PTR2	-2.559	-4.6164
	LOC_Os03g10090.1	transporter family protein	-1.7715	-3.4242
	LOC_Os01g37690.1	sodium/calcium exchanger protein	-1.8071	-3.5229
	LOC_Os01g20830.1	heavy metal-associated domain containing protein	-1.4433	-4.0178
	LOC_Os05g51610.1	sodium/calcium exchanger protein	-0.5786	-3.1696
	LOC_Os06g48800.1	OsHKT2;4 - Na+ transporter	-0.2959	-2.9098
	LOC_Os08g38400.1	oligopeptide transporter	-0.4485	-2.9289
	LOC_Os05g02750.1	ABC transporter, membrane-spanning/permease subunit	-0.4757	-2.9372
	LOC_Os10g39440.1	transporter family protein	-0.2769	-3.1757
	LOC_Os05g04610.1	ABC transporter, ATP-binding protein	-0.3864	-3.8823
	LOC_Os07g24230.1	integral membrane transporter family protein	0.03242	-4.4703
	LOC_Os07g26690.1	aquaporin protein	-2.1049	-2.2847
	LOC_Os04g51330.1	maltose excess protein 1-like, chloroplast precursor	-1.7777	-2.3564
	LOC_Os02g44630.1	aquaporin protein	-1.9112	-2.3943

LOC_Os07g01214.1	transposon protein, unclassified	-2.2188	-2.5111
LOC_Os03g54000.1	oligopeptide transporter	-2.3747	-2.6
LOC_Os06g02580.1	high-affinity nickel-transport family protein	-1.7483	-2.7387
LOC_Os07g31884.1	MATE efflux family protein	-1.3688	-2.7686
LOC_Os01g71720.1	amino acid permease family protein	-1.305	-3.0467
LOC_Os10g41190.1	transporter family protein	-1.4712	-3.2276
LOC_Os01g56400.1	ABC transporter, ATP-binding protein	-0.7738	-1.5744
LOC_Os03g63370.1	CRAL/TRIO domain containing protein	-0.8328	-1.6153
LOC_Os12g07650.1	OsGrx_S16 - glutaredoxin subgroup II	-1.055	-1.5923
LOC_Os07g43040.1	heavy metal-associated domain containing protein	-1.0779	-1.6519
LOC_Os07g26630.1	aquaporin protein	-0.9647	-1.6729
LOC_Os08g10630.1	metal cation transporter	-0.9307	-1.7304
LOC_Os09g27900.1	plastidic glucose transporter 1	-0.5006	-1.6922
LOC_Os09g23110.1	transporter family protein	-0.4434	-1.7119
LOC_Os01g74450.1	aquaporin protein	-0.5726	-1.6339
LOC_Os02g51110.1	aquaporin protein	-0.6055	-1.6878
LOC_Os06g29844.1	MATE efflux family protein	-0.5782	-1.7502
LOC_Os03g37411.1	MATE efflux family protein	-0.7178	-1.7574
LOC_Os01g50860.1	chloride transporter, chloride channel family	-0.6559	-1.8046
LOC_Os02g09150.1	inorganic H+ pyrophosphatase	-0.9237	-1.9511
LOC_Os03g12530.1	cation efflux family protein	-0.7893	-1.8587
LOC_Os03g25869.1	amino acid permease family protein	-0.7602	-1.8906
LOC_Os01g02000.1	phosphate transporter 1	-0.801	-1.8986
LOC_Os05g50280.1	transporter family protein	-0.8229	-1.9206
LOC_Os02g43110.1	sodium/calcium exchanger 1 precursor	-0.7485	-1.9633
LOC_Os01g11160.1	amino acid permease family protein	-1.0976	-1.9966
LOC_Os06g48810.1	OsHKT2;1 - Na+ transporter	-1.2105	-2.0146
LOC_Os10g42900.1	peptide transporter PTR2	-1.1856	-2.0249
LOC_Os04g44610.1	white-brown complex homolog protein 11	-1.1599	-2.1873
LOC_Os05g35410.1	potassium channel AKT2/3	-1.2262	-2.2953
LOC_Os02g35620.1	expressed protein	-0.8446	-2.3961
LOC_Os01g71710.1	amino acid permease family protein	-1.0645	-2.3038
LOC_Os06g12320.1	transmembrane amino acid transporter protein	-1.0239	-2.4156
LOC_Os12g03260.1	MATE efflux family protein	-0.9764	-2.4641
LOC_Os05g13520.1	white-brown complex homolog protein 12	-0.6592	-2.4852
LOC_Os11g09140.1	DUF803 domain containing	-0.7759	-2.6671
LOC_Os07g09370.1	pentatricopeptide	-1.7699	-1.7806
LOC_Os01g48680.1	two pore calcium channel protein 1	-1.7961	-1.9529
LOC_Os03g01170.1	transporter family protein	-1.6108	-2.1006
LOC_Os02g50280.1	pentatricopeptide	-1.5043	-1.798
LOC_Os11g29230.1	pentatricopeptide repeat protein PPR986-12	-1.4204	-1.6571
LOC_Os02g56200.1	ELMO/CED-12 family protein	-1.254	-1.5097
LOC_Os09g02214.1	Citrate transporter protein	-1.2522	-1.5589
LOC_Os04g45860.1	transposon protein, unclassified	-1.2208	-1.7181
LOC_Os09g27580.1	potassium transporter	-1.2904	-1.7374
LOC_Os06g01460.1	expressed protein	-1.6855	-1.5304
LOC_Os02g47010.1	secretory carrier-associated membrane protein	-1.6159	-1.0228
LOC_Os06g03700.1	oligopeptide transporter	-1.5425	-0.9982
LOC_Os12g37840.1	boron transporter protein	-1.5312	-1.0371
LOC_Os03g24860.1	transporter family protein	-1.5788	-1.0966
LOC_Os02g01210.1	amino acid transporter	-1.5247	-1.1575
LOC_Os04g16450.1	aquaporin protein	-1.5698	-1.2364
LOC_Os02g27490.1	bile acid sodium symporter family protein	-1.6365	-1.3118
LOC_Os06g29380.1	phospholipid-transporting ATPase	-1.9013	-0.8761
LOC_Os07g04180.1	amino acid transporter	-2.0289	-1.072
LOC_Os05g15160.1	phosphate/phosphate translocator	-1.8423	-1.2113
LOC_Os02g34580.1	ammonium transporter protein	-1.9506	-1.338
LOC_Os01g52550.1	ABC transporter, ATP-binding protein	-2.0236	-1.3535
LOC_Os07g33780.1	pleiotropic drug resistance protein 5	-3.2177	-0.014
LOC_Os06g39260.1	solute carrier family 35 member B1	-2.105	0.75073
LOC_Os01g50616.1	phosphatidylinositol transfer	-1.7222	0.11313
LOC_Os06g03560.1	oligopeptide transporter	-1.7598	-0.2387
LOC_Os01g67630.1	peptide transporter PTR2	-1.6987	-0.3616

LOC_Os06g38950.1	ABC transporter, ATP-binding protein	-1.6629	-0.3892
LOC_Os07g46780.1	tyrosine-specific transport protein	-1.7969	-0.402
LOC_Os12g42300.1	potasium efflux antiporter protein	-1.9542	-0.5447
LOC_Os07g33310.1	MATE efflux family protein	-1.5905	-0.5238
LOC_Os06g45940.1	potassium transporter	-1.7283	-0.5771
LOC_Os01g42280.1	pentatricopeptide	-1.5917	-0.7237
LOC_Os02g38020.1	inorganic phosphate transporter 2-1, chloroplast precursor	-4.1587	-3.1241
LOC_Os12g25200.1	chloride transporter, chloride channel family	-3.2821	-2.9688
LOC_Os12g17080.1	pentatricopeptide	-3.2314	-3.0345
LOC_Os09g36930.1	aquaporin protein	-3.2922	-3.4084
LOC_Os02g13560.1	transporter family protein	-2.4227	-3.302
LOC_Os07g37454.1	urate anion exchanger	-2.5291	-3.7291
LOC_Os02g57720.1	aquaporin protein	-3.0575	-4.0626
LOC_Os04g38220.1	transporter family protein	-3.9067	-1.1918
LOC_Os02g41860.1	aquaporin protein	-3.2333	-2.1906
LOC_Os01g63870.1	nucleobase-ascorbate transporter	-3.4809	-1.7672
LOC_Os04g51820.1	OsHKT1;1 - Na+ transporter	-3.1573	-1.4697
LOC_Os10g05780.1	POT domain containing peptide transporter	-2.5121	-1.9647
LOC_Os07g28090.1	ABC transporter, ATP-binding protein	-2.3623	-2.053
LOC_Os11g22350.1	white-brown complex homolog protein	-2.3974	-1.5454
LOC_Os12g22284.1	white-brown complex homolog protein 11	-2.4092	-1.2302
LOC_Os03g10100.1	transporter family protein	-2.3729	-1.2414
LOC_Os05g42330.1	secretory carrier-associated membrane protein	-2.2714	-1.3285
LOC_Os01g13770.1	DUF250 domain containing protein	-2.7523	-1.8035
LOC_Os01g17214.1	major facilitator superfamily antiporter	-2.7184	-1.5475
LOC_Os06g36090.1	ABC-2 type transporter	-2.691	-1.4901

Supplementary Table 4. Biotic stress–related genes altered in response to MSP1 treatment

Functional categories	Protein IDs	Annotation	Log 2 Fold change MSP1 6h_control	Log 2 Fold change MSP1 24h_control
Abitic stress(87)	LOC_Os03g16030.1	hsp20/alpha crystallin family protein	8.08334	9.41967
	LOC_Os04g36750.1	hsp20/alpha crystallin family protein	8.98461	8.16358
	LOC_Os03g12820.1	ATP8	6.05403	8.00181
	LOC_Os05g44340.1	heat shock protein 101	7.49195	8.4759
	LOC_Os03g16020.1	hsp20/alpha crystallin family protein	7.52783	7.6493
	LOC_Os03g16040.1	hsp20/alpha crystallin family protein	6.9077	7.06241
	LOC_Os04g01740.1	heat shock protein	7.27985	6.72514
	LOC_Os02g54140.1	hsp20/alpha crystallin family protein	7.15772	6.53752
	LOC_Os03g14180.1	hsp20/alpha crystallin family protein	7.47608	6.25957
	LOC_Os02g12610.1	hsp20/alpha crystallin family protein	5.42861	6.81456
	LOC_Os03g16920.1	DnaK family protein	5.19922	5.85485
	LOC_Os01g04380.1	hsp20/alpha crystallin family protein	5.30208	5.43536
	LOC_Os12g26290.1	alpha-DOX2	4.4853	6.00439
	LOC_Os08g09010.1	Cupin domain containing protein	4.66929	5.3863
	LOC_Os07g36600.1	universal stress protein domain containing protein	1.99109	4.391
	LOC_Os02g47840.1	universal stress protein domain containing protein	2.73729	4.10102
	LOC_Os01g04370.1	hsp20/alpha crystallin family protein	3.92738	4.60293
	LOC_Os08g08990.1	Cupin domain containing protein	3.44405	3.45098
	LOC_Os08g09080.1	Cupin domain containing protein	4.07048	3.48268
	LOC_Os01g62290.1	DnaK family protein	4.43523	3.38429
	LOC_Os03g48770.1	Cupin domain containing protein	4.3379	3.23227
	LOC_Os06g09560.1	heat shock protein DnaJ	0.60545	3.86839
	LOC_Os02g32520.1	ERD1 protein, chloroplast precursor	1.36427	3.31218
	LOC_Os08g09770.1	DnaK family protein	1.69013	2.93604
	LOC_Os05g48810.1	dnaJ domain containing protein	1.93438	2.75661
	LOC_Os02g52150.1	heat shock 22 kDa protein, mitochondrial precursor	1.73933	2.66238
	LOC_Os02g47650.1	universal stress protein domain containing protein	0.73539	2.7405
	LOC_Os01g70790.1	SRC2 protein	0.82616	2.70487
	LOC_Os03g48750.1	Cupin domain containing protein	1.1823	2.71677
	LOC_Os01g04340.1	hsp20/alpha crystallin family protein	1.35024	2.75493
	LOC_Os05g03630.1	dnaJ domain containing protein	1.38237	2.74251
	LOC_Os05g23140.1	retrotransposon protein, LINE subclass	1.36072	2.58134
	LOC_Os08g08970.1	Cupin domain containing protein	-0.8739	3.04305
	LOC_Os01g42190.1	heat shock protein DnaJ	-0.4084	2.44384
	LOC_Os05g30480.1	DnaK family protein	0.0716	2.37718
	LOC_Os02g08490.1	chaperone protein clpB 1	2.69825	3.39899
	LOC_Os05g07810.1	universal stress protein domain containing protein	2.61079	3.04261
	LOC_Os03g11910.1	DnaK family protein	2.33224	2.28863
	LOC_Os08g09060.1	Cupin domain containing protein	3.83055	2.32801
	LOC_Os03g15960.1	hsp20/alpha crystallin family protein	3.25626	2.46107
	LOC_Os08g09020.1	Cupin domain containing protein	3.18911	1.97407
	LOC_Os03g31300.1	chaperone protein clpB 1	2.89525	1.43392
	LOC_Os01g08560.1	DnaK family protein	0.79183	1.66255
	LOC_Os10g36690.1	dehydration response related protein	0.45159	1.54259
	LOC_Os08g39140.1	heat shock protein	1.47556	1.81184
	LOC_Os08g08920.1	Cupin domain containing protein	1.49918	1.79156
	LOC_Os02g33420.1	ATPase, AAA family protein	1.81872	1.42703
	LOC_Os11g05820.1	transposon protein, Mutator sub-class	1.52237	1.30313
	LOC_Os06g46900.1	phosphosulfolactate synthase-related protein	2.25525	1.30961
	LOC_Os05g45350.1	dnaJ domain containing protein	2.2519	1.21407
	LOC_Os12g05880.1	Cupin domain containing protein	1.99617	1.13563
	LOC_Os08g09000.1	Cupin domain containing protein	3.29026	0.39322
	LOC_Os11g47760.1	DnaK family protein	2.28425	0.48298
	LOC_Os06g02620.1	chaperone protein dnaJ	1.66208	-0.1092
	LOC_Os05g12640.1	BURP domain containing protein	-3.8922	-2.702
	LOC_Os08g35760.1	Cupin domain containing protein	-3.8614	-0.7353
	LOC_Os05g06440.1	dnaJ homolog subfamily B member 11 precursor	-2.1142	1.32112
	LOC_Os03g18870.1	heat shock protein DnaJ	-1.6043	0.53941
	LOC_Os01g18170.1	Cupin domain containing protein	-1.5811	0.01945

	LOC_Os10g22590.1	POEI24 - Pollen Ole e I allergen and extensin family protein precursor	-1.9877	-0.2773
	LOC_Os01g72290.1	expressed protein	-1.954	-0.4887
	LOC_Os01g53240.1	BURP domain containing protein	-2.6859	-0.418
	LOC_Os08g44850.1	C2 domain containing protein	-2.6822	-0.4396
	LOC_Os09g35630.1	BAG domain-containing protein	-2.4581	-0.8422
	LOC_Os07g05570.1	ERD4 protein	-2.1107	-1.1136
	LOC_Os08g03520.1	retrotransposon protein, Ty1-copia subclass	0.47347	-1.6029
	LOC_Os03g18600.1	cyclase/dehydrase family protein	-0.8492	-1.5301
	LOC_Os05g44360.1	oligosaccharyl transferase	-0.7735	-1.6495
	LOC_Os01g35050.1	early-responsive to dehydration protein-related	-0.838	-1.6846
	LOC_Os04g59590.1	methyltransferase	-0.2544	-1.7032
	LOC_Os10g42280.1	cyclase/dehydrase family protein	-0.4841	-1.6307
	LOC_Os07g32950.1	dnaJ C terminal region family protein	-0.4656	-1.8452
	LOC_Os08g13440.1	cupin domain containing protein	-0.2109	-1.9578
	LOC_Os01g50622.1	DNA-binding protein DSP1	-1.2182	-1.988
	LOC_Os01g53020.1	heat shock protein DnaJ	-0.9401	-2.281
	LOC_Os10g37770.1	dehydration response related protein	-1.4418	-2.5623
	LOC_Os03g58980.1	Cupin domain containing protein	-1.4107	-2.6278
	LOC_Os05g51630.1	early-responsive to dehydration protein-related	-1.7565	-1.9762
	LOC_Os02g36570.1	ABC1 family domain containing protein	-1.8263	-1.9797
	LOC_Os08g35160.1	heat shock protein DnaJ	-1.47	-1.6502
	LOC_Os02g03570.1	hsp20/alpha crystallin family protein	-1.6016	-1.2725
	LOC_Os11g06980.1	BURP domain containing protein	-2.7287	-2.2997
	LOC_Os03g18200.1	heat shock protein DnaJ	-2.7699	-2.4114
	LOC_Os04g57880.1	heat shock protein DnaJ	-2.5713	-2.4796
	LOC_Os04g53490.1	OsCHL Chloroplastic lipocalin	-2.8897	-1.5454
	LOC_Os05g12400.1	BURP domain containing protein	-2.3034	-1.5303
	LOC_Os01g14670.1	Cupin domain containing protein	-2.5665	-1.3794
ABA(15)	LOC_Os04g44510.1	GEM	3.34768	4.32899
	LOC_Os07g05940.1	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	2.9885	4.19244
	LOC_Os02g42430.1	GEM	2.75861	4.13873
	LOC_Os04g44500.1	GEM	3.48412	4.02313
	LOC_Os12g42280.1	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	2.26653	3.70406
	LOC_Os01g38580.1	beta,beta-carotene 9,10-dioxygenase	4.70773	3.29155
	LOC_Os02g47510.1	9-cis-epoxycarotenoid dioxygenase 1, chloroplast precursor	-1.656	-5.6989
	LOC_Os07g18120.1	aldehyde oxidase	0.16971	2.64979
	LOC_Os02g52780.1	bZIP transcription factor	0.61995	1.97461
	LOC_Os03g08860.1	GRAM domain containing protein	-0.3639	1.90086
	LOC_Os09g28310.1	bZIP transcription factor	0.366	-1.7361
	LOC_Os04g37619.1	zeaxanthin epoxidase, chloroplast precursor	0.03878	-1.7402
	LOC_Os11g30500.1	HVA22	0.74619	-1.7979
	LOC_Os04g46470.1	carotenoid cleavage dioxygenase 7, chloroplast precursor	2.37039	1.05401
	LOC_Os03g57680.1	aldehyde oxidase	1.53457	0.04348
	LOC_Os04g27060.1	oxidoreductase, aldo/keto reductase family protein	2.97374	6.5701
	LOC_Os12g43110.1	OsSAUR58 - Auxin-responsive SAUR gene family member	1.57847	4.26457
	LOC_Os08g42550.1	AP2 domain containing protein	2.13166	3.51322
	LOC_Os01g55940.1	OsGH3.2 - Probable indole-3-acetic acid-amido synthetase	2.07341	3.1573
	LOC_Os07g40290.1	OsGH3.8 - Probable indole-3-acetic acid-amido synthetase	0.11775	3.67592
	LOC_Os08g41720.1	auxin efflux carrier component	0.72869	2.99449
	LOC_Os09g26590.1	OsSAUR37 - Auxin-responsive SAUR gene family member	0.86478	2.13141
	LOC_Os03g53270.1	stem-specific protein TSJT1	0.68142	2.00711
	LOC_Os02g42990.1	OsSAUR11 - Auxin-responsive SAUR gene family member	-0.0416	2.25271
	LOC_Os09g29940.1	auxin-independent growth promoter protein	0.01555	1.50815
	LOC_Os04g58280.1	stem-specific protein TSJT1	1.52337	1.51081

Auxin(32)	LOC_Os07g14590.1	hydrolase	1.52559	1.30932
	LOC_Os05g42150.1	OsGH3.4 - Probable indole-3-acetic acid-amido synthetase	1.55974	0.27494
	LOC_Os03g08850.1	AUXIN SIGNALING F-BOX 2	0.18559	-1.7338
	LOC_Os09g37480.1	OsSAUR53 - Auxin-responsive SAUR gene family member	0.15292	-1.5707
	LOC_Os09g37394.1	OsSAUR44 - Auxin-responsive SAUR gene family member	-0.0338	-1.9269
	LOC_Os01g48850.1	auxin-responsive protein	-0.8749	-1.528
	LOC_Os11g29120.1	growth regulator related protein	-0.5257	-1.6655
	LOC_Os06g48860.1	OsSAUR28 - Auxin-responsive SAUR gene family member	-0.2542	-1.7275
	LOC_Os09g27080.1	growth regulator related protein	-0.7061	-1.9392
	LOC_Os01g43090.1	oxidoreductase, aldo/keto reductase family protein	-1.0687	-2.2498
	LOC_Os01g69070.1	auxin efflux carrier component	-1.5924	-3.716
	LOC_Os11g05050.1	stem-specific protein TSJT1	-0.8961	-2.9556
	LOC_Os12g05050.1	stem-specific protein TSJT1	-1.0102	-2.9706
	LOC_Os07g14600.1	hydrolase	-1.6157	-0.5143
	LOC_Os05g48270.1	auxin-responsive protein	-2.0851	-0.7222
	LOC_Os04g26870.1	oxidoreductase, aldo/keto reductase family protein	-2.0287	-1.1097
	LOC_Os02g07110.1	OsSAUR6 - Auxin-responsive SAUR gene family member	-1.5054	-1.2524
	LOC_Os09g32470.1	membrane protein	-1.8788	-1.6216
	LOC_Os04g26910.1	oxidoreductase, aldo/keto reductase family protein	-1.8608	-1.3991
	LOC_Os06g45970.1	OsSAUR26 - Auxin-responsive SAUR gene family member	-2.7659	-1.1788
	LOC_Os01g67030.1	auxin-responsive protein	-2.8386	-1.4639
β-glucanase(18)	LOC_Os03g57880.1	glucan endo-1,3-beta-glucosidase precursor	1.85068	3.98198
	LOC_Os01g71830.1	glycosyl hydrolases family 17	1.83979	4.27077
	LOC_Os02g33000.1	glycosyl hydrolases family 17	2.21237	3.57752
	LOC_Os03g45390.1	glucan endo-1,3-beta-glucosidase precursor	1.96372	3.51941
	LOC_Os07g35560.1	glucan endo-1,3-beta-glucosidase precursor	-3.132	-1.8279
	LOC_Os05g23350.1	glycosyl hydrolase family 10 protein	-0.1099	1.51805
	LOC_Os01g51570.1	glycosyl hydrolases family 17	-4.4914	-3.0146
	LOC_Os01g71340.1	glycosyl hydrolases family 17	-3.0363	-2.2313
	LOC_Os01g64170.1	glycosyl hydrolases family 17	1.17273	4.07746
	LOC_Os07g35480.1	glucan endo-1,3-beta-glucosidase precursor	-5.7791	-2.9961
	LOC_Os01g71820.1	glycosyl hydrolases family 17	1.18092	3.88229
	LOC_Os07g35350.1	glucan endo-1,3-beta-glucosidase precursor	0.53561	1.84802
	LOC_Os03g25790.1	glycosyl hydrolases family 17 protein	0.96481	1.55931
	LOC_Os02g53200.1	glucan endo-1,3-beta-glucosidase precursor	-0.3167	-1.7582
	LOC_Os05g31140.1	glycosyl hydrolases family 17	2.73025	-0.0826
	LOC_Os01g71400.1	glycosyl hydrolases family 17	-1.6955	-1.1273
	LOC_Os07g43940.1	X8 domain containing protein	-1.5236	-1.1392
	LOC_Os03g54910.1	X8 domain containing protein	-2.0443	-1.4383
Brassinosteroids(6)	LOC_Os01g04260.1	fatty acid hydroxylase	-2.1936	-2.497
	LOC_Os03g12910.1	squalene monooxygenase	-1.4928	-1.5425
	LOC_Os07g06800.1	3-oxo-5-alpha-steroid 4-dehydrogenase	0.36535	-1.7906
	LOC_Os05g12040.1	cytochrome P450 51	1.72912	3.42556
	LOC_Os06g35900.1	BES1/BZR1 homolog protein	0.7858	1.6365
	LOC_Os04g48750.1	3-oxo-5-alpha-steroid 4-dehydrogenase	1.62374	0.12404
bZIP(17)	LOC_Os06g45140.1	bZIP transcription factor domain containing protein	3.66557	3.64957
	LOC_Os05g49420.1	transcription factor	2.33631	3.37273
	LOC_Os03g58250.1	bZIP transcription factor domain containing protein	1.95321	2.80715
	LOC_Os02g16680.1	bZIP transcription factor domain containing protein	2.15317	1.69918
	LOC_Os01g06560.1	transcription factor HBP-1b	1.91474	1.55656
	LOC_Os05g03860.1	CPuORF3 - conserved peptide uORF-containing transcript	1.54277	2.03449
	LOC_Os08g07970.1	transcription factor	1.31611	2.06872
	LOC_Os07g44950.1	bZIP transcription factor domain containing protein	-0.2883	1.80929
	LOC_Os07g08420.1	bZIP transcription factor domain containing protein	0.56203	2.53286
	LOC_Os01g72970.1	DUF630/DUF632 domains containing protein	1.00188	2.58504
	LOC_Os01g64000.1	bZIP transcription factor	1.13913	2.50578
	LOC_Os08g40830.1	pumilio domain-containing protein PPD1	0.68688	1.99349

	LOC_Os10g38820.1	bZIP family transcription factor	0.36506	1.68864
	LOC_Os12g37410.1	CPuORF5 - conserved peptide uORF-containing transcript	0.56453	1.66208
	LOC_Os02g03960.1	CPuORF1 - conserved peptide uORF-containing transcript	-1.7278	-4.1878
	LOC_Os10g41310.1	DUF630/DUF632 domains containing protein	-1.1405	-1.7187
	LOC_Os07g48660.1	bZIP transcription factor domain containing protein	-0.3212	-1.822
	LOC_Os10g26940.1	BURP domain containing protein	4.72758	-1.6714
	LOC_Os11g44950.1	glycosyl hydrolase family 3 protein	3.7439	5.90759
	LOC_Os01g06580.1	fasciclin domain containing protein	-0.6315	2.5712
	LOC_Os10g35460.1	COBRA	-1.6492	2.10147
	LOC_Os07g09670.1	galactosyltransferase family protein	-1.0104	2.03581
	LOC_Os05g46510.1	polygalacturonase	-0.0159	2.60135
	LOC_Os02g54890.1	UDP-glucuronate 4-epimerase	0.0727	2.59721
	LOC_Os04g38560.1	pectinesterase	0.60704	2.44804
	LOC_Os03g57490.1	fasciclin domain containing protein	0.5099	2.41967
	LOC_Os08g24750.1	xyloglucan fucosyltransferase	0.47194	2.18174
	LOC_Os05g01444.1	polygalacturonase inhibitor precursor	0.53443	1.78318
	LOC_Os01g43490.1	polygalacturonase	0.43248	1.54734
	LOC_Os09g35800.1	UDP-glucose 4-epimerase	-0.4409	1.63992
	LOC_Os05g07060.1	fasciclin domain containing protein	-0.6519	1.52235
	LOC_Os09g29710.1	beta-expansin precursor	-0.0294	1.57808
	LOC_Os05g23350.1	glycosyl hydrolase family 10 protein	-0.1099	1.51805
	LOC_Os04g51510.1	glycosyl hydrolases family 16	-0.1238	1.50124
	LOC_Os03g56060.1	CSLC9 - cellulose synthase-like family C	1.806	4.28571
	LOC_Os03g61270.1	OsMan04 - Endo-Beta-Mannanase	1.70842	3.97
	LOC_Os01g20980.1	pectinesterase	0.27614	4.39181
	LOC_Os05g51670.1	NAD dependent epimerase/dehydratase family protein	2.53609	2.98773
	LOC_Os06g22919.1	DEFL9 - Defensin and Defensin-like DEFL family	3.01279	2.58184
	LOC_Os03g18910.1	COBRA-like protein 7 precursor	1.08708	3.24881
	LOC_Os03g53800.1	periplasmic beta-glucosidase precursor	1.63922	2.737
	LOC_Os01g03710.1	mannose-6-phosphate isomerase	1.167	2.59182
	LOC_Os02g04840.1	GHMP kinases ATP-binding protein	1.3684	2.00123
	LOC_Os09g34920.1	glycosyl hydrolase family 29	1.07227	2.17059
	LOC_Os04g52730.1	NAD dependent epimerase/dehydratase family domain containing protein	0.71033	2.06833
	LOC_Os02g35020.1	glycosyl transferase	0.74212	2.02657
	LOC_Os02g52560.1	xyloglucan fucosyltransferase	0.97093	1.89717
	LOC_Os01g57854.1	pectinesterase	1.6473	1.65062
	LOC_Os03g63760.1	glycosyl hydrolases family 16	1.69956	1.35124
	LOC_Os08g37930.1	beta-expansin precursor	-4.6742	-5.463
	LOC_Os09g30120.1	CSLE1 - cellulose synthase-like family E	1.3837	-1.9874
Cell wall(68)	LOC_Os05g02120.1	pectinacetylesterase domain containing protein	0.10642	-1.5602
	LOC_Os07g38130.1	polygalacturonase inhibitor 1 precursor	-0.4776	-1.8365
	LOC_Os03g01270.1	expansin precursor	-0.1299	-1.8507
	LOC_Os01g44250.1	CBS domain containing membrane protein	-0.2165	-1.8647
	LOC_Os10g40700.1	expansin precursor	-0.2112	-1.9039
	LOC_Os10g40730.1	expansin precursor	0.37351	-2.1954
	LOC_Os06g50960.1	expansin precursor	-0.7556	-1.6756
	LOC_Os05g08770.1	uncharacterized protein At4g06744 precursor	-1.1442	-1.6344
	LOC_Os04g51460.1	glycosyl hydrolases family 16	-1.0012	-1.7417
	LOC_Os02g45540.1	synthase	-1.0244	-1.7824
	LOC_Os01g66850.1	pectinacetylesterase domain containing protein	-0.8389	-2.0386
	LOC_Os05g39990.1	expansin precursor	-0.8821	-2.1542
	LOC_Os10g40720.1	expansin precursor	-0.5529	-2.5836
	LOC_Os01g60770.1	expansin precursor	0.37489	-3.251
	LOC_Os07g47700.1	NAD dependent epimerase/dehydratase family domain containing protein	-3.1067	-2.235
	LOC_Os03g57460.1	fasciclin domain containing protein	-1.6891	-0.0315
	LOC_Os03g03600.1	fasciclin-like arabinogalactan protein	-1.828	-0.1553
	LOC_Os06g48180.1	glycosyl hydrolases family 16	-2.2427	-0.3157
	LOC_Os10g32980.1	CESA7 - cellulose synthase	-2.1002	-0.4586

	LOC_Os09g07350.1	fasciclin-like arabinogalactan protein 8 precursor	-2.1806	-0.5259
	LOC_Os07g06680.1	fasciclin domain containing protein	-2.31	-0.7755
	LOC_Os05g46520.1	polygalacturonase	-1.8939	-1.7731
	LOC_Os07g41360.1	alpha-1,4-glucan-protein synthase	-1.6273	-1.9263
	LOC_Os02g51060.1	CSLA6 - cellulose synthase-like family A; mannan synthase	-1.6046	-2.2451
	LOC_Os07g29290.1	expansin precursor	-1.2764	-2.2054
	LOC_Os08g23180.1	fasciclin-like arabinogalactan protein 8 precursor	-1.8907	-0.7672
	LOC_Os07g10770.1	CESA8 - cellulose synthase	-1.7726	-0.8673
	LOC_Os10g42670.1	glycosyl hydrolases family 16	-1.6878	-0.9744
	LOC_Os02g09930.1	CSLA1 - cellulose synthase-like family A; mannan synthase	-1.7698	-0.9939
	LOC_Os01g43160.1	polygalacturonase	-1.6264	-1.123
	LOC_Os10g38040.1	lysM domain containing protein	-1.9109	-1.3007
	LOC_Os03g62090.1	CESA5 - cellulose synthase	-1.8393	-1.5068
	LOC_Os05g48900.1	fasciclin domain containing protein	-1.9418	-1.5703
	LOC_Os06g48160.1	glycosyl hydrolases family 16	-1.7365	-1.4212
DOF(4)	LOC_Os02g49440.1	dof zinc finger domain containing protein	-1.7822	-1.691
	LOC_Os01g55340.1	dof zinc finger domain containing protein	1.78364	3.82873
	LOC_Os04g58190.1	dof zinc finger domain containing protein	0.5225	3.79247
	LOC_Os10g26620.1	dof zinc finger domain containing protein	1.03072	1.83906
ERF(26)	LOC_Os07g22730.1	AP2 domain containing protein	3.11241	6.52806
	LOC_Os07g47790.1	AP2 domain containing protein	2.9037	5.1383
	LOC_Os03g08470.1	AP2 domain containing protein	2.31075	1.82879
	LOC_Os11g06770.1	ethylene-responsive transcription factor ERF110	1.84177	1.57441
	LOC_Os02g34260.1	AP2 domain containing protein	1.92696	3.57605
	LOC_Os01g21120.1	AP2 domain containing protein	0.83477	3.08374
	LOC_Os02g32140.1	AP2 domain containing protein	0.59993	2.64042
	LOC_Os06g03670.1	dehydration-responsive element-binding protein	0.86071	2.63866
	LOC_Os05g49700.1	AP2 domain containing protein	0.95639	2.4449
	LOC_Os04g32620.1	ethylene-responsive transcription factor ERF114	1.82801	2.99954
	LOC_Os03g22170.1	AP2 domain containing protein	1.66777	2.82781
	LOC_Os03g08460.1	AP2 domain containing protein	1.6274	2.22781
	LOC_Os05g27930.1	AP2 domain containing protein	1.52661	2.49238
	LOC_Os07g12510.1	AP2 domain containing protein	1.3548	2.33822
	LOC_Os01g12440.1	AP2 domain containing protein	1.30257	2.41259
	LOC_Os09g35030.1	dehydration-responsive element-binding protein	-1.1224	2.4218
	LOC_Os05g41780.1	AP2 domain containing protein	0.04697	1.61789
	LOC_Os02g45450.1	dehydration-responsive element-binding protein	0.75717	2.26636
	LOC_Os09g35010.1	dehydration-responsive element-binding protein	0.38853	2.20332
	LOC_Os08g31580.1	ethylene-responsive transcription factor	0.60091	2.05715
	LOC_Os07g42510.1	AP2 domain containing protein	0.45341	1.81751
	LOC_Os06g11860.1	ethylene-responsive transcription factor	1.01683	1.80632
	LOC_Os01g07120.1	AP2 domain containing protein	0.87506	1.55135
	LOC_Os03g08490.1	AP2 domain containing protein	-0.6517	-1.6247
	LOC_Os03g60430.1	AP2 domain containing protein	-0.2962	-1.512
	LOC_Os04g46440.1	AP2 domain containing protein	-2.3941	-0.5842
	LOC_Os06g39240.1	endothelial differentiation-related factor 1	4.97243	5.34706
	LOC_Os03g18030.1	leucoanthocyanidin dioxygenase	3.86404	7.16888
	LOC_Os07g22730.1	AP2 domain containing protein	3.11241	6.52806
	LOC_Os09g28440.1	AP2 domain containing protein	2.63387	5.46191
	LOC_Os04g48850.1	aminotransferase, classes I and II, domain containing protein	2.50959	5.45003
	LOC_Os01g32780.1	universal stress protein domain containing protein	3.25359	4.50152
	LOC_Os03g64260.1	AP2 domain containing protein	0.10842	4.66227
	LOC_Os02g34260.1	AP2 domain containing protein	1.92696	3.57605
	LOC_Os08g36920.1	AP2 domain containing protein	2.05428	3.45991
	LOC_Os02g43790.1	ethylene-responsive transcription factor	1.30338	4.29385
	LOC_Os03g19270.1	universal stress protein domain containing protein	0.79653	3.41281
	LOC_Os03g03034.1	flavonol synthase/flavanone 3-hydroxylase	0.65814	3.21567
	LOC_Os05g41760.1	AP2 domain containing protein	0.97637	3.05142
	LOC_Os01g61610.1	flavonol synthase/flavanone 3-hydroxylase	1.77753	2.6467
	LOC_Os03g53900.1	universal stress protein domain containing protein	1.91205	2.21608

	LOC_Os07g12510.1	AP2 domain containing protein	1.3548	2.33822
	LOC_Os02g43820.1	AP2 domain containing protein	1.10847	2.32179
	LOC_Os04g52090.1	AP2 domain containing protein	1.07382	2.18997
	LOC_Os08g30100.1	1-aminocyclopropane-1-carboxylate oxidase homolog 1	0.51469	2.44485
	LOC_Os01g58420.1	AP2 domain containing protein	0.77471	2.41769
	LOC_Os09g35010.1	dehydration-responsive element-binding protein	0.38853	2.20332
	LOC_Os10g41330.1	AP2 domain containing protein	0.52402	1.93467
	LOC_Os04g55070.1	gibberellin 20 oxidase 2	0.89457	1.79714
	LOC_Os07g07410.1	oxidoreductase, 2OG-Fe oxygenase family protein	0.78498	1.67656
Ethylene(46)	LOC_Os03g55220.1	bHelix-loop-helix transcription factor	1.16632	1.5964
	LOC_Os04g49210.1	naringenin,2-oxoglutarate 3-dioxygenase	-2.5322	1.7798
	LOC_Os10g39140.1	flavonol synthase/flavanone 3-hydroxylase	-0.4311	2.67492
	LOC_Os04g57180.1	flavonol synthase/flavanone 3-hydroxylase	0.16317	1.62402
	LOC_Os05g41780.1	AP2 domain containing protein	0.04697	1.61789
	LOC_Os10g30150.1	universal stress protein domain containing protein	-0.3191	1.5009
	LOC_Os03g51740.1	aminotransferase, classes I and II, domain containing protein	-1.6621	-3.5828
	LOC_Os08g37456.1	flavonol synthase/flavanone 3-hydroxylase	0.18513	-1.8366
	LOC_Os08g44590.1	gibberellin 20 oxidase 2	-1.9179	-1.8757
	LOC_Os03g08490.1	AP2 domain containing protein	-0.6517	-1.6247
	LOC_Os03g19700.1	plant protein of unknown function domain containing protein	-0.9297	-1.5335
	LOC_Os08g22149.1	CBS domain containing membrane protein	-1.1496	-1.7228
	LOC_Os01g38190.1	plant protein of unknown function domain containing protein	-0.9347	-2.0202
	LOC_Os09g27750.1	1-aminocyclopropane-1-carboxylate oxidase 1	-1.3638	-2.3214
	LOC_Os03g32470.1	leucoanthocyanidin dioxygenase	-1.5269	-1.0593
	LOC_Os08g26820.1	plant protein of unknown function domain containing protein	-1.6597	-0.1839
	LOC_Os08g30080.1	1-aminocyclopropane-1-carboxylate oxidase homolog 4	-1.7652	-0.2758
	LOC_Os04g49194.1	naringenin,2-oxoglutarate 3-dioxygenase	-2.3406	0.14708
	LOC_Os01g55240.1	gibberellin 2-beta-dioxygenase	-2.3629	-0.3888
	LOC_Os03g06730.1	plant protein of unknown function domain containing protein	-2.7689	-0.8239
	LOC_Os01g39860.1	1-aminocyclopropane-1-carboxylate oxidase protein	-2.5948	-1.09
	LOC_Os02g17940.1	leucoanthocyanidin dioxygenase	-2.4146	-1.3936
	LOC_Os10g38710.1	glutathione S-transferase	-4.6761	-2.5967
	LOC_Os10g38580.1	glutathione S-transferase	-2.775	-2.2905
	LOC_Os01g27480.1	glutathione S-transferase	-1.9558	-1.5299
	LOC_Os02g56970.1	uncharacterized protein yqjG	-1.1192	-1.6357
	LOC_Os01g27360.1	glutathione S-transferase	-0.9733	-2.1678
	LOC_Os07g28480.1	glutathione S-transferase	-1.9913	-3.0155
	LOC_Os03g04260.1	glutathione S-transferase	-1.3045	-2.7045
	LOC_Os09g20220.1	glutathione S-transferase	6.21099	8.92033
	LOC_Os10g38340.1	glutathione S-transferase GSTU6	3.78953	7.51754
	LOC_Os11g19864.1	transposon protein, Pong sub-class	5.2816	6.79698
	LOC_Os10g22310.1	glutathione S-transferase GST 26	5.69618	6.72685
	LOC_Os01g25100.1	glutathione S-transferase	4.41504	4.42996
	LOC_Os01g27210.1	glutathione S-transferase	3.71133	3.57293
	LOC_Os10g38740.1	glutathione S-transferase	2.51676	5.99947
	LOC_Os10g38189.1	glutathione S-transferase	2.15747	5.40084
	LOC_Os10g38360.1	glutathione S-transferase	1.01926	5.78535
	LOC_Os03g57200.1	glutathione S-transferase	0.38802	4.47455
GST(33)	LOC_Os03g50130.1	microsomal glutathione S-transferase 3	2.09771	2.51647
	LOC_Os10g38590.1	glutathione S-transferase, N-terminal domain containing protein	2.1636	2.41176
	LOC_Os10g38150.1	glutathione S-transferase, N-terminal domain containing protein	2.33637	2.28888
	LOC_Os03g17470.1	IN2-1 protein	1.74176	3.10673
	LOC_Os01g49710.1	glutathione S-transferase	1.33724	2.96785
	LOC_Os01g27390.1	glutathione S-transferase	-0.4945	1.68859
	LOC_Os01g72150.1	glutathione S-transferase	0.29225	2.89387

	LOC_Os10g34020.1	glutathione S-transferase	1.37232	2.2795
	LOC_Os01g72120.1	glutathione S-transferase	1.07911	2.14074
	LOC_Os11g37730.1	glutathione S-transferase, N-terminal domain containing protein	0.59706	1.86128
	LOC_Os10g38690.1	glutathione S-transferase	0.70978	1.77099
	LOC_Os03g17460.1	IN2-1 protein	0.5016	1.67378
	LOC_Os10g25590.1	glutathione S-transferase	3.12472	1.28847
	LOC_Os10g38610.1	glutathione S-transferase	3.95287	0.00537
	LOC_Os10g38470.1	glutathione S-transferase	1.51423	0.58158
	LOC_Os10g38489.1	glutathione S-transferase GSTU6	2.00405	-1.4033
	LOC_Os03g16030.1	hsp20/alpha crystallin family protein	8.08334	9.41967
	LOC_Os04g36750.1	hsp20/alpha crystallin family protein	8.98461	8.16358
	LOC_Os05g44340.1	heat shock protein 101	7.49195	8.4759
	LOC_Os03g16020.1	hsp20/alpha crystallin family protein	7.52783	7.6493
	LOC_Os03g16040.1	hsp20/alpha crystallin family protein	6.9077	7.06241
	LOC_Os04g01740.1	heat shock protein	7.27985	6.72514
	LOC_Os02g54140.1	hsp20/alpha crystallin family protein	7.15772	6.53752
	LOC_Os03g14180.1	hsp20/alpha crystallin family protein	7.47608	6.25957
	LOC_Os02g12610.1	hsp20/alpha crystallin family protein	5.42861	6.81456
	LOC_Os03g16920.1	DnaK family protein	5.19922	5.85485
	LOC_Os01g04380.1	hsp20/alpha crystallin family protein	5.30208	5.43536
	LOC_Os01g04370.1	hsp20/alpha crystallin family protein	3.92738	4.60293
	LOC_Os01g62290.1	DnaK family protein	4.43523	3.38429
	LOC_Os02g08490.1	chaperone protein clpB 1	2.69825	3.39899
	LOC_Os03g15960.1	hsp20/alpha crystallin family protein	3.25626	2.46107
	LOC_Os03g11910.1	DnaK family protein	2.33224	2.28863
	LOC_Os06g09560.1	heat shock protein DnaJ	0.60545	3.86839
	LOC_Os02g32520.1	ERD1 protein, chloroplast precursor	1.36427	3.31218
	LOC_Os08g09770.1	DnaK family protein	1.69013	2.93604
	LOC_Os05g48810.1	dnaJ domain containing protein	1.93438	2.75661
	LOC_Os02g52150.1	heat shock 22 kDa protein, mitochondrial precursor	1.73933	2.66238
Heat shock proteins(43	LOC_Os01g04340.1	hsp20/alpha crystallin family protein	1.35024	2.75493
	LOC_Os05g03630.1	dnaJ domain containing protein	1.38237	2.74251
	LOC_Os05g23140.1	retrotransposon protein, LINE subclass	1.36072	2.58134
	LOC_Os01g42190.1	heat shock protein DnaJ	-0.4084	2.44384
	LOC_Os05g30480.1	DnaK family protein	0.0716	2.37718
	LOC_Os01g08560.1	DnaK family protein	0.79183	1.66255
	LOC_Os08g39140.1	heat shock protein	1.47556	1.81184
	LOC_Os02g33420.1	ATPase, AAA family protein	1.81872	1.42703
	LOC_Os11g05820.1	transposon protein, Mutator sub-class	1.52237	1.30313
	LOC_Os03g31300.1	chaperone protein clpB 1	2.89525	1.43392
	LOC_Os06g46900.1	phosphosulfolactate synthase-related protein	2.25525	1.30961
	LOC_Os05g45350.1	dnaJ domain containing protein	2.2519	1.21407
	LOC_Os11g47760.1	DnaK family protein	2.28425	0.48298
	LOC_Os06g02620.1	chaperone protein dnaJ	1.66208	-0.1092
	LOC_Os05g06440.1	dnaJ homolog subfamily B member 11 precursor	-2.1142	1.32112
	LOC_Os03g18870.1	heat shock protein DnaJ	-1.6043	0.53941
	LOC_Os03g18200.1	heat shock protein DnaJ	-2.7699	-2.4114
	LOC_Os04g57880.1	heat shock protein DnaJ	-2.5713	-2.4796
	LOC_Os07g32950.1	dnaJ C terminal region family protein	-0.4656	-1.8452
	LOC_Os01g53020.1	heat shock protein DnaJ	-0.9401	-2.281
	LOC_Os08g35160.1	heat shock protein DnaJ	-1.47	-1.6502
	LOC_Os02g03570.1	hsp20/alpha crystallin family protein	-1.6016	-1.2725
	LOC_Os06g11290.1	12-oxophytodienoate reductase	8.84219	10.2479
	LOC_Os08g22149.1	CBS domain containing membrane protein	-1.1496	-1.7228
	LOC_Os02g35310.1	12-oxophytodienoate reductase	-1.9432	-1.5528
	LOC_Os02g02000.1	cytochrome P450	-2.8476	-1.6725
	LOC_Os02g10120.1	lipoxygenase	-2.9086	-2.5436
	LOC_Os05g23880.1	lipoxygenase	-2.9562	-2.9561
	LOC_Os06g11200.1	12-oxophytodienoate reductase	3.80681	7.16756
	LOC_Os06g11210.1	12-oxophytodienoate reductase	4.03538	6.9785
JA(16)	LOC_Os03g49380.1	lipoxygenase	1.9165	5.41446
	LOC_Os02g12680.1	cytochrome P450	1.68402	4.94399

	LOC_Os03g12500.1	cytochrome P450	1.53592	2.50075
	LOC_Os03g28940.1	ZIM domain containing protein	1.14069	3.48471
	LOC_Os08g39850.1	lipoxygenase, chloroplast precursor	1.23899	3.24149
	LOC_Os04g37430.1	lipoxygenase protein	0.74083	2.28012
	LOC_Os01g27240.1	12-oxophytodienoate reductase	1.01498	1.71356
	LOC_Os12g37320.1	lipoxygenase 2.2, chloroplast precursor	0.49279	1.56699
MYB(37)	LOC_Os11g19864.1	transposon protein, Pong sub-class	5.2816	6.79698
	LOC_Os02g07170.1	MYB family transcription factor	5.6113	7.92657
	LOC_Os04g43680.1	MYB family transcription factor	1.79052	4.49132
	LOC_Os01g64360.1	MYB family transcription factor	2.26646	4.33208
	LOC_Os10g33810.1	myb-related protein Myb4	3.02741	4.24418
	LOC_Os01g08680.1	myb/SANT domain protein	2.2946	2.96714
	LOC_Os05g04210.1	MYB family transcription factor	0.80871	4.8212
	LOC_Os02g46030.1	MYB family transcription factor	0.757	4.74063
	LOC_Os05g37060.1	MYB family transcription factor	0.21334	4.35628
	LOC_Os11g45740.1	MYB family transcription factor	1.34668	3.83755
	LOC_Os02g41510.1	MYB family transcription factor	0.59591	3.83694
	LOC_Os07g48870.1	MYB family transcription factor	0.9142	3.33881
	LOC_Os04g49450.1	MYB family transcription factor	-0.0581	3.45406
	LOC_Os07g25150.1	myb-related protein 306	0.256	2.99386
	LOC_Os05g51160.1	Myb transcription factor	-0.1963	2.838
	LOC_Os01g09280.1	myb-related transcription activator	0.01525	2.63177
	LOC_Os12g37690.1	MYB family transcription factor	0.64634	2.49686
	LOC_Os01g40670.1	single myb histone	0.95869	2.07226
	LOC_Os01g62410.1	MYB family transcription factor	0.88024	2.06372
	LOC_Os01g03720.1	MYB family transcription factor	0.71533	1.79691
	LOC_Os02g36890.1	MYB family transcription factor	0.13705	1.9101
	LOC_Os01g49160.1	MYB family transcription factor	0.05734	1.70593
	LOC_Os07g37210.1	MYB family transcription factor	1.45488	2.26794
	LOC_Os12g13570.1	MYB family transcription factor	1.60544	1.6283
	LOC_Os06g45840.1	MYB transcription factor	1.29979	1.55307
	LOC_Os08g04840.1	MYB family transcription factor	1.20823	1.52246
	LOC_Os01g60850.1	expressed protein	0.3512	-1.676
	LOC_Os07g47370.1	pentatricopeptide	-0.3133	-1.8673
	LOC_Os11g47460.1	MYB family transcription factor	-0.0371	-1.7508
	LOC_Os07g09370.1	pentatricopeptide	-1.7699	-1.7806
	LOC_Os11g29230.1	pentatricopeptide repeat protein PPR986-12	-1.4204	-1.6571
	LOC_Os08g33150.1	MYB family transcription factor	-1.879	-2.3211
	LOC_Os02g46980.1	pentatricopeptide	-1.1287	-1.9601
	LOC_Os02g46780.1	MYB family transcription factor	-0.7337	-2.1687
	LOC_Os05g50340.1	MYB family transcription factor	-1.8532	-4.2102
	LOC_Os12g17080.1	pentatricopeptide	-3.2314	-3.0345
	LOC_Os01g44390.1	MYB family transcription factor	-3.3368	-1.4564
PR genes(24)	LOC_Os09g34160.1	resistance protein	-0.3305	4.67186
	LOC_Os09g34150.1	NBS-LRR disease resistance protein	-1.0905	1.8084
	LOC_Os11g12330.1	disease resistance protein RPM1	-0.8349	1.69201
	LOC_Os02g16270.1	xa1	1.08943	1.59064
	LOC_Os07g33690.1	NBS-LRR type disease resistance protein Hom-F	-0.8069	1.55595
	LOC_Os11g10760.1	NBS-LRR disease resistance protein	0.65008	1.54302
	LOC_Os02g17710.1	receptor-like protein kinase 5 precursor	-1.8511	-0.9271
	LOC_Os12g17090.1	stripe rust resistance protein Yr10	-1.746	-0.9324
	LOC_Os12g28100.1	NBS-LRR disease resistance protein	-1.6838	-1.0891
	LOC_Os10g04290.1	transposon protein, CACTA, En/Spm sub-class	-1.9199	-1.1149
	LOC_Os01g06876.1	Cf-2	-2.1731	-1.335
	LOC_Os10g04090.1	disease resistance RPP13-like protein 1	-0.6351	-1.5496
	LOC_Os09g09490.1	disease resistance protein RPM1	-1.3396	-1.5928
	LOC_Os05g31570.1	disease resistance protein RGA4	-0.6049	-1.677
	LOC_Os11g37759.1	stripe rust resistance protein Yr10	-1.04	-1.6924
	LOC_Os11g12340.1	disease resistance protein RPM1	-1.7947	-1.8315
	LOC_Os06g49360.1	NBS-LRR disease resistance protein	-0.7367	-1.8361
	LOC_Os05g41310.1	disease resistance protein RGA2	-0.1148	-1.9346
	LOC_Os12g03080.1	rp3 protein	-0.0293	-2.1685
	LOC_Os09g10054.1	disease resistance protein RPS2	-1.0414	-2.2

LOC_Os11g35980.1	leucine rich repeat protein	-1.3727	-2.3596
LOC_Os12g12130.1	verticillium wilt disease resistance protein	-0.7757	-2.6086
LOC_Os03g14900.1	NB-ARC/LRR disease resistance protein	-0.9723	-2.9251
LOC_Os01g06520.1	verticillium wilt disease resistance protein	-0.3618	-3.0575
LOC_Os05g51130.1	mitochondrial chaperone BCS1	3.667	6.82526
LOC_Os02g50730.1	metalloendoproteinase 1 precursor	2.66726	5.77091
LOC_Os03g44810.1	expressed protein	3.00829	4.59882
LOC_Os03g58790.1	ATPase	0.27923	4.40577
LOC_Os06g09310.1	zinc finger, C3HC4 type domain containing protein	0.37194	4.0526
LOC_Os09g29310.1	zinc finger, C3HC4 type domain containing protein	1.14857	4.03698
LOC_Os05g39930.1	spotted leaf 11	0.97803	3.97527
LOC_Os06g48040.1	zinc finger, C3HC4 type domain containing protein	0.72162	3.72667
LOC_Os05g33410.1	xylanase inhibitor	0.81392	3.54122
LOC_Os10g40490.1	U-box domain containing protein	0.12255	3.37336
LOC_Os06g06490.1	U-box domain containing heat shock protein	-0.0918	3.0554
LOC_Os02g35329.1	RING-H2 finger protein ATL3F	-0.1884	2.89051
LOC_Os02g51350.1	OsFBK10 - F-box domain and kelch repeat containing protein	0.45306	3.05244
LOC_Os01g19260.1	ATPase	0.22517	2.88025
LOC_Os09g30411.1	UBX domain-containing protein	0.52624	2.78999
LOC_Os03g04890.1	zinc finger family protein	0.80992	2.79672
LOC_Os01g06590.1	zinc finger, C3HC4 type domain containing protein	0.68232	2.67863
LOC_Os02g32520.1	ERD1 protein, chloroplast precursor	1.36427	3.31218
LOC_Os01g19800.1	zinc finger, C3HC4 type	1.33911	3.28988
LOC_Os05g33400.1	basic 7S globulin precursor	1.10607	3.26073
LOC_Os01g68060.1	copine	1.19689	2.97613
LOC_Os05g50570.1	OsSCP29 - Putative Serine Carboxypeptidase homologue	0.99712	2.89886
LOC_Os01g43480.1	AAA-type ATPase family protein	0.96354	2.89647
LOC_Os05g07710.1	WD40-like domain containing protein	1.70992	2.77603
LOC_Os06g30970.1	ubiquitin-conjugating enzyme	1.72156	2.7561
LOC_Os02g46650.1	ubiquitin carboxyl-terminal hydrolase domain containing protein	1.48969	2.94982
LOC_Os10g39850.1	zinc finger, C3HC4 type domain containing protein	1.52237	2.53189
LOC_Os09g38110.1	RING-H2 finger protein	1.43971	2.69581
LOC_Os02g40664.1	zinc finger family protein	1.6378	2.09028
LOC_Os05g50750.1	AAA family ATPase	1.50304	2.30212
LOC_Os10g31850.1	RING finger and CHY zinc finger domain-containing protein 1	1.41608	2.40213
LOC_Os07g32800.1	autophagy-related protein	1.37632	2.23745
LOC_Os06g09290.1	26S protease regulatory subunit 7	1.17119	2.49156
LOC_Os02g52210.1	zinc finger, C3HC4 type domain containing protein	1.08365	2.32755
LOC_Os02g53110.1	expressed protein	0.63661	2.47612
LOC_Os07g09420.1	ATPase	0.74014	2.30253
LOC_Os09g31031.1	ubiquitin family protein	0.86114	2.23136
LOC_Os02g16040.1	ubiquitin-conjugating enzyme	0.86137	2.16224
LOC_Os01g42030.1	mitochondrial chaperone BCS1	-2.3996	1.97176
LOC_Os06g03580.1	zinc RING finger protein	-1.1709	2.86498
LOC_Os11g05660.1	OsFBX396 - F-box domain containing protein	-0.5945	2.5605
LOC_Os12g24490.1	zinc finger, C3HC4 type domain containing protein	-0.3106	2.54407
LOC_Os02g16940.1	OsSub13 - Putative Subtilisin homologue	-0.5356	2.27937
LOC_Os11g08100.1	eukaryotic aspartyl protease domain containing protein	-0.2363	1.89607
LOC_Os04g49000.1	zinc finger, C3HC4 type domain containing protein	-0.3929	1.87313
LOC_Os05g48330.1	aspartyl protease family protein	-0.5445	1.80008
LOC_Os07g34940.1	aspartic proteinase nepenthesin-1 precursor	-0.8759	1.72903
LOC_Os01g66130.1	armadillo/beta-catenin repeat family protein	0.05955	2.42238
LOC_Os08g04130.1	copine-6	0.09426	2.40908
LOC_Os06g39370.1	OsFBK16 - F-box domain and kelch repeat containing protein	0.01537	2.34525
LOC_Os05g01940.1	zinc finger, RING-type	0.08033	2.30253
LOC_Os12g24650.1	leucine aminopeptidase, chloroplast precursor	0.41103	2.18613
LOC_Os11g47840.1	OsRhmbd18 - Putative Rhomboid homologue	0.44825	2.1777
LOC_Os12g28590.1	ATPase 2	0.21424	2.17462

	LOC_Os06g50050.1	AAA-type ATPase family protein	0.19568	2.11447
	LOC_Os01g58290.1	OsSub9 - Putative Subtilisin homologue	0.07054	1.96697
	LOC_Os10g37760.1	OsRhmbd17 - Putative Rhomboid homologue	0.06446	1.82001
	LOC_Os10g05230.1	zinc finger, C3HC4 type domain containing protein	-0.0293	1.70278
	LOC_Os01g07390.1	zinc finger, C3HC4 type family protein	0.33497	1.73745
	LOC_Os01g16330.1	OsRhmbd2 - Putative Rhomboid homologue	0.21021	1.64855
	LOC_Os06g02360.1	Skp1 family, dimerisation domain containing	0.54952	1.75807
	LOC_Os03g19020.1	PHD-finger family protein	0.4744	1.7425
	LOC_Os01g59910.1	OsFBX29 - F-box domain containing protein	0.51913	1.60159
	LOC_Os12g44220.1	ATPase 2	0.40799	1.61795
	LOC_Os11g38800.1	zinc finger family protein	0.36995	1.52827
	LOC_Os07g47590.1	expressed protein	2.307	3.81732
	LOC_Os04g33820.1	OsFBX132 - F-box domain containing protein	1.90605	3.75207
	LOC_Os04g42980.1	zinc finger family protein	2.9499	3.37565
	LOC_Os08g38600.1	copine	2.08282	2.98996
	LOC_Os08g39150.1	expressed protein	2.4461	2.94023
	LOC_Os07g42590.1	OsFBX258 - F-box domain containing protein	2.56147	2.58022
	LOC_Os07g47530.1	AAA-type ATPase family protein	1.86985	2.48072
	LOC_Os01g43890.1	OsSCP4 - Putative Serine Carboxypeptidase homologue	2.20371	2.45685
	LOC_Os07g43240.1	SKP1-like protein 1B	3.81185	3.61102
	LOC_Os04g40630.1	BTBZ4 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with TAZ zinc finger and Calmodulin-binding domains	4.11681	2.91165
	LOC_Os04g31120.1	OsFBK14 - F-box domain and kelch repeat containing protein	4.07198	2.00931
	LOC_Os10g41360.1	ARABIDILLO-1	0.77409	1.88635
	LOC_Os04g55650.1	oryzain alpha chain precursor	0.7862	1.88011
	LOC_Os01g42700.1	expressed protein	0.98829	1.85416
	LOC_Os08g41730.1	peptidase, T1 family	0.87089	1.79974
	LOC_Os08g43300.1	UBX domain-containing protein	0.92973	1.74439
	LOC_Os05g07070.1	zinc finger, C3HC4 type domain containing protein	0.99869	1.7173
	LOC_Os08g43480.1	zinc finger, C3HC4 type family protein	0.75157	1.73305
	LOC_Os02g27360.1	aspartic proteinase-like protein 2 precursor	0.69768	1.7313
	LOC_Os06g42700.1	zinc finger, C3HC4 type domain containing protein	0.78287	1.69208
	LOC_Os12g06630.1	OsFBT14 - F-box and tubby domain containing protein	0.79193	1.65313
	LOC_Os11g07450.1	zinc finger, C3HC4 type domain containing protein	0.80503	1.64376
	LOC_Os07g39780.1	SUMO-activating enzyme subunit 2	0.84207	1.52307
	LOC_Os04g39040.1	UBA and UBX domain-containing protein	0.78305	1.59773
	LOC_Os08g43670.1	RING-H2 finger protein ATL2B	0.77837	1.54622
	LOC_Os02g21260.1	OsFBL8 - F-box domain and LRR containing protein	0.7491	1.50251
	LOC_Os01g42850.1	ThiF family domain containing protein	1.13883	2.00199
	LOC_Os01g27160.1	cullin	1.27888	1.91369
	LOC_Os02g02570.1	autophagy protein 5	1.2795	1.85436
	LOC_Os08g01290.1	OsFBT12 - F-box and tubby domain containing protein	1.13981	1.82505
	LOC_Os04g57440.1	oryzain beta chain precursor	1.44363	1.90087
	LOC_Os06g12780.1	OsDegp10 - Putative Deg protease homologue	1.4514	1.75172
	LOC_Os02g55640.1	proteasome maturation factor UMP1 family protein	1.31679	1.70702
	LOC_Os05g38830.1	HECT-domain domain containing protein	1.24873	1.67744
	LOC_Os08g01620.1	shwachman-Bodian-Diamond syndrome protein	1.21042	1.6355
	LOC_Os02g07210.1	OTU-like cysteine protease family protein	1.51891	1.5381
	LOC_Os01g55110.1	RING-H2 finger protein	1.49545	1.52528
Proteolysis(198)	LOC_Os09g24250.1	ubiquitin carboxyl-terminal hydrolase domain containing protein	1.42551	1.52233
	LOC_Os02g41820.1	expressed protein	1.59306	1.39298
	LOC_Os07g43250.1	SKP1-like protein 1B	1.6216	1.37975
	LOC_Os01g73000.1	copine	2.21044	1.52561
	LOC_Os01g16650.1	ubiquitin-conjugating enzyme	1.9445	1.30622
	LOC_Os05g47670.1	zinc finger, C3HC4 type domain containing protein	1.92708	1.2933
	LOC_Os03g51920.1	peptidase, M50 family	1.93968	0.7731
	LOC_Os09g38920.1	thiol protease SEN102 precursor	1.77576	0.98735

LOC_Os07g42610.1	RING finger protein	1.51176	0.94505
LOC_Os06g12370.1	OsFtsH6 FtsH protease, homologue of AtFtsH6	1.50783	0.70679
LOC_Os02g12650.1	puromycin-sensitive aminopeptidase	1.62895	0.57728
LOC_Os06g21380.1	OsCttP3 - Putative C-terminal processing peptidase homologue	2.09935	0.03965
LOC_Os05g36310.1	zinc finger, C3HC4 type domain containing protein	1.67379	-1.1618
LOC_Os01g74160.1	carboxyl-terminal peptidase	-7.6882	-3.7076
LOC_Os12g39360.1	aspartic proteinase nepenthesin precursor	-6.0106	-5.7939
LOC_Os01g50170.1	eukaryotic aspartyl protease domain containing protein	-2.77	-2.5351
LOC_Os01g42790.1	xylem cysteine proteinase 2 precursor	-3.3508	-1.9277
LOC_Os08g43320.1	OsRhmbd14 - Putative Rhomboid homologue	-3.6468	-2.6211
LOC_Os12g24320.1	ATPase 3	-4.6365	-2.7473
LOC_Os09g39190.1	OsFBO22 - F-box and other domain containing protein	-1.7375	0.76064
LOC_Os01g58280.1	OsSub8 - Putative Subtilisin homologue	-1.9489	0.69319
LOC_Os01g45450.1	AAA family ATPase	-1.5108	0.35628
LOC_Os04g37550.1	aspartic proteinase nepenthesin-2 precursor	-2.2342	0.11075
LOC_Os07g33390.1	BCS1 protein	-2.0474	-0.0341
LOC_Os06g11400.1	expressed protein	-2.2896	-0.1673
LOC_Os03g27190.1	ICE-like protease p20 domain containing protein	-2.1889	-0.2656
LOC_Os11g45990.1	von Willebrand factor type A domain containing protein	-2.7342	0.03519
LOC_Os03g05270.1	RING finger and CHY zinc finger domain-containing protein 1	-2.6047	-0.3625
LOC_Os06g43930.1	OsProCP2 - Putative Lysosomal Pro-x Carboxypeptidase homologue	-1.554	-0.1871
LOC_Os12g15470.1	OsSCP65 - Putative Serine Carboxypeptidase homologue	-1.6624	-0.0814
LOC_Os03g31510.1	cysteine proteinase inhibitor 8 precursor	-1.7211	-0.1314
LOC_Os03g38800.1	AAA family ATPase	-1.7936	-0.2122
LOC_Os10g03740.1	OsFBX348 - F-box domain containing protein	-1.5199	-0.6049
LOC_Os10g39300.1	aspartic proteinase nepenthesin	-3.4484	0.11159
LOC_Os06g02780.1	aspartic protease	-3.5456	-0.5094
LOC_Os10g39260.1	aspartic proteinase nepenthesin	-3.8399	-1.0577
LOC_Os03g40830.1	OsSub30 - Putative Subtilisin homologue	-2.0093	-2.8993
LOC_Os07g32590.1	peptidase, M24 family protein	-1.8468	-3.2782
LOC_Os02g22100.1	OsRhmbd6 - Putative Rhomboid homologue	-1.2213	-2.6557
LOC_Os03g31290.1	membrane-anchored ubiquitin-fold protein	-1.301	-2.9576
LOC_Os06g44500.1	OsFBK17 - F-box domain and kelch repeat containing protein	-0.9029	-2.9471
LOC_Os03g13010.1	U-box domain containing protein	-1.0637	-3.1395
LOC_Os07g32560.1	ATP-dependent protease	-0.2639	-2.6863
LOC_Os03g20500.1	OsFBX82 - F-box domain containing protein	-0.0339	-3.522
LOC_Os06g05240.1	zinc carboxypeptidase family protein	-0.0253	-1.6082
LOC_Os05g50600.1	OsSCP31 - Putative Serine Carboxypeptidase homologue	-0.224	-1.5224
LOC_Os02g56280.1	zinc finger family protein	-0.2903	-1.6649
LOC_Os02g35630.1	AAA family ATPase	-0.1712	-1.7435
LOC_Os03g08850.1	AUXIN SIGNALING F-BOX 2	0.18559	-1.7338
LOC_Os01g52750.1	OsSub3 - Putative Subtilisin homologue	0.00569	-1.9915
LOC_Os01g66970.1	zinc finger, C3HC4 type domain containing protein	-0.8702	-1.5713
LOC_Os01g06490.1	OsSCP1 - Putative Serine Carboxypeptidase homologue	-0.8258	-1.589
LOC_Os01g37910.1	vacuolar-processing enzyme precursor	-0.7955	-1.6583
LOC_Os01g58780.1	zinc finger, C3HC4 type domain containing protein	-0.7341	-1.7289
LOC_Os11g39640.1	zinc finger, C3HC4 type domain containing protein	-0.8945	-1.7228
LOC_Os09g21740.1	armadillo/beta-catenin repeat family protein	-0.9365	-1.74
LOC_Os10g43050.1	OsClp11 - Putative Clp protease homologue	-0.4668	-1.6027
LOC_Os12g29990.1	O-sialoglycoprotein endopeptidase	-0.6514	-1.5593
LOC_Os02g49520.1	armadillo/beta-catenin repeat family protein	-0.5953	-1.6108
LOC_Os05g22930.1	CAAX amino terminal protease family protein	-0.6185	-1.7965
LOC_Os02g30210.1	OsFBK7 - F-box domain and kelch repeat containing protein	-0.6939	-1.8162

	LOC_Os04g47360.1	OsPOP9 - Putative Prolyl Oligopeptidase homologue	-0.4892	-1.8294
	LOC_Os01g32350.1	OsClp2 - Putative Clp protease homologue	-1.2575	-1.5007
	LOC_Os01g43150.1	OsFtsH9 FtsH protease, homologue of AtFtsH11	-1.2114	-1.504
	LOC_Os01g04710.1	aspartic proteinase	-1.2109	-1.5919
	LOC_Os10g28030.1	OsPOP22 - Putative Prolyl Oligopeptidase homologue	-1.3205	-1.6568
	LOC_Os06g12680.1	RING-H2 finger protein	-1.0877	-1.6656
	LOC_Os09g33740.1	Zinc finger, ZZ type domain containing protein	-1.1279	-1.7676
	LOC_Os08g33900.1	CAAX amino terminal protease family protein	-1.225	-1.797
	LOC_Os03g29810.1	OsClp6 - Putative Clp protease homologue	-0.9596	-1.9209
	LOC_Os09g39500.1	ubiquitin fusion protein	-1.0209	-2.0757
	LOC_Os11g02424.1	LTPL9 - Protease inhibitor/seed storage/LTP family protein precursor	-1.7447	-1.7278
	LOC_Os04g48130.1	OsRhmbd11 - Putative Rhomboid homologue	-1.7591	-1.9058
	LOC_Os04g52100.1	peptidase, M24 family protein	-1.8733	-2.0001
	LOC_Os06g40818.1	aspartic proteinase	-1.5838	-1.7959
	LOC_Os01g04900.1	peptidase M50 family protein	-1.4242	-1.7452
	LOC_Os03g52070.1	OsSCP20 - Putative Serine Carboxypeptidase homologue	-1.4293	-1.8547
	LOC_Os11g11210.1	OsClp12 - Putative Clp protease homologue	-2.1214	-2.0186
	LOC_Os02g48900.1	aspartic proteinase nepenthesin-1 precursor	-2.0314	-2.1416
	LOC_Os05g01970.1	NAD dependent epimerase/dehydratase family protein	-2.0823	-2.4653
	LOC_Os10g03780.1	OsFBX351 - F-box domain containing protein	-1.6869	-2.3965
	LOC_Os08g33380.1	expressed protein	-1.4251	-2.2451
	LOC_Os08g13350.1	expressed protein	-1.3801	-2.3091
	LOC_Os01g22980.1	OsSCP3 - Putative Serine Carboxypeptidase homologue	-1.4326	-2.4391
	LOC_Os09g24670.1	CAAX amino terminal protease family protein	-2.0395	-1.5639
	LOC_Os09g20980.1	RING-H2 finger protein	-2.5869	-1.6245
	LOC_Os02g49950.1	spotted leaf 11	-2.3922	-1.7815
	LOC_Os02g46260.1	OsSCP9 - Putative Serine Carboxypeptidase homologue	-2.5373	-1.1883
	LOC_Os06g20040.1	aspartic proteinase nepenthesin-2 precursor	-1.9068	-1.1034
	LOC_Os05g49380.1	OsDegp9 - Putative Deg protease homologue	-1.7353	-0.9678
	LOC_Os02g38820.1	expressed protein	-1.6653	-0.9521
	LOC_Os03g05570.1	RING-H2 finger protein ATL3F	-1.6938	-0.9878
	LOC_Os02g10520.1	OsSub12 - Putative Subtilisin homologue	-1.5517	-1.0063
	LOC_Os01g66890.1	BTBZ1 - Bric-a-Brac, Tramtrack, and Broad Complex BTB domain with TAZ zinc finger and Calmodulin-binding domains	-1.5167	-1.0509
	LOC_Os06g50390.1	eukaryotic aspartyl protease domain containing protein	-1.6202	-1.0586
	LOC_Os02g42310.1	OsSCP8 - Putative Serine Carboxypeptidase homologue	-1.5591	-1.2709
	LOC_Os05g04380.1	peroxidase precursor	-0.7096	1.84595
	LOC_Os05g06970.1	peroxidase precursor	0.65779	2.03792
	LOC_Os12g02080.1	peroxidase precursor	0.15439	1.66049
	LOC_Os02g14430.1	peroxidase precursor	0.20226	1.63276
	LOC_Os11g02130.1	peroxidase precursor	0.39825	1.55758
	LOC_Os03g55420.1	peroxidase precursor	1.71604	2.5671
	LOC_Os07g48060.1	peroxidase precursor	2.39774	1.9579
	LOC_Os04g59190.1	peroxidase precursor	2.45169	1.35378
	LOC_Os10g02040.1	peroxidase precursor	2.38932	1.10878
	LOC_Os04g59200.1	peroxidase precursor	1.31945	-2.1588
	LOC_Os03g13180.1	peroxidase precursor	1.63999	-0.4116
	LOC_Os07g48010.1	peroxidase precursor	-4.3072	-3.4862
	LOC_Os07g48020.1	peroxidase precursor	-3.5526	-3.5083
	LOC_Os07g48050.1	peroxidase precursor	-5.1257	-2.0421
Peroxidases(29)	LOC_Os01g19020.1	peroxidase precursor	-3.4133	-1.7814
	LOC_Os07g47990.1	peroxidase precursor	-3.3975	-2.106
	LOC_Os05g04500.1	peroxidase precursor	-3.9601	-0.701
	LOC_Os04g59150.1	peroxidase precursor	0.05416	-2.2068

	LOC_Os09g29490.1	peroxidase precursor	-0.6189	-2.3065
	LOC_Os08g02110.1	peroxidase precursor	-0.255	-2.9328
	LOC_Os04g59160.1	peroxidase precursor	-0.4661	-3.0235
	LOC_Os06g32990.1	peroxidase precursor	-1.3904	-2.3132
	LOC_Os05g42000.1	peroxidase precursor	-1.147	-2.7042
	LOC_Os06g48010.1	peroxidase precursor	-0.9729	-3.0256
	LOC_Os06g20150.1	peroxidase precursor	-1.0936	-3.8145
	LOC_Os03g55410.1	peroxidase precursor	-1.2199	-1.6401
	LOC_Os06g46799.1	peroxidase precursor	-1.8462	-1.7779
	LOC_Os01g22370.1	peroxidase precursor	-1.6988	-1.456
	LOC_Os07g48040.1	peroxidase precursor	-2.4498	-1.456
	LOC_Os07g44440.1	peroxiredoxin	8.78554	9.78919
	LOC_Os10g28000.1	glutathione reductase	2.03087	4.83118
	LOC_Os07g44430.1	peroxiredoxin	3.31197	5.72731
	LOC_Os08g44340.1	monodehydroascorbate reductase	3.96686	4.65392
	LOC_Os06g51150.1	catalase isozyme B	2.97338	2.74612
	LOC_Os02g47790.1	monodehydroascorbate reductase	2.63948	2.2001
	LOC_Os02g40500.1	OsGrx_C2.1 - glutaredoxin subgroup I	1.933	3.05475
	LOC_Os01g47760.1	OsGrx_I1 - glutaredoxin subgroup III	1.39305	3.80284
	LOC_Os05g48930.1	OsGrx_S2 - glutaredoxin subgroup III	1.43077	3.4398
	LOC_Os01g09830.1	OsGrx_A2 - glutaredoxin subgroup III	1.37615	3.30152
	LOC_Os07g08840.1	thioredoxin	2.01864	2.18431
	LOC_Os04g46960.1	glutathione peroxidase domain containing protein	1.8743	2.11115
	LOC_Os02g56850.1	glutathione reductase	1.41391	2.39947
	LOC_Os07g06600.1	glutaredoxin	1.04238	2.61834
	LOC_Os02g44500.1	glutathione peroxidase	0.99235	2.34303
	LOC_Os01g13950.1	OsGrx_A1 - glutaredoxin subgroup III	0.90013	1.81296
	LOC_Os03g44650.1	glutaredoxin	0.91393	1.61658
	LOC_Os07g48510.1	thioredoxin	1.29378	1.57255
	LOC_Os03g13140.1	non-symbiotic hemoglobin 2	-0.146	2.24792
	LOC_Os10g34170.1	glutaredoxin domain containing protein	0.36887	2.09405
	LOC_Os03g12510.1	non-symbiotic hemoglobin 2	-0.9419	1.56099
	LOC_Os04g44830.1	thioredoxin	1.35432	-1.5747
	LOC_Os01g63210.1	SOUL heme-binding protein	3.14351	0.24264
	LOC_Os12g08810.1	VTC2	2.77871	-0.0895
	LOC_Os01g07910.1	NADH-cytochrome b5 reductase	-1.9358	-1.9258
	LOC_Os08g29110.1	thioredoxin	-1.8721	-2.2378
	LOC_Os12g08730.1	thioredoxin	-2.1259	-2.1429
	LOC_Os02g35900.1	thioredoxin	-2.1555	-2.2954
	LOC_Os06g12630.1	glutathione S-transferase, N-terminal domain containing protein	-2.1103	-2.4816
	LOC_Os02g01010.1	OsPDIL1-4 protein disulfide isomerase PDIL1-4	-1.5499	-1.6219
Redox state(57)	LOC_Os07g09310.1	thioredoxin	-1.6219	-1.7271
	LOC_Os09g07570.1	ferredoxin-thioredoxin reductase catalytic chain, chloroplast precursor	-1.2784	-1.6048
	LOC_Os08g43560.1	OsAPx4 - Peroxisomal Ascorbate Peroxidase encoding gene 5,8,9	-1.3928	-1.629
	LOC_Os12g12170.1	cytochrome b5-like Heme/Steroid binding domain containing protein	-1.2283	-1.8774
	LOC_Os01g68480.1	thioredoxin	-1.3654	-1.9039
	LOC_Os08g41090.1	peroxidase precursor	-1.6226	-1.9917
	LOC_Os06g02500.1	superoxide dismutase, chloroplast	-1.5326	-2.2061
	LOC_Os02g42570.1	ferredoxin-thioredoxin reductase, variable chain	-1.3997	-2.0676
	LOC_Os02g02400.1	catalase isozyme A	-1.4491	-2.5196
	LOC_Os06g39690.1	SOUL heme-binding protein	-0.0289	-1.5163
	LOC_Os11g18170.1	glutathione peroxidase	-0.429	-1.5546
	LOC_Os08g29669.1	cytochrome b5-like Heme/Steroid binding domain containing protein	-0.4993	-1.6011
	LOC_Os05g06430.1	OsPDIL2-1 protein disulfide isomerase PDIL2-1	-0.8407	-1.6677
	LOC_Os04g44650.1	ferredoxin-thioredoxin reductase, variable chain	-0.7818	-1.7542
	LOC_Os07g29410.1	thioredoxin	-0.0172	-2.7446
	LOC_Os02g43360.1	cytochrome b5-like Heme/Steroid binding domain containing protein	-1.5656	-0.0485
	LOC_Os01g16152.1	peroxiredoxin	-1.5427	-0.211

	LOC_Os09g27830.1	OsPDIL2-3 protein disulfide isomerase PDIL2-3	-1.905	-0.6379
	LOC_Os06g09610.1	peroxiredoxin	-2.0511	-0.8595
	LOC_Os04g33970.1	2-Cys peroxiredoxin BAS1, chloroplast precursor	-1.717	-0.9989
	LOC_Os01g67520.1	VTC2	-1.541	-1.068
	LOC_Os11g32500.1	rubredoxin family protein	-3.8777	-2.574
	LOC_Os02g09940.1	peroxiredoxin	-3.4319	-1.7592
	LOC_Os12g16200.1	glutathione synthetase, chloroplast precursor	-2.7733	-1.9822
	LOC_Os07g46410.1	bifunctional thioredoxin reductase/thioredoxin	-2.6838	-2.3215
	LOC_Os02g33450.1	peroxiredoxin	-2.4282	-1.5925
	LOC_Os04g51300.1	peroxidase precursor	-2.8359	-1.1174
	LOC_Os06g13560.1	SAM dependent carboxyl methyltransferase	2.8038	2.52987
SA(3)	LOC_Os11g15040.1	S-adenosyl-L-methionine:benzoic acid/salicylic acid carboxyl methyltransferase	1.50605	-1.6069
	LOC_Os06g22440.1	SAM dependent carboxyl methyltransferase	-0.8247	-2.2697
	LOC_Os03g18030.1	leucoanthocyanidin dioxygenase	3.86404	7.16888
	LOC_Os08g02030.1	transferase family protein	4.20415	7.15634
	LOC_Os02g07160.1	glyoxalase family protein	5.51081	3.10733
	LOC_Os07g34260.1	chalcone and stilbene synthases	-0.3977	5.66409
	LOC_Os12g15680.1	laccase precursor protein	1.93113	5.0511
	LOC_Os01g08380.1	transferase family protein	2.48292	4.96584
	LOC_Os08g07100.1	terpene synthase	1.51154	4.49986
	LOC_Os10g23310.1	transferase family protein	-0.2047	4.00106
	LOC_Os08g01980.1	transferase family protein	1.83334	3.19066
	LOC_Os04g56900.1	transferase family protein	1.64015	3.79675
	LOC_Os06g10210.1	expressed protein	1.25803	3.75407
	LOC_Os01g63480.1	transferase family protein	0.21755	3.38918
	LOC_Os04g27670.1	terpene synthase family, metal binding domain containing protein	0.9786	3.37327
	LOC_Os09g31970.1	3-hydroxy-3-methylglutaryl-coenzyme A reductase	0.63741	3.34966
	LOC_Os01g09010.1	transferase family protein	0.7749	3.04498
	LOC_Os12g15530.1	retrotransposon protein, unclassified	0.77196	3.18205
	LOC_Os01g23530.1	terpene synthase	1.18544	2.62533
	LOC_Os02g28220.1	transferase family protein	0.55943	2.49988
	LOC_Os04g27190.1	terpene synthase	2.54668	2.12794
	LOC_Os06g05320.1	transferase family protein	1.69198	1.54964
	LOC_Os06g44620.1	AMP-binding domain containing protein	1.84324	1.64853
	LOC_Os01g02020.1	acetyl-CoA acetyltransferase, cytosolic	1.873	1.54252
	LOC_Os04g51990.1	transferase family domain containing protein	0.95614	1.92279
	LOC_Os08g38910.1	caffeoyl-CoA O-methyltransferase	0.98677	1.79537
	LOC_Os05g50250.1	cinnamoyl-CoA reductase-related	0.48684	1.87374
	LOC_Os11g19840.1	O-methyltransferase	0.59358	1.79043
	LOC_Os02g48330.1	3-hydroxy-3-methylglutaryl-coenzyme A reductase	0.73446	1.68277
	LOC_Os04g57180.1	flavonol synthase/flavanone 3-hydroxylase	0.16317	1.62402
	LOC_Os03g24640.1	terpene synthase	0.11349	1.61419
	LOC_Os04g43800.1	phenylalanine ammonia-lyase	-2.1922	1.86518
	LOC_Os09g20090.1	L-ascorbate oxidase precursor	-1.1032	2.33441
	LOC_Os07g09190.1	transketolase	-1.2242	1.93981
	LOC_Os10g23820.1	transferase family protein	-0.8505	1.66696
	LOC_Os08g34790.1	AMP-binding domain containing protein	-0.3744	1.66455
	LOC_Os07g17970.1	AMP-binding domain containing protein	-1.9021	0.67671
	LOC_Os04g15920.1	dehydrogenase	-2.3994	0.58383
	LOC_Os01g62480.1	laccase precursor protein	-1.615	0.18537
	LOC_Os04g09900.1	ent-kaurene synthase, chloroplast precursor	-2.8611	-0.4215
	LOC_Os02g36210.1	ent-kaurene synthase, chloroplast precursor	-3.0286	-0.4528
	LOC_Os02g56700.1	dehydrogenase	-2.7822	-0.5946
	LOC_Os07g11440.1	chalcone synthase	-2.4701	-0.4751
	LOC_Os05g33840.1	transketolase	-2.1375	-0.6039
	LOC_Os01g52010.1	alliin lyase precursor	-1.5258	-0.4128
	LOC_Os04g27790.1	terpene synthase	-1.6782	-0.5014
	LOC_Os06g44180.1	NAD dependent epimerase/dehydratase family protein	-1.5783	-0.8528
econdary metabolite(9	LOC_Os04g10060.1	ent-kaurene synthase, chloroplast precursor	-3.8983	-0.8745
	LOC_Os11g32650.1	chalcone synthase	-3.8684	-1.8842

LOC_Os02g08230.1	WAX2	-3.2473	-2.1082
LOC_Os07g42250.1	strictosidine synthase	-3.0245	-2.5649
LOC_Os01g39960.1	lycopene epsilon cyclase, chloroplast precursor	-2.7811	-1.5752
LOC_Os11g02440.1	chalcone--flavonone isomerase	-3.0689	-1.8312
LOC_Os07g43370.1	amine oxidase family protein	-2.8858	-1.7175
LOC_Os06g51290.1	phytoene synthase, chloroplast precursor	-2.89	-1.7867
LOC_Os04g31040.1	violaxanthin de-epoxidase	-2.9194	-1.8707
LOC_Os01g01650.1	isoflavone reductase homolog IRL	-3.3259	-1.4518
LOC_Os08g04500.1	terpene synthase	-0.0304	-3.717
LOC_Os12g16410.1	isoflavone reductase	-0.4127	-1.5947
LOC_Os06g41810.1	reductase	-0.3911	-1.6706
LOC_Os02g39160.1	hydroxymethylbutenyl 4-diphosphate synthase	0.12432	-1.8869
LOC_Os10g39710.1	strictosidine synthase	-1.1207	-1.5103
LOC_Os08g38900.1	caffeoyl-CoA O-methyltransferase	-0.9053	-1.5124
LOC_Os02g47310.1	Cyclopropane-fatty-acyl-phospholipid synthase	-0.848	-1.6024
LOC_Os01g56380.1	decarboxylase	-1.0256	-1.752
LOC_Os01g18744.1	transferase family protein	-1.2442	-1.7754
LOC_Os08g01950.1	transferase family protein	-1.2035	-1.8439
LOC_Os09g23550.1	dehydrogenase	-0.5867	-2.1429
LOC_Os01g07500.1	alliin lyase precursor	-0.4283	-2.2035
LOC_Os04g53860.1	reductase	-0.9342	-2.0817
LOC_Os07g23150.1	transferase family protein	-1.05	-2.2581
LOC_Os06g19530.1	oxidoreductase, short chain dehydrogenase/reductase family	-0.8392	-2.3385
LOC_Os02g57480.1	transferase family protein	-0.7946	-2.6278
LOC_Os11g48110.1	phenylalanine ammonia-lyase	-1.9911	-3.1276
LOC_Os12g33610.1	phenylalanine ammonia-lyase	-2.5175	-3.5902
LOC_Os01g01710.1	1-deoxy-D-xylulose 5-phosphate reductoisomerase, chloroplast precursor	-1.7754	-2.4251
LOC_Os12g17320.1	polyprenyl synthetase	-1.9879	-2.586
LOC_Os04g40730.1	oxidoreductase, short chain dehydrogenase/reductase family	-1.303	-2.4655
LOC_Os11g42480.1	transferase family domain containing protein	-1.1335	-2.5015
LOC_Os01g24790.1	transferase family protein	-1.5599	-2.8207
LOC_Os08g09370.1	polyprenyl synthetase	-1.3371	-2.773
LOC_Os12g42090.1	methyltransferase domain containing protein	-2.2091	-1.7727
LOC_Os05g19910.1	transferase family protein	-2.1342	-1.4975
LOC_Os02g51080.1	FAD binding domain containing protein	-2.2759	-1.5709
LOC_Os01g51980.1	alliin lyase precursor	-2.3327	-1.4281
LOC_Os02g01920.1	GHMP kinases ATP-binding protein	-1.7048	-1.9164
LOC_Os09g25850.1	WAX2	-1.812	-2.043
LOC_Os08g14760.1	AMP-binding domain containing protein	-1.5367	-1.9736
LOC_Os08g05790.1	caffeoyl-CoA O-methyltransferase	-1.4718	-2.0934
LOC_Os02g46970.1	AMP-binding domain containing protein	-1.6626	-1.6515
LOC_Os08g43040.1	transferase family protein	-1.4996	-1.7076
LOC_Os03g53950.1	strictosidine synthase	-1.7718	-1.4978
LOC_Os05g01444.1	polygalacturonase inhibitor precursor	0.53443	1.78318
LOC_Os01g72530.1	OsCML31 - Calmodulin-related calcium sensor protein	3.46218	7.8534
LOC_Os02g26720.1	Inositol 1, 3, 4-trisphosphate 5/6-kinase	2.05106	6.63724
LOC_Os04g56430.1	cysteine-rich receptor-like protein kinase	8.40512	6.63112
LOC_Os08g10310.1	SHR5-receptor-like kinase	-1.5373	-3.1455
LOC_Os12g36910.1	calmodulin binding protein	-1.0124	2.43626
LOC_Os01g14410.1	early light-induced protein, chloroplast precursor	2.40613	0.87404
LOC_Os06g49120.1	Complex I intermediate-associated protein 30 domain containing protein	-1.5748	-1.305
LOC_Os02g40180.1	receptor-like protein kinase 5 precursor	-3.443	-1.8225
LOC_Os05g46350.1	IQ calmodulin-binding motif domain containing protein	0.38399	2.99085
LOC_Os01g72100.1	OsCML10 - Calmodulin-related calcium sensor protein	-1.1444	-1.9059
LOC_Os05g51070.1	inactive receptor kinase At2g26730 precursor	0.17639	-2.2802
LOC_Os04g12600.1	receptor-like protein kinase	-2.7556	-1.5863
LOC_Os07g03880.1	lectin-like receptor kinase	-1.5448	-1.6664

LOC_Os06g16300.1	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-2.4247	-2.7802
LOC_Os01g04580.1	Ser/Thr protein kinase	1.1443	4.23662
LOC_Os11g36000.1	receptor-like protein kinase 2 precursor	-2.3662	-1.8094
LOC_Os01g11414.1	sodium/calcium exchanger protein	-2.9791	-1.8148
LOC_Os03g58540.1	spo0B-associated GTP-binding protein	-2.1107	-2.1796
LOC_Os05g35540.1	GTPase of unknown function domain containing protein	-3.091	-2.2641
LOC_Os12g34320.1	S-locus-like receptor protein kinase	-1.8507	-2.2865
LOC_Os09g31120.1	pirin	-0.0791	3.62158
LOC_Os07g30300.1	small G protein family protein	1.52421	2.6099
LOC_Os10g33040.1	receptor-like protein kinase precursor	1.37691	3.60303
LOC_Os01g66250.1	S-locus-like receptor protein kinase	0.3521	2.82903
LOC_Os01g16230.1	TKL_IRAK_CR4L.2 - The CR4L subfamily has homology with Crinkly4	0.31018	2.46269
LOC_Os10g32990.1	receptor-like protein kinase 2 precursor	0.69102	2.16712
LOC_Os07g03870.1	receptor like protein kinase	0.83401	1.71751
LOC_Os05g27530.1	ras-related protein	1.11083	1.50191
LOC_Os08g08140.1	receptor-like kinase	-1.1561	-1.5784
LOC_Os01g57540.1	protein kinase	0.29994	-1.8375
LOC_Os04g47300.1	CAMK_CAMK_like.26 - CAMK includes calcium/calmodulin depedent protein kinases	0.91795	2.42974
LOC_Os02g53040.1	STE_MEKK_ste11_MAP3K.11 - STE kinases include homologs to sterile 7, sterile 11 and sterile 20 from yeast	0.16274	2.04461
LOC_Os03g25400.1	kinase	1.4485	1.93847
LOC_Os01g36790.1	TKL_IRAK_DUF26-lf.2 - DUF26 kinases have homology to DUF26 containing loci	0.35373	1.82967
LOC_Os04g49510.1	CAMK_CAMK_like.27 - CAMK includes calcium/calmodulin depedent protein kinases	-0.1762	1.54224
LOC_Os04g30240.1	OsWAK60 - OsWAK receptor-like protein kinase	-0.6748	-1.53
LOC_Os02g01730.1	serine/threonine-protein kinase At1g18390	-0.9905	-1.5061
LOC_Os04g02910.1	membrane related protein CP5	-0.8542	-1.7271
LOC_Os07g38130.1	polygalacturonase inhibitor 1 precursor	-0.4776	-1.8365
LOC_Os09g18230.1	expressed protein	0.03864	-1.7834
LOC_Os07g04110.1	legume lectins beta domain containing protein	0.23122	-1.9939
LOC_Os01g02830.1	receptor-like kinase ARK1AS	-1.2207	-2.6317
LOC_Os07g44330.1	kinase	3.17781	0.34424
LOC_Os08g03020.1	lectin-like receptor kinase 1	-1.7424	-0.2673
LOC_Os11g04560.1	calmodulin-like protein 1	1.15257	4.44133
LOC_Os01g04280.1	calmodulin binding protein	-0.9464	1.77882
LOC_Os07g35300.1	TKL_IRAK_DUF26-lc.11 - DUF26 kinases have homology to DUF26 containing loci	-0.1949	1.63247
LOC_Os12g43550.1	ras-related protein	0.38523	1.60928
LOC_Os04g18244.1	retrotransposon protein, unclassified	1.22435	1.55919
LOC_Os01g07630.1	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-1.2806	-1.5659
LOC_Os08g28870.1	receptor-like protein kinase 5 precursor	-1.1998	-1.7626
LOC_Os02g54640.1	glutamate receptor	-0.684	-3.2479
LOC_Os01g48000.1	S-locus-like receptor protein kinase	0.39303	2.62411
LOC_Os03g53200.1	OsCML4 - Calmodulin-related calcium sensor protein	0.69369	2.31098
LOC_Os07g35330.1	TKL_IRAK_DUF26-lc.13 - DUF26 kinases have homology to DUF26 containing loci	-0.3696	2.17723
LOC_Os04g39440.1	ras-related protein	1.39004	1.70018
LOC_Os10g02970.1	Leucine rich repeat N-terminal domain containing protein	1.15312	1.98662
LOC_Os03g21380.1	OsCML27 - Calmodulin-related calcium sensor protein	0.91488	1.66654
LOC_Os11g47030.1	receptor protein kinase	-0.4396	-1.5906
LOC_Os07g03900.1	lectin-like receptor kinase	-1.0388	-1.6116
LOC_Os02g18410.1	salt stress root protein RS1	-1.0088	-2.1452
LOC_Os11g11780.1	cysteine-rich receptor-like protein kinase 21 precursor	-1.4306	-2.2183
LOC_Os03g12150.1	serine/threonine-protein kinase receptor precursor	-1.1754	-2.7029

	LOC_Os01g02810.1	resistance-related receptor-like kinase	-2.0805	-1.0128
	LOC_Os03g62430.1	OsWAK28 - OsWAK receptor-like protein kinase	1.54088	2.60986
	LOC_Os01g22630.1	ECT protein	1.84331	2.07853
	LOC_Os04g30010.1	OsWAK45 - OsWAK receptor-like protein kinase	-1.6164	-1.5618
	LOC_Os10g01044.1	isoflavone reductase	-2.7959	-1.9249
	LOC_Os03g51440.1	LRR receptor-like protein kinase	1.91153	1.90941
	LOC_Os10g04730.1	TKL_IRAK_DUF26-la.6 - DUF26 kinases have homology to DUF26 containing loci	-2.3473	-1.5878
	LOC_Os04g34370.1	serine/threonine-protein kinase receptor precursor	-1.7715	-1.8249
	LOC_Os01g02700.1	protein kinase domain containing protein	-2.2981	-2.1873
	LOC_Os04g40100.1	BTBN11 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic hypocotyl 3 NPH3 domain	-2.2635	-3.4942
	LOC_Os01g57560.1	serine/threonine-protein kinase receptor precursor	-3.0163	-4.2596
	LOC_Os01g57470.1	EF hand family protein	0.96009	3.89759
	LOC_Os07g36544.1	serine/threonine-protein kinase receptor precursor	1.00975	5.08834
	LOC_Os06g10790.1	lectin-like receptor kinase	-1.9248	-1.9783
	LOC_Os02g13510.1	receptor-like protein kinase 5 precursor	-2.3638	-2.7233
	LOC_Os05g31620.1	OsCML15 - Calmodulin-related calcium sensor protein	1.39294	5.27238
	LOC_Os02g38040.1	leucine-rich repeat family protein	1.49326	2.96558
	LOC_Os11g36200.1	receptor-like protein kinase 2 precursor	1.02543	2.85649
	LOC_Os12g36920.1	calmodulin binding protein	-1.4155	1.95983
	LOC_Os06g47700.1	serine/threonine-protein kinase BRI1-like 2 precursor	1.09033	1.94743
	LOC_Os09g18360.1	expressed protein	1.4456	1.71458
	LOC_Os08g42750.1	CAMK_CAMK_like.37 - CAMK includes calcium/calmodulin depedent protein kinases	-0.29	1.69063
	LOC_Os10g25010.1	OsCML8 - Calmodulin-related calcium sensor protein	0.83853	1.65808
	LOC_Os11g44860.1	cysteine-rich receptor-like protein kinase 28 precursor	1.0357	1.60389
	LOC_Os09g27050.1	HD domain containing protein	-0.1169	2.0545
	LOC_Os10g28240.1	calcium-transporting ATPase, plasma membrane-type	-0.4975	1.93538
	LOC_Os03g17700.1	CGMC_MAPKCGMC_2_ERK.2 - CGMC includes CDA, MAPK, GSK3, and CLKC kinases	0.44607	2.00811
	LOC_Os05g47770.1	serine/threonine-protein kinase At1g18390	-0.0677	1.87993
	LOC_Os04g37920.1	FAD binding domain of DNA photolyase domain containing protein	-0.4652	-1.5599
	LOC_Os03g19720.1	EF hand family protein	1.75539	1.85276
	LOC_Os02g04510.1	UOS1	1.66889	-2.2476
	LOC_Os06g18000.1	protein kinase domain containing protein	-1.7473	-1.7267
	LOC_Os04g34270.1	serine/threonine-protein kinase receptor precursor	-1.7273	-2.7187
	LOC_Os06g16330.1	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-1.5721	-2.4423
	LOC_Os07g43560.1	TKL_IRAK_DUF26-lc.24 - DUF26 kinases have homology to DUF26 containing loci	-3.7918	-2.9008
	LOC_Os06g04920.1	zinc finger family protein	-2.8163	-2.3674
	LOC_Os09g19229.1	protein kinase domain containing protein	-2.2233	-4.5543
	LOC_Os12g36110.1	calmodulin binding protein	-0.7518	3.73692
	LOC_Os08g01390.1	phosphatidylinositol-4-phosphate 5-Kinase	0.91189	3.01245
	LOC_Os05g24010.1	receptor protein kinase-like	0.25563	2.28764
	LOC_Os12g41110.1	OsCML5 - Calmodulin-related calcium sensor protein	1.30135	2.73333
	LOC_Os04g52840.1	tyrosine protein kinase domain containing protein	0.88025	2.67383
	LOC_Os02g48080.1	cysteine-rich receptor-like protein kinase 7 precursor	1.09703	2.32109
	LOC_Os07g36570.1	KI domain interacting kinase 1	0.31892	2.24853
	LOC_Os05g44770.1	receptor-like protein kinase 5 precursor	0.35147	2.3603
	LOC_Os06g37620.1	protein kinase family protein	0.05313	1.9624
Signaling(228)	LOC_Os07g16970.1	rab GDP dissociation inhibitor alpha	1.28623	2.75792
	LOC_Os02g42150.1	OsWAK14 - OsWAK receptor-like protein kinase	-0.9312	1.71518
	LOC_Os01g48790.1	YT521-B-like family domain containing protein	1.20111	1.63145
	LOC_Os04g52600.1	SHR5-receptor-like kinase	0.90225	1.56807

LOC_Os08g44200.1	ECT5	0.43625	1.58114
LOC_Os06g13320.1	protein kinase	0.39298	1.55476
LOC_Os02g42370.1	receptor-like protein kinase 2 precursor	-0.5443	-1.5386
LOC_Os02g36974.1	14-3-3 protein	-0.6257	-1.5398
LOC_Os01g12390.1	inactive receptor kinase At2g26730 precursor	-0.3093	-1.6012
LOC_Os01g04570.1	Ser/Thr protein kinase	-1.1311	-1.9047
LOC_Os12g39380.1	BTBN24 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic hypocotyl 3 NPH3 domain	-0.5801	-1.6354
LOC_Os09g29584.1	OsWAK84 - OsWAK receptor-like protein OsWAK-RLP	0.03943	-1.7281
LOC_Os01g01010.1	TBC domain containing protein	0.21397	-1.9486
LOC_Os11g36160.1	receptor-like protein kinase 2 precursor	2.26572	0.86823
LOC_Os03g16960.1	cysteine-rich repeat secretory protein 55 precursor	1.91867	1.44978
LOC_Os05g16930.1	protein kinase domain containing protein	2.14716	0.35022
LOC_Os04g52780.1	leucine-rich repeat receptor protein kinase EXS precursor	-2.1707	-0.552
LOC_Os02g58730.1	ras-related protein	-0.513	-1.871
LOC_Os02g42110.1	wall-associated receptor kinase-like 22 precursor	0.43528	-2.0372
LOC_Os11g10310.1	receptor-like protein kinase 2 precursor	-1.145	-2.126
LOC_Os08g10300.1	SHR5-receptor-like kinase	-1.3759	-2.3348
LOC_Os02g56380.1	OsWAK21 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK	-1.5527	1.37385
LOC_Os04g44900.1	lectin-like receptor kinase	1.66044	1.24277
LOC_Os10g02814.1	G-protein alpha subunit	1.51419	0.99796
LOC_Os05g45930.1	IQ calmodulin-binding motif family protein	-1.8597	-0.3253
LOC_Os02g02540.1	glutamate receptor	-1.6183	-0.714
LOC_Os03g56270.1	receptor protein kinase CLAVATA1 precursor	-2.1467	-0.8133
LOC_Os01g02570.1	protein kinase domain containing protein	-1.5696	-1.1157
LOC_Os01g02780.1	TAK33	-1.6779	0.17353
LOC_Os11g35980.1	leucine rich repeat protein	-1.3727	-2.3596
LOC_Os11g36150.1	receptor-like protein kinase 2 precursor	2.17925	-0.0102
LOC_Os02g17710.1	receptor-like protein kinase 5 precursor	-1.8511	-0.9271
LOC_Os05g43170.1	calreticulin precursor protein	-2.2283	-1.1175
LOC_Os06g04250.1	phosphate-induced protein 1 conserved region domain containing protein	-1.5369	-1.3502
LOC_Os05g10840.1	calmodulin-binding protein	1.94962	4.9575
LOC_Os07g36590.1	serine/threonine-protein kinase receptor precursor	2.28577	2.3964
LOC_Os11g31680.1	retrotransposon protein, unclassified	1.75104	1.92806
LOC_Os07g43970.1	calmodulin-binding protein	2.86298	4.52974
LOC_Os06g38970.1	expressed protein	-1.6054	-1.5985
LOC_Os03g16010.1	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-1.5799	-1.6221
LOC_Os08g44390.1	EF hand family protein	1.72596	4.44344
LOC_Os02g06300.1	GTP-binding protein lepA	-1.8371	-1.5399
LOC_Os11g41910.1	GTP-binding protein	-1.5624	-1.5443
LOC_Os09g29540.1	OsWAK82 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK	-2.4932	-1.9181
LOC_Os06g06960.1	S-locus-like receptor protein kinase	-1.9415	-2.0328
LOC_Os07g43570.1	TKL_IRAK_DUF26-lc.25 - DUF26 kinases have homology to DUF26 containing loci	-2.8494	-3.1422
LOC_Os02g50200.1	cysteine-rich repeat secretory protein precursor	1.50762	3.09347
LOC_Os08g04420.1	tyrosine protein kinase domain containing protein	2.77551	3.01341
LOC_Os10g04720.1	TKL_IRAK_DUF26-la.5 - DUF26 kinases have homology to DUF26 containing loci	-2.0127	-1.6127
LOC_Os05g25350.1	TKL_IRAK_CrRLK1L-1.12 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog	-2.1675	-1.94
LOC_Os02g02120.1	OsWAK11 - OsWAK receptor-like protein kinase	-2.4391	-2.7889
LOC_Os06g46950.1	EF hand family protein	0.0868	3.86378
LOC_Os06g47530.1	TKL_IRAK_DUF26-lh.6 - DUF26 kinases have homology to DUF26 containing loci	0.51214	3.18354
LOC_Os04g53994.1	kinase	0.40418	3.11731
LOC_Os10g39420.1	CAMK_CAMK_like.8 - CAMK includes calcium/calmodulin depedent protein kinases	1.19191	2.59652
LOC_Os02g44770.1	uncharacterized mscS family protein	0.10619	2.57955

LOC_Os03g30130.1	phospholipase C	-0.334	1.93937
LOC_Os03g09140.1	ras-related protein	0.85383	1.85138
LOC_Os11g36190.1	receptor kinase	0.99423	1.53806
LOC_Os11g10290.1	S-domain receptor-like protein kinase	-1.4318	-1.5486
LOC_Os05g17604.1	SHR5-receptor-like kinase	1.16688	1.52404
LOC_Os01g65650.1	receptor-like protein kinase HAIKU2 precursor	1.06512	1.51181
LOC_Os09g18594.1	protein kinase domain containing protein	-1.3037	-1.5511
LOC_Os05g04220.1	nitrogen regulatory protein P-II	-0.9181	-1.6399
LOC_Os03g21230.1	leucine-rich repeat family protein	-1.2925	-1.7106
LOC_Os05g40270.1	expressed protein	-1.0649	-1.9143
LOC_Os08g04210.1	cysteine-rich repeat secretory protein 55 precursor	-1.8667	-0.0597
LOC_Os05g02200.1	cysteine-rich repeat secretory protein 55 precursor	-1.5936	-0.9662
LOC_Os04g49570.1	glutamate receptor	-0.9248	-2.728
LOC_Os09g19160.1	serine/threonine-protein kinase	-1.5076	1.3333
LOC_Os07g08150.1	early light-induced protein, chloroplast precursor	3.74569	0.62482
LOC_Os01g33110.1	receptor-like protein kinase 5 precursor	-1.5805	-0.5544
LOC_Os05g45810.1	calcineurin B	1.80072	-0.7058
LOC_Os07g49330.1	phospholipase C	-1.5484	-1.0496
LOC_Os03g03660.1	CAMK_CAMK_like.17 - CAMK includes calcium/calmodulin depedent protein kinases	0.99643	3.24839
LOC_Os09g23570.1	inactive receptor kinase At2g26730 precursor	0.59623	2.87733
LOC_Os08g40270.1	lectin-like protein kinase	1.1342	2.99428
LOC_Os01g04330.1	OsCML16 - Calmodulin-related calcium sensor protein	-0.7686	2.78392
LOC_Os01g02390.1	protein kinase domain containing protein	0.98511	2.777
LOC_Os03g62790.1	pirin	1.1748	2.19956
LOC_Os03g10640.1	calcium-transporting ATPase, plasma membrane-type	-1.003	2.1314
LOC_Os01g43910.1	CGMC_MAPKCMGC_2.4 - CGMC includes CDA, MAPK, GSK3, and CLKC kinases	0.28574	2.2442
LOC_Os01g02300.1	receptor kinase ORK10	0.43357	1.87491
LOC_Os05g06990.1	TKL_IRAK_CrRLK1L-1.10 - The CrRLK1L-1 subfamily has homology to the CrRLK1L homolog	0.62565	1.84197
LOC_Os03g51610.1	Inositol 1, 3, 4-trisphosphate 5/6-kinase	0.85896	1.58776
LOC_Os05g42210.1	serine/threonine-protein kinase receptor precursor	0.67312	1.78595
LOC_Os04g30030.1	cysteine-rich receptor-like protein kinase 12 precursor	0.52339	1.57151
LOC_Os05g48980.1	ras-related protein	0.30103	1.5631
LOC_Os08g40990.1	receptor-like protein kinase 1	0.23296	-1.5867
LOC_Os03g41350.1	BTBN7 - Bric-a-Brac, Tramtrack, Broad Complex BTB domain with non-phototropic hypocotyl 3 NPH3 domain	0.68496	-1.6135
LOC_Os05g49220.1	GTP-binding protein	-1.0549	-1.5629
LOC_Os03g50120.1	zinc finger family protein	0.54115	-1.6239
LOC_Os07g48340.1	OsCML24 - Calmodulin-related calcium sensor protein	-0.9558	-1.8197
LOC_Os01g47900.1	S-locus-like receptor protein kinase	-0.6518	-1.7616
LOC_Os04g25100.1	transposon protein, unclassified	-0.9947	-1.7997
LOC_Os05g07420.1	S-domain receptor-like protein kinase	-0.5396	-1.8258
LOC_Os07g08160.1	early light-induced protein, chloroplast precursor	3.87358	1.14555
LOC_Os05g06920.1	relA-SpoT like protein RSH4	-2.406	-0.1454
LOC_Os03g56840.1	GTP-binding protein	-1.5996	-0.2004
LOC_Os11g29790.1	receptor kinase	-1.6448	-0.3184
LOC_Os02g56370.1	OsWAK20 - OsWAK receptor-like protein kinase	-2.3822	-0.8374
LOC_Os01g02760.1	receptor-like kinase	-1.2661	-2.6468
LOC_Os11g31540.1	BRASSINOSTEROID INSENSITIVE 1-associated receptor kinase 1 precursor	-2.1475	-0.145
LOC_Os02g06210.1	phytosulfokine receptor precursor	-1.8925	-0.8509
LOC_Os10g20160.1	serine/threonine-protein kinase receptor precursor	-1.8951	-1.1917
LOC_Os01g13800.1	receptor-like protein kinase 5 precursor	-0.4613	-2.1851
LOC_Os01g59980.1	zinc finger family protein	0.1248	-1.9168
LOC_Os01g65030.1	S-locus-specific glycoprotein precursor	-0.1243	-2.1681
LOC_Os11g47800.1	spo0B-associated GTP-binding protein	-0.0322	-2.1909
LOC_Os01g37460.1	zinc finger family protein	-1.4847	-2.3211

	LOC_Os06g11660.1	phosphate-induced protein 1 conserved region domain containing protein	-1.83	0.52958
	LOC_Os09g31040.1	EF hand family protein	-2.4199	-0.0721
	LOC_Os09g29600.1	OsWAK85 - OsWAK receptor-like cytoplasmic kinase OsWAK-RLCK	-1.5182	-0.5103
	LOC_Os11g44680.1	calmodulin binding protein	-1.5653	-0.5936
	LOC_Os06g12090.1	miro	-1.8542	-0.9002
	LOC_Os03g21050.1	retrotransposon protein, Ty1-copia subclass	-1.6402	-1.0847
	LOC_Os01g02790.1	protein kinase domain containing protein	-1.7598	-1.3473
	LOC_Os07g35730.1	TKL_IRAK_DUF26-lc.23 - DUF26 kinases have homology to DUF26 containing loci	-2.6008	-1.3991
	LOC_Os09g25060.1	WRKY76	-3.8922	3.55741
	LOC_Os09g25070.1	WRKY62	-1.0558	5.47647
	LOC_Os11g29870.1	WRKY72	2.33427	4.89827
	LOC_Os01g61080.1	WRKY24	1.23759	4.86345
	LOC_Os05g49620.1	WRKY19	-1.9962	2.5047
	LOC_Os05g25770.1	WRKY45	-1.8758	2.48826
	LOC_Os01g40260.1	WRKY77	-1.5294	1.97772
	LOC_Os05g46020.1	WRKY7	-0.4162	2.93528
	LOC_Os03g21710.1	WRKY79	-1.0893	2.84554
	LOC_Os01g51690.1	WRKY26	0.17558	3.86885
	LOC_Os01g14440.1	WRKY1	0.82621	4.23179
	LOC_Os01g60640.1	WRKY21	0.55577	4.0171
	LOC_Os06g44010.1	WRKY28	0.73446	3.70072
	LOC_Os05g39720.1	WRKY70	1.11091	3.35279
WRKY(29)	LOC_Os02g53100.1	WRKY32	1.09037	2.9203
	LOC_Os01g53260.1	WRKY23	0.37898	2.52532
	LOC_Os01g53040.1	WRKY14	1.31781	2.46114
	LOC_Os02g08440.1	WRKY71	0.75004	2.39905
	LOC_Os05g27730.1	WRKY53	0.94101	2.38552
	LOC_Os01g09100.1	WRKY10	0.39283	2.07906
	LOC_Os03g20550.1	WRKY55	0.4183	1.99705
	LOC_Os02g26430.1	WRKY42	0.43096	1.90141
	LOC_Os05g09020.1	WRKY67	0.47957	1.58967
	LOC_Os01g09080.1	WRKY107	1.17777	2.01521
	LOC_Os01g43650.1	WRKY11	1.15721	1.58955
	LOC_Os11g02480.1	WRKY46	1.67297	1.48552
	LOC_Os08g38990.1	WRKY30	0.19095	-2.2189
	LOC_Os07g02060.1	WRKY29	-1.7915	-1.519
	LOC_Os07g48260.1	WRKY47	-2.1952	-1.1252

Supplementary Table 5. MAPKs, WRKYs and RLKs induced by MSP1 treatment and *M. oryzae* infection

Gene name	TIGR_Locus IDs	Annotation	MSP1		*M. oryzae*			
			Log 2 Fold change MSP1 6h_control	Log 2 Fold change MSP1 24h_control	Log 2 Fold change R 12h_control	Log 2 Fold change R 48h_control	Log 2 Fold change S 12h_control	Log 2 Fold change S 48h_control
MAPKKKs(14)	LOC_Os03g06410	MAPKKK01	0.40385	1.31846	-0.102690307	-0.17094353	0.05523522	-0.123810409
	LOC_Os07g29330	MAPKKK26	0.54732	1.10544	-0.17305514	-0.14517905	0.14542931	-0.315010137
	LOC_Os02g02780	MAPKKK30	3.46904	4.54025	0.63373528	0.855596625	0.051726528	1.81641327
	LOC_Os06g08280	MAPKKK39	0.39209	1.50261	-0.174529173	0.200858207	0.515837899	-0.018236318
	LOC_Os06g50920	MAPKKK43	1.38505	1.42205	-0.012829671	-0.83649974	-0.466020718	-0.032689311
	LOC_Os01g54350	MAPKKK51	-0.6483	1.58385	-0.47885667	0.227796075	-0.511067138	0.077962222
	LOC_Os01g50400	MAPKKK55	2.28188	5.25217	0.835748008	0.722117913	0.289159601	1.864695211
	LOC_Os05g46750	MAPKKK57#	1.07205	3.70564	0.976130032	-0.09057864	0.093043388	1.00657475
	LOC_Os01g50420	MAPKKK62	3.15398	6.14327	0.467602428	1.111288038	0.164097799	2.496723635
	LOC_Os01g50370	MAPKKK63	0.65037	2.53685	0.255344445	0.149213844	-0.00659077	0.292173159
	LOC_Os07g39520	MAPKKK64	3.61405	4.81672	0.449584581	0.482468174	0.180497478	0.24097442
	LOC_Os05g46760	MAPKKK69	1.6055	5.03401	0.990095405	-0.269471903	-0.072835023	1.052747449
	LOC_Os01g50410	MAPKKK70	2.57067	4.54997	0.547819137	1.331789064	0.35702332	2.432255384
	LOC_Os01g54480	MAPKKK72	0.4224	1.65554	-0.071869407	0.163507984	-0.076611188	0.383022343
OsMEKs(1)	LOC_Os02g54600	OsMEK06	0.62308	2.53891	0.018305856	0.343458168	0.416640331	-0.024022885
OsMPKs(2)	LOC_Os03g17700	OsMPK05	0.44607	2.00811	0.015800618	1.090590748	0.266302608	0.735914089
	LOC_Os01g43910	OsMPK09	0.28574	2.2442	-0.320690723	0.180496764	0.28090655	-0.450996199
OsWRKYs(30)	LOC_Os01g14440	OsWRKY01	0.82621	4.23179	0.007845323	0.322277659	0.037139219	0.523914129
	LOC_Os05g46020	OsWRKY07	-0.4162	2.93528	0.338775331	1.717067685	0.488878244	1.195686542
	LOC_Os05g50610	OsWRKY08	1.17096	1.14945	0.448309519	0.036427149	0.340331224	-0.261677759
	LOC_Os01g09100	OsWRKY10	0.39283	2.07906	0.859723843	0.466076141	1.004330785	0.584662153
	LOC_Os01g43650	OsWRKY11	1.15721	1.58955	0.097070061	0.511931075	-0.445710755	0.352678836
	LOC_Os01g53040	OsWRKY14	1.31781	2.46114	0.267617585	0.896031044	0.023685302	0.575414146
	LOC_Os05g49620	OsWRKY19	-1.9962	2.5047	0.574166168	2.0719002	0.378491475	1.752888841
	LOC_Os01g60640	OsWRKY21	0.55577	4.0171	-0.412968662	0.740444744	-0.149975069	0.391872062
	LOC_Os01g53260	OsWRKY23	0.37898	2.52532	0.118712122	-0.024050699	-0.405307538	0.201504132
	LOC_Os01g61080	OsWRKY24	1.23759	4.86345	0.795715871	1.045268607	1.196710868	1.012559448
	LOC_Os01g51690	OsWRKY26	0.17558	3.86885	0.566090895	2.133454831	0.485547394	1.499115362
	LOC_Os06g44010	OsWRKY28	0.73446	3.70072	1.275412879	2.72395151	1.88318152	2.166164099
	LOC_Os11g02530	OsWRKY40	-1.0276	1.26166	0.039215303	1.496787766	-0.788587166	2.216359033
	LOC_Os02g26430	OsWRKY42	0.43096	1.90141	0.946440518	-0.621710485	0.149236705	-0.827051168
	LOC_Os03g21710	OsWRKY44	-1.0893	2.84554	0.229798262	1.765020157	0.325890469	1.736291708
	LOC_Os05g25770	OsWRKY45	-1.8758	2.48826	0.363967616	1.432118143	0.634152219	1.468819907
	LOC_Os11g02480	OsWRKY46a	1.67297	1.48552	-0.231677028	0.241711184	-0.424428763	1.364102419
	LOC_Os04g21950	OsWRKY51	0.94002	1.21916	0.058885101	0.456782166	0.098511432	0.08197265

	LOC_Os05g27730	OsWRKY53	0.94101	2.38552	0.057358022	0.056692254	0.42711052	-0.269566526
	LOC_Os03g20550	OsWRKY55	0.4183	1.99705	0.504010741	0.143690817	0.334111105	1.143200373
	LOC_Os12g02440	OsWRKY56	0.96812	1.43995	-0.333227854	0.73385856	-0.324539366	2.872222488
	LOC_Os09g25070	OsWRKY62	-1.0558	5.47647	0.795129366	1.519156887	0.10729179	3.038740266
	LOC_Os05g09020	OsWRKY67	0.47957	1.58967	0.261398589	0.560997598	0.987076967	0.463417073
	LOC_Os05g39720	OsWRKY70	1.11091	3.35279	0.376073795	1.202302715	0.954479841	1.64834793
	LOC_Os02g08440	OsWRKY71	0.75004	2.39905	0.274516773	0.753556862	0.403305197	0.432908484
	LOC_Os11g29870	OsWRKY72	2.33427	4.89827	0.032927376	0.918959355	0.070767326	1.591405921
	LOC_Os09g25060	OsWRKY76	-3.8922	3.55741	0.145828619	1.969975189	0.219673892	2.715159251
	LOC_Os01g40260	OsWRKY77	-1.5294	1.97772	-0.065604001	0.438668197	0.040076122	0.203209423
	LOC_Os12g40570	OsWRKY83	0.16116	1.19931	-0.047121881	0.482346073	0.097749847	0.41581069
	LOC_Os01g09080	OsWRKY97	1.17777	2.01521	0.064345867	-0.166600894	0.15615768	-0.038280051
Receptor like kinases(31)	LOC_Os09g23570	leucine rich repeat III	0.59623	2.87733	0.315786998	-0.457568301	0.486994221	0.59803256
	LOC_Os05g44770	leucine rich repeat XI	0.35147	2.3603	-0.190423749	0.718697749	0.479116057	0.301163678
	LOC_Os10g33040	leucine rich repeat XI	1.37691	3.60303	-0.02860703	1.910698284	-0.376732458	2.805948666
	LOC_Os01g65650	leucine rich repeat XI	1.06512	1.51181	0.546535117	-0.231422132	0.256045466	0.975003542
	LOC_Os05g01444	leucine rich repeat XI	0.53443	1.78318	0.258184622	0.222665616	0.042018234	-0.175778741
	LOC_Os10g32990	leucine rich repeat XI	0.69102	2.16712	0.677484712	-0.098482145	0.224659285	-0.472630822
	LOC_Os11g36160	leucine rich repeat XI	2.26572	0.86823	-0.279772514	-0.80478282	-0.395614971	-0.376810338
	LOC_Os11g36200	leucine rich repeat XI	1.02543	2.85649	-0.445597816	0.001040652	-0.358346665	-1.833619642
	LOC_Os10g02970	leucine rich repeat XII	1.15312	1.98662	0.730222016	0.379353338	-0.219223181	-0.452743066
	LOC_Os04g52600	receptor kinases	0.90225	1.56807	0.159134886	-0.673346522	-0.65419809	-0.333710784
	LOC_Os05g16930	receptor kinases	2.14716	0.35022	0.11914548	-0.430249114	0.162824311	-0.40027883
	LOC_Os05g17604	receptor kinases	1.16688	1.52404	0.322502688	0.060939106	0.24112474	-0.168628531
	LOC_Os11g31680	DUF 26	1.75104	1.92806	0.58529224	-0.761655568	-0.590939357	-0.359408488
	LOC_Os01g02300	S-locus glycoprotein like	0.43357	1.87491	0.276049512	0.279891889	0.194833665	0.545646633
	LOC_Os01g66250	S-locus glycoprotein like	0.3521	2.82903	1.35115524	1.398597851	0.826888877	0.807769306
	LOC_Os07g36544	S-locus glycoprotein like	1.00975	5.08834	0.751934098	0.602798301	0.222657551	0.249139835
	LOC_Os07g36570	S-locus glycoprotein like	0.31892	2.24853	0.546160256	0.954988464	-0.217455643	0.917562147
	LOC_Os07g36590	S-locus glycoprotein like	2.28577	2.3964	-0.106871498	-0.298219172	-0.169537651	-0.320576221
	LOC_Os01g02390	S-locus glycoprotein like	0.98511	2.777	-0.005233619	0.181621948	-0.501290003	1.072981895
	LOC_Os01g36790	S-locus glycoprotein like	0.35373	1.82967	0.355411869	0.42203027	-0.12375993	0.697665965
	LOC_Os02g48080	S-locus glycoprotein like	1.09703	2.32109	0.111433979	0.327203979	-0.299948245	0.873404234
	LOC_Os04g52840	S-locus glycoprotein like	0.88025	2.67383	0.327269424	-0.073262974	0.257905322	0.311872753
	LOC_Os04g53994	S-locus glycoprotein like	0.40418	3.11731	0.015202568	1.168712037	0.210558188	1.51896989
	LOC_Os05g42210	S-locus glycoprotein like	0.67312	1.78595	0.116829216	0.440416521	-0.454875237	0.187080983
	LOC_Os06g13320	S-locus glycoprotein like	0.39298	1.55476	0.453227072	-0.077068835	-0.031320706	-0.183418495
	LOC_Os06g47530	S-locus glycoprotein like	0.51214	3.18354	0.105838502	1.038687736	0.237564362	0.831784245
	LOC_Os07g35300	S-locus glycoprotein like	-0.1949	1.63247	0.195421953	0.033468806	-0.436851434	-0.163515886

LOC_Os07g35330	S-locus glycoprotein like	-0.3696	2.17723	-0.175035503	-0.231177572	-0.00848344	-0.592470122
LOC_Os11g44860	S-locus glycoprotein like	1.0357	1.60389	1.059704937	0.114538254	0.946658124	0.407546609
LOC_Os04g44900	legume-lectin	1.66044	1.24277	0.284748813	0.262031968	0.290930794	0.065285265
LOC_Os07g03870	legume-lectin	0.83401	1.71751	0.235744585	0.941891211	0.356751715	0.923084244

Supplementary Table 6. Comparison of fold change values in response to MSP1 treatment between DNA microarray approach and qPCR analyses

Gene IDs	Annotation	log 2 fold change M24/con	
		Microarray	qPCR
LOC_Os04g45920	protein kinase domain containing protein	1.77	0.48
LOC_Os05g03620	TKL_IRAK_CR4L.4	2.89	1.06
LOC_Os02g34600	CAMK_CAMK_like.13	2.77	0.44
LOC_Os01g51920	phosphotransferase	3.91	0.7
LOC_Os02g05970	phytosulfokine receptor precursor	0.8	0.08
LOC_Os12g15680	laccase precursor protein	5.05	1.81
LOC_Os05g33410	xylanase inhibitor	3.54	0.57
LOC_Os03g53800	periplasmic beta-glucosidase precursor	2.74	0.56

M24/con, fold change of gene expression level in 24hpt MSP1 treated sample compared with control sample