

0	Probe-set ID	FDR	meanFCrma	Locus ID	Annotation
1	245306_at	0	114.02	At4g14690	chlorophyll A-B binding family protein / early light-induced protein, putative
2	260522_x_at	0	119.77	At2g41730	expressed protein
3	258321_at	0	102.65	At3g22840	chlorophyll A-B binding family protein / early light-induced protein (ELIP)
4	262518_at	0	72.49	At1g17170	glutathione S-transferase, putative
5	253496_at	0	61.1	At4g31870	glutathione peroxidase, putative
6	250207_at	0	42.71	At5g13930	chalcone synthase / naringenin-chalcone synthase
7	252123_at	0	41.91	At3g51240	naringenin 3-dioxygenase / flavanone 3-hydroxylase (F3H)
8	263231_at	0	40.95	At1g05680	UDP-glucuronosyl/UDP-glucosyl transferase family protein
9	258167_at	0	42.45	At3g21560	UDP-glucosyltransferase, putative
10	251020_at	0	40.04	At5g02270	ABC transporter family protein
11	248434_at	0	36.07	At5g51440	23.5 kDa mitochondrial small heat shock protein (HSP23.5-M)
12	265197_at	0	37.38	At2g36750	UDP-glucuronosyl/UDP-glucosyl transferase family protein
13	263403_at	0	33.94	At2g04040	MATE efflux family protein
14	251895_at	0	31.57	At3g54420	class IV chitinase (CHIV)
15	249063_at	0	32.01	At5g44110	ABC transporter family protein
16	249942_at	0.06	25.54	At5g22300	nitrilase 4 (NIT4) /// nitrilase 4 (NIT4)
17	245560_at	0.06	25.95	At4g15480	UDP-glucuronosyl/UDP-glucosyl transferase family protein
18	261021_at	0.06	24.21	At1g26380	FAD-binding domain-containing protein
19	249494_at	0.05	24.35	At5g39050	transferase family protein
20	265200_s_at	0.05	24.34	At2g36790	UDP-glucuronosyl/UDP-glucosyl transferase family protein
21	261450_s_at	0.05	21.81	At1g21110	O-methyltransferase, putative /// O-methyltransferase, putative
22	263128_at	0.05	21.67	At1g78600	zinc finger (B-box type) family protein
23	249770_at	0.04	19.82	At5g24110	WRKY family transcription factor
24	257654_at	0.04	20.92	At3g13310	DNAJ heat shock N-terminal domain-containing protein
25	248381_at	0.04	19.84	At5g51830	pfkB-type carbohydrate kinase family protein
26	266267_at	0.04	19.57	At2g29460	glutathione S-transferase, putative
27	265615_at	0.04	18.52	At2g25450	2-oxoglutarate-dependent dioxygenase, putative
28	258757_at	0.04	18.69	At3g10910	zinc finger (C3HC4-type RING finger) family protein

29	263402_at	0.03	18.7	At2g04050	MATE efflux family protein
30	258815_at	0.03	18.99	At3g04000	short-chain dehydrogenase/reductase (SDR) family protein
31	265499_at	0.03	17.6	At2g15480	UDP-glucuronosyl/UDP-glucosyl transferase family protein
32	261240_at	0.03	17.18	At1g32940	subtilase family protein
33	262229_at	0.03	16.91	At1g68620	expressed protein
34	261192_at	0.03	16.67	At1g32870	no apical meristem (NAM) family protein
35	263475_at	0.03	16.55	At2g31945	expressed protein
36	254077_at	0.03	16.33	At4g25640	MATE efflux family protein
37	248049_at	0.03	16.26	At5g56090	cytochrome oxidase assembly family protein
38	249125_at	0.03	15.84	At5g43450	2-oxoglutarate-dependent dioxygenase, putative
39	254318_at	0.03	15.8	At4g22530	embryo-abundant protein-related
40	252102_at	0.03	14	At3g50970	dehydrin xero2 (XERO2) / low-temperature-induced protein LTI30 (LTI30)
41	264400_at	0.02	14.35	At1g61800	glucose-6-phosphate/phosphate translocator, putative
42	249769_at	0.05	14.62	At5g24120	RNA polymerase sigma subunit SigE (sigE) / sigma-like factor (SIG5)
43	266071_at	0.07	13.77	At2g18680	expressed protein
44	253046_at	0.07	15.37	At4g37370	cytochrome P450, putative
45	250293_s_at	0.09	14.84	At5g13360	auxin-responsive GH3 family protein /// auxin-responsive GH3 family protein
46	259911_at	0.09	13.86	At1g72680	cinnamyl-alcohol dehydrogenase, putative
47	265668_at	0.09	13.76	At2g32020	GCN5-related N-acetyltransferase (GNAT) family protein
48	261242_at	0.08	13.38	At1g32960	subtilase family protein
49	261934_at	0.08	13.26	At1g22400	UDP-glucuronosyl/UDP-glucosyl transferase family protein
50	248207_at	0.08	13.2	At5g53970	aminotransferase, putative
51	264467_at	0.08	12.74	At1g10140	expressed protein
52	252010_at	0.08	12.81	At3g52740	expressed protein
53	257264_at	0.08	13.11	At3g22060	receptor protein kinase-related
54	252661_at	0.09	12.8	At3g44450	expressed protein
55	266290_at	0.11	12.53	At2g29490	glutathione S-transferase, putative
56	263122_at	0.11	12.31	At1g78510	solanesyl diphosphate synthase (SPS)
57	249377_at	0.11	12.08	At5g40690	expressed protein

58	253890_s_at	0.1	12.47	At5g54100	band 7 family protein /// band 7 family protein
59	252482_at	0.12	12.23	At3g46670	UDP-glucuronosyl/UDP-glucosyl transferase family protein
60	250083_at	0.12	11.95	At5g17220	glutathione S-transferase, putative
61	264514_at	0.11	12.02	At1g09500	cinnamyl-alcohol dehydrogenase family / CAD family
62	258975_at	0.11	11.86	At3g01970	WRKY family transcription factor
63	248347_at	0.11	11.65	At5g52250	transducin family protein / WD-40 repeat family protein
64	266368_at	0.11	11.67	At2g41380	embryo-abundant protein-related
65	250420_at	0.11	11.45	At5g11260	bZIP protein HY5 (HY5)
66	257951_at	0.11	11.65	At3g21700	expressed protein
67	266536_at	0.1	11.42	At2g16900	expressed protein
68	253044_at	0.1	11.53	At4g37290	expressed protein
69	265501_at	0.12	11.18	At2g15490	UDP-glucuronosyl/UDP-glucosyl transferase family protein
70	263210_at	0.11	10.95	At1g10585	expressed protein
71	245193_at	0.11	11.06	At1g67810	Fe-S metabolism associated domain-containing protein
72	266292_at	0.11	11.07	At2g29350	tropinone reductase, putative / tropine dehydrogenase, putative
73	256548_at	0.12	10.88	At3g14770	nodulin MtN3 family protein
74	262626_at	0.12	10.82	At1g06430	FtsH protease, putative
75	249233_at	0.12	10.29	At5g42150	expressed protein
76	250533_at	0.12	10.28	At5g08640	flavonol synthase 1 (FLS1)
77	246966_at	0.12	10.22	At5g24850	cryptochrome dash (CRYD)
78	248551_at	0.12	10.29	At5g50200	expressed protein
79	260567_at	0.11	10.29	At2g43820	UDP-glucuronosyl/UDP-glucosyl transferase family protein
80	260881_at	0.14	9.76	At1g21550	calcium-binding protein, putative
81	267300_at	0.15	10.16	At2g30140	UDP-glucuronosyl/UDP-glucosyl transferase family protein
82	247060_at	0.15	10.02	At5g66760	succinate dehydrogenase (ubiquinone) flavoprotein subunit, mitochondrial
83	266270_at	0.14	9.94	At2g29470	glutathione S-transferase, putative
84	262935_at	0.14	9.68	At1g79410	transporter-related
85	253268_s_at	0.14	9.89	At4g34135	UDP-glucuronosyl/UDP-glucosyl transferase family protein
86	263184_at	0.19	9.64	At1g05560	UDP-glucose transferase (UGT75B2)

87	255594_at	0.2	9.49	At4g01660	ABC1 family protein
88	253245_at	0.19	9.47	At4g34590	bZIP transcription factor family protein
89	257713_at	0.19	9.47	At3g27380	succinate dehydrogenase, iron-sulphur subunit, mitochondrial (SDH2-1)
90	256245_at	0.19	9.07	At3g12580	heat shock protein 70, putative / HSP70, putative
91	254922_at	0.19	9.2	At4g11370	zinc finger (C3HC4-type RING finger) family protein
92	258179_at	0.18	9.42	At3g21690	MATE efflux family protein
93	249191_at	0.18	9.42	At5g42760	O-methyltransferase N-terminus domain-containing protein
94	256252_at	0.18	9.25	At3g11340	UDP-glucuronosyl/UDP-glucosyl transferase family protein
95	267238_at	0.19	9.19	At2g44130	kelch repeat-containing F-box family protein
96	257058_at	0.19	8.92	At3g15352	cytochrome c oxidase copper chaperone-related
97	262705_at	0.19	9.01	At1g16260	protein kinase family protein
98	257176_s_at	0.18	9.21	At3g23510	cyclopropane fatty acid synthase, putative / CPA-FA synthase, putative
99	266752_at	0.18	9.08	At2g47000	multidrug resistant (MDR) ABC transporter, putative
100	258201_at	0.18	8.71	At3g13910	expressed protein
101	261763_at	0.18	8.9	At1g15520	ABC transporter family protein
102	262113_at	0.19	8.68	At1g02820	late embryogenesis abundant 3 family protein / LEA3 family protein
103	247641_at	0.21	8.75	At5g60540	SNO glutamine amidotransferase family protein
104	245936_at	0.21	8.9	At5g19850	hydrolase, alpha/beta fold family protein
105	247780_at	0.21	8.72	At5g58770	dehydrodolichyl diphosphate synthase, putative/DEDOL-PP synthase, putative
106	263515_at	0.21	8.6	At2g21640	expressed protein
107	253943_at	0.21	8.71	At4g27030	expressed protein
108	253281_at	0.2	8.64	At4g34138	UDP-glucuronosyl/UDP-glucosyl transferase family protein
109	253841_at	0.2	8.54	At4g27830	glycosyl hydrolase family 1 protein
110	253796_at	0.2	8.47	At4g28460	hypothetical protein
111	251248_at	0.2	8.48	At3g62150	multidrug resistant (MDR) ABC transporter, putative
112	245082_at	0.2	8.34	At2g23270	expressed protein
113	246468_at	0.19	8.68	At5g17050	UDP-glucuronosyl/UDP-glucosyl transferase family protein
114	259841_at	0.19	8.57	At1g52200	expressed protein
115	267066_at	0.2	8.39	At2g41040	methyltransferase-related

116	254447_at	0.2	8.46	At4g20860	FAD-binding domain-containing protein
117	258203_at	0.2	8.31	At3g13950	expressed protein
118	256576_at	0.21	8.12	At3g28210	zinc finger (AN1-like) family protein
119	259537_at	0.21	8.21	At1g12370	type II CPD photolyase PHR1 (PHR1)
120	260072_at	0.22	8.11	At1g73650	expressed protein
121	251091_at	0.21	8.07	At5g01410	stress-responsive protein, putative
122	259507_at	0.21	7.95	At1g43910	AAA-type ATPase family protein
123	252570_at	0.21	8.03	At3g45300	isovaleryl-CoA-dehydrogenase (IVD)
124	260706_at	0.21	7.94	At1g32350	alternative oxidase, putative
125	246744_at	0.22	7.8	At5g27760	hypoxia-responsive family protein
126	261376_at	0.22	7.86	At1g18660	zinc finger (C3HC4-type RING finger) family protein
127	260556_at	0.24	7.62	At2g43620	chitinase, putative
128	245392_at	0.24	7.6	At4g15680	glutaredoxin family protein
129	248163_at	0.24	7.62	At5g54510	auxin-responsive GH3 protein, putative (DFL-1)
130	251642_at	0.25	7.73	At3g57520	alkaline alpha galactosidase, putative
131	249798_at	0.25	7.65	At5g23730	transducin family protein / WD-40 repeat family protein
132	251400_at	0.26	7.37	At3g60420	expressed protein
133	255787_at	0.26	7.5	At2g33590	cinnamoyl-CoA reductase family
134	263134_at	0.31	7.35	At1g78570	NAD-dependent epimerase/dehydratase family protein
135	251176_at	0.3	7.35	At3g63380	calcium-transporting ATPase, plasma membrane-type / Ca(2+)-ATPase (ACA12)
136	247949_at	0.31	7.38	At5g57220	cytochrome P450, putative
137	245352_at	0.34	7.28	At4g15490	UDP-glucuronosyl/UDP-glucosyl transferase family protein
138	258349_at	0.33	7.29	At3g17610	bZIP transcription factor family protein / HY5-like protein (HYH)
139	253458_at	0.34	7.28	At4g32070	octicosapeptide/Phox/Bem1p (PB1) domain-containing protein
140	258452_at	0.34	7.29	At3g22370	alternative oxidase 1a, mitochondrial (AOX1A)
141	245998_at	0.33	7.17	At5g20830	sucrose synthase / sucrose-UDP glucosyltransferase (SUS1)
142	262635_at	0.35	7.21	At1g06570	4-hydroxyphenylpyruvate dioxygenase (HPD)
143	262526_at	0.35	7.21	At1g17050	geranyl diphosphate synthase, putative / GPPS, putative
144	257840_at	0.35	7.1	At3g25250	protein kinase family protein

145	266514_at	0.35	7.03	At2g47890	zinc finger (B-box type) family protein
146	257206_at	0.36	7	At3g16530	legume lectin family protein
147	248713_at	0.35	7.05	At5g48180	kelch repeat-containing protein
148	252076_at	0.35	6.99	At3g51660	macrophage migration inhibitory factor family protein / MIF family protein
149	261023_at	0.35	7.12	At1g12200	flavin-containing monooxygenase family protein / FMO family protein
150	253039_at	0.35	6.99	At4g37760	squalene monooxygenase, putative / squalene epoxidase, putative
151	262118_at	0.34	6.89	At1g02850	glycosyl hydrolase family 1 protein
152	264102_at	0.34	6.86	At1g79270	expressed protein
153	258805_at	0.34	6.81	At3g04010	glycosyl hydrolase family 17 protein
154	246831_at	0.34	6.8	At5g26340	hexose transporter, putative
155	247554_at	0.34	6.85	At5g61010	exocyst subunit EXO70 family protein
156	250580_at	0.35	6.86	At5g07440	glutamate dehydrogenase 2 (GDH2)
157	256376_s_at	0.34	6.71	At1g66690	S-adenosyl-L-methionine:carboxyl methyltransferase family protein
158	245505_at	0.34	6.66	At4g15690	glutaredoxin family protein
159	248686_at	0.36	6.64	At5g48540	33 kDa secretory protein-related
160	255881_at	0.36	6.71	At1g67070	phosphomannose isomerase, putative (DIN9)
161	259297_at	0.37	6.58	At3g05360	disease resistance family protein / LRR family protein
162	264746_at	0.36	6.61	At1g62300	WRKY family transcription factor
163	248550_at	0.36	6.63	At5g50210	quinolinate synthetase A-related
164	255543_at	0.38	6.59	At4g01870	tolB protein-related
165	254408_at	0.38	6.48	At4g21390	S-locus lectin protein kinase family protein
166	248492_at	0.39	6.42	At5g51040	expressed protein
167	258696_at	0.4	6.4	At3g09650	pentatricopeptide (PPR) repeat-containing protein
168	260955_at	0.39	6.33	At1g06000	UDP-glucuronosyl/UDP-glucosyl transferase family protein
169	264906_at	0.39	6.45	At2g17270	mitochondrial substrate carrier family protein
170	259037_at	0.39	6.4	At3g09350	armadillo/beta-catenin repeat family protein
171	259970_at	0.39	6.4	At1g76570	chlorophyll A-B binding family protein
172	251727_at	0.38	6.44	At3g56290	expressed protein
173	259520_at	0.39	6.4	At1g12320	expressed protein

174	264436_at	0.39	6.25	At1g10370	glutathione S-transferase, putative (ERD9)
175	260784_at	0.4	6.3	At1g06180	myb family transcription factor
176	257950_at	0.41	6.3	At3g21780	UDP-glucuronosyl/UDP-glucosyl transferase family protein
177	255011_at	0.44	6.2	At4g10040	cytochrome c, putative
178	265203_at	0.44	6.21	At2g36630	expressed protein
179	258979_at	0.44	6.22	At3g09440	heat shock cognate 70 kDa protein 3 (HSC70-3) (HSP70-3)
180	249493_at	0.43	6.21	At5g39080	transferase family protein
181	255406_at	0.43	6.13	At4g03450	ankyrin repeat family protein
182	259228_at	0.44	6.18	At3g07720	kelch repeat-containing protein
183	260327_at	0.45	6.07	At1g63840	zinc finger (C3HC4-type RING finger) family protein
184	245854_at	0.48	6.16	At5g13490	ADP, ATP carrier protein 2 / adenine nucleotide translocator 2 (ANT2)
185	256451_s_at	0.49	6	At1g75170	SEC14 cytosolic factor family protein/phosphoglyceride transfer family protein
186	245277_at	0.49	6.24	At4g15550	UDP-glucose:indole-3-acetate beta-D-glucosyltransferase (IAGLU)
187	267138_s_at	0.49	6.1	At2g38210	ethylene-responsive protein, putative / ethylene-responsive protein, putative
188	245264_at	0.51	6.18	At4g17245	zinc finger (C3HC4-type RING finger) family protein
189	259226_at	0.5	5.89	At3g07700	ABC1 family protein
190	267364_at	0.5	5.93	At2g40080	expressed protein
191	261651_at	0.5	5.91	At1g27760	interferon-related developmental regulator family protein/IFRD protein family
192	255468_at	0.51	5.95	At4g03020	transducin family protein / WD-40 repeat family protein
193	257212_at	0.52	5.91	At3g15090	oxidoreductase, zinc-binding dehydrogenase family protein
194	259856_at	0.53	6.01	At1g68440	expressed protein
195	247435_at	0.53	5.9	At5g62480	glutathione S-transferase, putative
196	253861_at	0.53	5.89	At4g27680	MSP1 protein, putative / intramitochondrial sorting protein, putative
197	259947_at	0.55	5.81	At1g71530	protein kinase family protein
198	265886_at	0.56	5.88	At2g25620	protein phosphatase 2C, putative / PP2C, putative
199	251884_at	0.56	5.76	At3g54150	embryo-abundant protein-related
200	246042_at	0.56	5.87	At5g19440	cinnamyl-alcohol dehydrogenase, putative (CAD)
201	258100_at	0.58	5.85	At3g23550	MATE efflux family protein
202	265634_at	0.57	5.77	At2g25530	AFG1-like ATPase family protein

203	251658_at	0.58	5.82	At3g57020	strictosidine synthase family protein
204	253013_at	0.58	5.72	At4g37910	heat shock protein 70, mitochondrial, putative/HSP70, mitochondrial, putative
205	251503_at	0.62	5.71	At3g59140	ABC transporter family protein
206	260602_at	0.64	5.67	At1g55920	serine O-acetyltransferase, putative
207	246954_at	0.64	5.56	At5g04830	expressed protein
208	258880_at	0.65	5.58	At3g06420	autophagy 8h (APG8h)
209	253252_at	0.67	5.62	At4g34740	amidophosphoribosyltransferase
210	263565_at	0.7	5.44	At2g15390	xyloglucan fucosyltransferase, putative (FUT4)
211	254289_at	0.71	5.42	At4g22980	expressed protein
212	258094_at	0.71	5.52	At3g14690	cytochrome P450, putative
213	258162_at	0.72	5.32	At3g17810	dihydroorotate dehydrogenase / dihydroorotate oxidase family protein
214	258125_s_at	0.71	5.62	At3g23520	cyclopropane fatty acid synthase, putative / CPA-FA synthase, putative
215	256140_at	0.72	5.47	At1g48650	helicase domain-containing protein
216	266958_at	0.72	5.45	At2g34630	geranyl diphosphate synthase, putative / GPPS
217	257262_at	0.72	5.4	At3g21890	zinc finger (B-box type) family protein
218	264460_at	0.74	5.41	At1g10170	NF-X1 type zinc finger family protein
219	245794_at	0.75	5.4	At1g32170	xyloglucan:xyloglucosyl transferase, putative / endotransglycosylase (XTR4)
220	265892_at	0.75	5.45	At2g15020	expressed protein
221	245173_at	0.75	5.4	At2g47520	AP2 domain-containing transcription factor, putative
222	254197_at	0.77	5.35	At4g24040	glycosyl hydrolase family protein 37 / trehalase, putative
223	267142_at	0.76	5.25	At2g38290	ammonium transporter 2 (AMT2)
224	260419_at	0.77	5.34	At1g69730	protein kinase family protein
225	267559_at	0.78	5.29	At2g45570	cytochrome P450 76C2, putative (CYP76C2) (YLS6)
226	252487_at	0.78	5.26	At3g46660	UDP-glucuronosyl/UDP-glucosyl transferase family protein
227	247287_at	0.78	5.21	At5g64230	expressed protein
228	260661_at	0.77	5.3	At1g19500	hypothetical protein
229	252303_at	0.77	5.15	At3g49210	expressed protein
230	262219_at	0.78	5.27	At1g74750	pentatricopeptide (PPR) repeat-containing protein
231	265078_at	0.78	5.28	At1g55500	expressed protein

232	267181_at	0.79	5.28	At2g37760	aldo/keto reductase family protein
233	253779_at	0.79	5.15	At4g28490	leucine-rich repeat transmembrane protein kinase, putative
234	256819_at	0.82	5.19	At3g21390	mitochondrial substrate carrier family protein
235	267178_at	0.82	5.18	At2g37750	expressed protein
236	257830_at	0.86	5.17	At3g26690	MutT/nudix family protein
237	257252_at	0.85	5.17	At3g24170	glutathione reductase, putative
238	250666_at	0.86	5.11	At5g07100	WRKY family transcription factor
239	261618_at	0.85	5.18	At1g33110	MATE efflux family protein
240	254741_s_at	0.88	5.07	At4g13900	pseudogene, similar to NLOD
241	259925_at	0.89	5.13	At1g75040	pathogenesis-related protein 5 (PR-5)
242	258188_at	0.88	4.97	At3g17800	expressed protein
243	258140_at	0.88	5.02	At3g24503	aldehyde dehydrogenase (ALDH1a)
244	246584_at	0.91	4.95	At5g14730	expressed protein
245	260648_at	0.91	4.93	At1g08050	zinc finger (C3HC4-type RING finger) family protein
246	257918_at	0.94	4.99	At3g23230	ethylene-responsive factor, putative
247	259272_at	0.94	4.91	At3g01290	band 7 family protein
248	252993_at	0.95	4.94	At4g38540	monooxygenase, putative (MO2)
249	262607_at	0.95	4.94	At1g13990	expressed protein
250	261064_at	0.94	4.87	At1g07510	FtsH protease, putative
251	263796_at	0.98	4.94	At2g24540	kelch repeat-containing F-box family protein
252	262634_at	0.98	4.88	At1g06690	aldo/keto reductase family protein
253	263490_at	0.98	4.92	At2g42620	F-box family protein (ORE9)
254	254020_at	0.98	4.85	At4g25700	beta-carotene hydroxylase
255	255677_at	0.98	4.86	At4g00500	lipase class 3 family protein / calmodulin-binding heat-shock protein-related
256	267289_at	0.98	4.87	At2g23770	protein kinase family protein / peptidoglycan-binding LysM domain-containing
257	257666_at	0.98	4.87	At3g20270	lipid-binding serum glycoprotein family protein
258	259502_at	1	4.87	At1g15670	kelch repeat-containing F-box family protein
259	262419_at	1	4.82	At1g50380	prolyl oligopeptidase family protein
260	245895_at	1.05	4.79	At5g09230	transcriptional regulator Sir2 family protein

261	263901_at	1.05	4.71	At2g36320	zinc finger (AN1-like) family protein
262	263845_at	1.08	4.79	At2g37040	phenylalanine ammonia-lyase 1 (PAL1)
263	247820_at	1.09	4.73	At5g58380	CBL-interacting protein kinase 10 (CIPK10)
264	248606_at	1.1	4.75	At5g49450	bZIP family transcription factor
265	262945_at	1.17	4.65	At1g79510	expressed protein
266	267470_at	1.17	4.69	At2g30490	trans-cinnamate 4-monooxygenase / cinnamic acid 4-hydroxylase (C4H) (CA4H)
267	265193_at	1.18	4.66	At1g05070	expressed protein
268	246272_at	1.17	4.65	At4g37150	esterase, putative
269	263497_at	1.17	4.61	At2g42540	cold-responsive protein / cold-regulated protein (cor15a)
270	250502_at	1.2	4.66	At5g09590	heat shock protein 70 / HSP70 (HSC70-5)
271	266995_at	1.2	4.55	At2g34500	cytochrome P450 family protein
272	251827_at	1.2	4.67	At3g55120	chalcone-flavanone isomerase / chalcone isomerase (CHI)
273	252300_at	1.2	4.68	At3g49160	pyruvate kinase family protein
274	266532_at	1.23	4.52	At2g16890	UDP-glucuronosyl/UDP-glucosyl transferase family protein
275	253247_at	1.23	4.61	At4g34610	homeodomain-containing protein
276	262119_s_at	1.24	4.57	At1g02930	glutathione S-transferase, putative /// glutathione S-transferase, putative
277	263517_at	1.28	4.5	At2g21620	universal stress protein (USP) family responsive to desiccation protein (RD2)
278	264553_s_at	1.27	4.5	At1g09480	cinnamyl-alcohol dehydrogenase family / CAD family
279	264901_at	1.27	4.54	At1g23090	sulfate transporter, putative
280	253453_at	1.27	4.48	At4g31860	protein phosphatase 2C, putative / PP2C, putative
281	260336_at	1.27	4.55	At1g73990	peptidase U7 family protein
282	248440_at	1.28	4.53	At5g51260	acid phosphatase, putative
283	260239_at	1.28	4.5	At1g74360	leucine-rich repeat transmembrane protein kinase, putative
284	264894_at	1.29	4.47	At1g23040	hydroxyproline-rich glycoprotein family protein
285	254890_at	1.31	4.49	At4g11600	glutathione peroxidase, putative
286	258133_at	1.31	4.43	At3g24500	ethylene-responsive transcriptional coactivator, putative
287	257487_at	1.31	4.46	At1g71850	expressed protein
288	264752_at	1.34	4.47	At1g23010	multi-copper oxidase type I family protein
289	259461_at	1.34	4.5	At1g18900	pentatricopeptide (PPR) repeat-containing protein

290	249487_at	1.34	4.4	At5g39040	ABC transporter (TAP2)
291	261663_at	1.34	4.53	At1g18330	myb family transcription factor
292	264663_at	1.34	4.42	At1g09970	leucine-rich repeat transmembrane protein kinase, putative
293	247532_at	1.37	4.44	At5g61560	protein kinase family protein
294	260137_at	1.37	4.4	At1g66330	senescence-associated family protein
295	250182_at	1.36	4.49	At5g14470	GHMP kinase-related
296	257690_at	1.41	4.44	At3g12830	auxin-responsive family protein
297	263556_at	1.41	4.41	At2g16350	F-box family protein
298	247779_at	1.42	4.35	At5g58760	transducin family protein / WD-40 repeat family protein
299	256793_at	1.43	4.36	At3g22160	VQ motif-containing protein
300	260421_at	1.43	4.33	At1g69640	acid phosphatase, putative
301	263401_at	1.44	4.31	At2g04070	MATE efflux family protein
302	247955_at	1.44	4.31	At5g56950	nucleosome assembly protein (NAP), putative
303	263875_at	1.44	4.25	At2g21970	stress enhanced protein 2 (SEP2)
304	248537_at	1.44	4.3	At5g50100	expressed protein
305	249148_at	1.43	4.35	At5g43260	chaperone protein dnaJ-related
306	248045_at	1.47	4.32	At5g56030	heat shock protein 81-2 (HSP81-2)
307	248162_at	1.47	4.27	At5g54500	quinone reductase, putative
308	252073_at	1.47	4.24	At3g51750	expressed protein
309	255860_at	1.47	4.28	At5g34940	glycosyl hydrolase family 79 N-terminal domain-containing protein
310	252334_at	1.49	4.29	At3g48850	mitochondrial phosphate transporter, putative
311	253688_at	1.49	4.26	At4g29590	expressed protein
312	257253_at	1.5	4.27	At3g24190	ABC1 family protein
313	247835_at	1.5	4.28	At5g57910	expressed protein
314	248101_at	1.5	4.2	At5g55200	co-chaperone grpE protein, putative
315	248043_s_at	1.49	4.3	At5g56000	heat shock protein 81-4 (HSP81-4) /// heat shock protein 81-4 (HSP81-4)
316	257908_at	1.49	4.28	At3g25410	bile acid:sodium symporter family protein
317	248330_at	1.55	4.21	At5g52810	ornithine cyclodeaminase/mu-crystallin family protein
318	252131_at	1.55	4.18	At3g50930	AAA-type ATPase family protein

319	255230_at	1.54	4.14	At4g05390	ferredoxin--NADP(+) reductase, putative / adrenodoxin reductase, putative
320	258401_at	1.54	4.16	At3g15430	regulator of chromosome condensation (RCC1) family protein
321	257746_at	1.54	4.22	At3g29200	chorismate mutase, chloroplast (CM1)
322	245390_at	1.56	4.2	At4g17650	aromatic-rich family protein
323	246411_at	1.56	4.17	At1g57770	amine oxidase family
324	262882_at	1.62	4.17	At1g64900	cytochrome P450, putative
325	250287_at	1.62	4.13	At5g13330	AP2 domain-containing transcription factor family protein
326	246989_at	1.65	4.11	At5g67350	expressed protein
327	257791_at	1.65	4.11	At3g27110	peptidase M48 family protein
328	248064_at	1.67	4.13	At5g55570	expressed protein
329	261216_at	1.68	4.16	At1g33030	O-methyltransferase family 2 protein
330	264042_at	1.68	4.12	At2g03760	steroid sulfotransferase, putative
331	261005_at	1.72	4.04	At1g26420	FAD-binding domain-containing protein
332	246098_at	1.72	4.04	At5g20400	oxidoreductase, 2OG-Fe(II) oxygenase family protein
333	253343_at	1.72	4.05	At4g33540	metallo-beta-lactamase family protein
334	250794_at	1.72	4.05	At5g05270	chalcone-flavanone isomerase family protein
335	246122_at	1.74	4.05	At5g20380	transporter-related
336	260527_at	1.74	4.02	At2g47270	expressed protein
337	264261_at	1.75	4.09	At1g09240	nicotianamine synthase, putative
338	262536_at	1.76	4	At1g17100	SOUL heme-binding family protein
339	256787_at	1.76	4.04	At3g13790	beta-fructosidase (BFRUCT1) / beta-fructofuranosidase / cell wall invertase
340	246069_at	1.76	3.98	At5g20220	zinc knuckle (CCHC-type) family protein
341	251309_at	1.79	4.05	At3g61220	short-chain dehydrogenase/reductase (SDR) family protein
342	250301_at	1.81	4	At5g11970	expressed protein
343	259403_at	1.81	4.03	At1g17745	D-3-phosphoglycerate dehydrogenase / 3-PGDH
344	260804_at	1.81	3.98	At1g78410	VQ motif-containing protein
345	252450_s_at	1.81	3.99	At3g47090	leucine-rich repeat transmembrane protein kinase, putative
346	250385_at	1.86	3.94	At5g11520	aspartate aminotransferase, chloroplast / transaminase A (ASP3) (YLS4)
347	265725_at	1.86	3.93	At2g32030	GCN5-related N-acetyltransferase (GNAT) family protein

348	259965_at	1.87	3.93	At1g53670	transcription factor-related
349	248164_at	1.86	3.94	At5g54490	calcium-binding EF-hand protein, putative
350	262916_at	1.86	3.93	At1g59700	glutathione S-transferase, putative
351	246017_at	1.86	3.95	At5g10730	expressed protein
352	255941_at	1.86	3.92	At1g20350	mitochondrial import inner membrane translocase subunit Tim17, putative
353	249677_at	1.85	3.96	At5g35970	DNA-binding protein, putative
354	246293_at	1.89	3.92	At3g56710	sigA-binding protein
355	245686_at	1.89	3.88	At5g22060	DNAJ heat shock protein, putative
356	258091_at	1.9	3.87	At3g14560	expressed protein
357	258602_at	1.9	3.88	At3g02750	protein phosphatase 2C family protein / PP2C family protein
358	267477_at	1.91	3.89	At2g02710	PAC motif-containing protein
359	246158_at	1.92	3.89	At5g19855	expressed protein
360	259964_at	1.93	3.87	At1g53680	glutathione S-transferase, putative
361	266257_at	1.94	3.89	At2g27820	prephenate dehydratase family protein
362	251770_at	1.99	3.77	At3g55970	oxidoreductase, 2OG-Fe(II) oxygenase family protein
363	245885_at	1.99	3.85	At5g09440	phosphate-responsive protein, putative
364	259475_at	2.02	3.81	At1g19140	expressed protein
365	256934_at	2.02	3.87	At3g22530	expressed protein
366	258315_at	2.08	3.79	At3g16175	thioesterase family protein
367	251839_at	2.08	3.78	At3g54950	patatin-related
368	245977_at	2.09	3.8	At5g13110	glucose-6-phosphate 1-dehydrogenase, putative / G6PD, putative
369	251104_at	2.09	3.79	At5g01720	F-box family protein (FBL3)
370	245324_at	2.12	3.78	At4g17260	L-lactate dehydrogenase, putative
371	265742_at	2.13	3.84	At2g01290	expressed protein
372	247679_at	2.13	3.76	At5g59540	oxidoreductase, 2OG-Fe(II) oxygenase family protein
373	257315_at	2.15	3.85	At3g30775	proline oxidase, mitochondrial / (POX) (PRO1) (ERD5)
374	267070_at	2.15	3.74	At2g41000	DNAJ heat shock N-terminal domain-containing protein
375	260362_at	2.18	3.76	At1g70530	protein kinase family protein
376	254740_s_at	2.2	3.78	At4g13890	glycine hydroxymethyltransferase, putative

377	262678_at	2.2	3.76	At1g75810	expressed protein
378	247793_at	2.21	3.73	At5g58650	expressed protein
379	267008_at	2.22	3.7	At2g39350	ABC transporter family protein
380	267546_at	2.22	3.72	At2g32680	disease resistance family protein
381	264692_at	2.23	3.71	At1g70000	DNA-binding family protein
382	261836_at	2.23	3.7	At1g16090	wall-associated kinase-related
383	255304_at	2.26	3.69	At4g04850	K ⁺ efflux antiporter, putative (KEA3)
384	250860_at	2.28	3.67	At5g04770	amino acid permease family protein
385	246199_at	2.32	3.65	At4g36530	hydrolase, alpha/beta fold family protein
386	256055_at	2.34	3.66	At1g07030	mitochondrial substrate carrier family protein
387	263472_at	2.35	3.63	At2g31950	molybdopterin biosynthesis protein, putative
388	262745_at	2.35	3.65	At1g28600	lipase, putative
389	248335_at	2.36	3.77	At5g52450	MATE efflux protein-related
390	253394_at	2.36	3.64	At4g32770	tocopherol cyclase, chloroplast / (VTE1) / (SXD1)
391	263015_at	2.37	3.63	At1g23430	pyrrolidone-carboxylate peptidase family protein
392	266097_at	2.36	3.61	At2g37970	SOUL heme-binding family protein
393	263495_at	2.36	3.63	At2g42530	cold-responsive protein / cold-regulated protein (cor15b)
394	250818_at	2.35	3.65	At5g04930	phospholipid-transporting ATPase 1 / aminophospholipid flippase 1 / ALA1
395	256033_at	2.38	3.61	At1g07250	UDP-glucuronosyl/UDP-glucosyl transferase family protein
396	261266_at	2.38	3.63	At1g26770	expansin, putative (EXP10)
397	248138_at	2.38	3.67	At5g54960	pyruvate decarboxylase, putative
398	246858_at	2.38	3.65	At5g25930	leucine-rich repeat family protein / protein kinase family protein
399	262473_at	2.38	3.63	At1g50250	cell division protein ftsH homolog 1, chloroplast (FTSH1) (FTSH)
400	253125_at	2.39	3.59	At4g36040	DNAJ heat shock N-terminal domain-containing protein (J11)
401	252365_at	2.4	3.59	At3g48350	cysteine proteinase, putative
402	256404_at	2.42	3.61	At3g06250	far-red impaired responsive protein, putative
403	261718_at	2.42	3.64	At1g18390	protein kinase family protein
404	249171_at	2.43	3.6	At5g42940	zinc finger (C3HC4-type RING finger) family protein
405	262933_at	2.44	3.57	At1g65840	amine oxidase family protein

406	247819_at	2.44	3.57	At5g58350	protein kinase family protein
407	263073_at	2.44	3.63	At2g17500	auxin efflux carrier family protein
408	252363_at	2.47	3.63	At3g48460	GDSL-motif lipase/hydrolase family protein
409	248689_at	2.47	3.56	At5g48150	phytochrome A signal transduction 1 (PAT1)
410	257038_at	2.48	3.53	At3g19260	longevity-assurance (LAG1) family protein
411	253401_at	2.51	3.55	At4g32870	expressed protein
412	260040_at	2.51	3.54	At1g68765	expressed protein
413	255578_at	2.56	3.53	At4g01450	nodulin MtN21 family protein
414	253251_at	2.57	3.57	At4g34730	ribosome-binding factor A family protein
415	248040_at	2.61	3.55	At5g55970	zinc finger (C3HC4-type RING finger) family protein
416	248607_at	2.64	3.53	At5g49480	sodium-inducible calcium-binding protein (ACP1)
417	263117_at	2.67	3.53	At1g03040	basic helix-loop-helix (bHLH) family protein
418	249244_at	2.69	3.52	At5g42270	FtsH protease, putative
419	249481_at	2.7	3.5	At5g38900	DSBA oxidoreductase family protein
420	264777_at	2.69	3.69	At1g08630	L-allo-threonine aldolase-related
421	266761_at	2.72	3.49	At2g47130	short-chain dehydrogenase/reductase (SDR) family protein
422	266835_at	2.73	3.5	At2g29990	pyridine nucleotide-disulphide oxidoreductase family protein
423	264365_s_at	2.73	3.48	At1g03220	extracellular dermal glycoprotein, putative / EDGP, putative
424	264207_at	2.74	3.48	At1g22750	expressed protein
425	247433_at	2.74	3.52	At5g62540	ubiquitin-conjugating enzyme 3 (UBC3)
426	258879_at	2.75	3.49	At3g03270	universal stress protein (USP) / early nodulin ENOD18 family protein
427	263779_at	2.77	3.47	At2g46340	phytochrome A supressor spa1 (SPA1)
428	266618_at	2.76	3.48	At2g35480	expressed protein
429	262590_at	2.76	3.46	At1g15100	zinc finger (C3HC4-type RING finger) family protein
430	254432_at	2.76	3.49	At4g20830	FAD-binding domain-containing protein
431	256735_at	2.76	3.44	At3g29400	exocyst subunit EXO70 family protein
432	265216_at	2.76	3.49	At1g05100	protein kinase family protein
433	260418_s_at	2.75	3.48	At1g69750	cox19 family protein /// cox19 family protein
434	258023_at	2.74	3.61	At3g19450	cinnamyl-alcohol dehydrogenase (CAD)

435	251790_at	2.75	3.43	At3g55470	C2 domain-containing protein
436	261958_at	2.75	3.56	At1g64500	glutaredoxin family protein
437	264264_at	2.77	3.46	At1g09250	expressed protein
438	251597_at	2.81	3.42	At3g57750	protein kinase, putative
439	252908_at	2.88	3.43	At4g39670	expressed protein
440	264463_at	2.88	3.42	At1g10150	expressed protein
441	247255_at	2.91	3.39	At5g64780	expressed protein
442	253181_at	2.94	3.4	At4g35180	amino acid transporter family protein
443	263473_at	2.95	3.56	At2g31750	UDP-glucuronosyl/UDP-glucosyl transferase family protein
444	251200_at	2.95	3.38	At3g63010	expressed protein
445	251975_at	2.96	3.35	At3g53230	cell division cycle protein 48, putative / CDC48, putative
446	258049_at	2.96	3.36	At3g16220	expressed protein
447	259937_s_at	2.97	3.37	At1g71330	ABC transporter family protein /// ABC transporter family protein
448	267319_at	3	3.43	At2g34660	glutathione S-conjugate ABC transporter (MRP2)
449	259992_at	3	3.34	At1g67970	heat shock factor protein, (HSF5) / heat shock transcription factor, (HSTF5)
450	251110_at	3.06	3.36	At5g01260	glycoside hydrolase starch-binding domain-containing protein
451	259379_at	3.07	3.33	At3g16350	myb family transcription factor
452	263919_at	3.06	3.32	At2g36470	expressed protein
453	264953_at	3.06	3.35	At1g77120	alcohol dehydrogenase (ADH)
454	261874_at	3.1	3.3	At1g50640	ethylene-responsive element-binding factor 3 (ERF3)
455	264186_at	3.11	3.28	At1g54570	esterase/lipase/thioesterase family protein
456	260064_at	3.11	3.33	At1g73730	ethylene-insensitive3-like3 (EIL3)
457	259875_s_at	3.12	3.33	At1g76690	12-oxophytodienoate reductase (OPR1)
458	262047_at	3.12	3.34	At1g80160	lactoylglutathione lyase family protein / glyoxalase I family protein
459	262054_s_at	3.12	3.43	At1g79920	heat shock protein 70, putative / HSP70, putative
460	266010_at	3.19	3.35	At2g37430	zinc finger (C2H2 type) family protein (ZAT11)
461	258683_at	3.19	3.27	At3g08760	protein kinase family protein
462	260900_s_at	3.24	3.36	At1g21400	2-oxoisovalerate dehydrogenase, putative
463	262100_s_at	3.23	3.36	At1g59550	UBX domain-containing protein /// UBX domain-containing protein

464	252607_at	3.29	3.33	At3g44990	xyloglucan:xyloglucosyl transferase, putative/ xyloglucan endotransglycosylase
465	249736_at	3.38	3.23	At5g24460	expressed protein
466	256772_at	3.46	3.22	At3g13750	beta-galactosidase, putative / lactase, putative
467	248332_at	3.46	3.22	At5g52640	heat shock protein 81-1 (HSP81-1) / heat shock protein 83 (HSP83)
468	245353_at	3.48	3.23	At4g16000	expressed protein
469	253559_at	3.47	3.25	At4g31140	glycosyl hydrolase family 17 protein
470	251910_at	3.5	3.19	At3g53810	lectin protein kinase, putative
471	265023_at	3.53	3.2	At1g24440	expressed protein
472	251605_at	3.52	3.19	At3g57830	leucine-rich repeat transmembrane protein kinase, putative
473	245528_at	3.54	3.21	At4g15530	pyruvate phosphate dikinase family protein
474	255694_at	3.54	3.28	At4g00050	basic helix-loop-helix (bHLH) family protein
475	265359_at	3.57	3.2	At2g16720	myb family transcription factor
476	253414_at	3.57	3.24	At4g33050	calmodulin-binding family protein
477	260601_at	3.59	3.19	At1g55910	metal transporter, putative (ZIP11)
478	247283_at	3.59	3.19	At5g64250	2-nitropropane dioxygenase family / NPD family
479	259479_at	3.59	3.24	At1g19020	expressed protein
480	252669_at	3.58	3.16	At3g44100	MD-2-related lipid recognition domain-containing protein
481	250094_at	3.59	3.17	At5g17380	pyruvate decarboxylase family protein
482	250049_at	3.64	3.16	At5g17780	hydrolase, alpha/beta fold family protein
483	246540_at	3.64	3.17	At5g15600	expressed protein
484	267036_at	3.65	3.31	At2g38465	expressed protein
485	267425_at	3.64	3.15	At2g34810	FAD-binding domain-containing protein
486	267168_at	3.66	3.18	At2g37770	aldo/keto reductase family protein
487	257081_at	3.65	3.17	At3g30460	zinc finger (C3HC4-type RING finger) family protein
488	253062_at	3.67	3.2	At4g37590	phototropic-responsive NPH3 family protein
489	252421_at	3.71	3.16	At3g47540	chitinase, putative
490	255298_at	3.71	3.13	At4g04840	methionine sulfoxide reductase domain-containing protein
491	247164_at	3.7	3.19	At5g65720	cysteine desulfurase, mitochondrial (NIFS)
492	254063_at	3.7	3.26	At4g25390	protein kinase family protein

493	251282_at	3.74	3.17	At3g61630	AP2 domain-containing transcription factor, putative
494	264442_at	3.75	3.11	At1g27480	lecithin:cholesterol acyltransferase family protein / LACT family protein
495	246485_at	3.78	3.13	At5g16080	expressed protein
496	256279_at	3.84	3.1	At3g12620	protein phosphatase 2C family protein / PP2C family protein
497	254948_at	3.89	3.13	At4g11000	ankyrin repeat family protein
498	248311_at	3.89	3.16	At5g52570	beta-carotene hydroxylase, putative
499	255895_at	3.91	3.17	At1g17990	12-oxophytodienoate reductase, putative
500	266360_at	3.94	3.1	At2g32250	far-red impaired responsive protein, putative
501	254016_at	3.94	3.11	At4g26150	zinc finger (GATA type) family protein
502	247323_at	3.96	3.1	At5g64170	dentin sialophosphoprotein-related
503	248436_at	3.99	3.08	At5g51220	ubiquinol-cytochrome C chaperone family protein
504	246947_at	3.98	3.15	At5g25120	cytochrome P450 family protein
505	250987_at	3.98	3.1	At5g02860	pentatricopeptide (PPR) repeat-containing protein
506	254050_s_at	3.97	3.07	At4g25670	expressed protein /// expressed protein
507	247650_at	4	3.13	At5g59960	expressed protein
508	256425_at	4	3.11	At1g33560	disease resistance protein (CC-NBS-LRR class), putative
509	253088_at	3.99	3.11	At4g36220	cytochrome P450 84A1 (CYP84A1) / ferulate-5-hydroxylase (FAH1)
510	251670_at	4.01	3.08	At3g57190	peptide chain release factor, putative
511	252099_at	4.03	3.05	At3g51250	senescence/dehydration-associated protein-related
512	262259_s_at	4.03	3.15	At1g53870	expressed protein /// expressed protein
513	255429_at	4.03	3.04	At4g03410	peroxisomal membrane protein-related
514	263251_at	4.03	3.07	At2g31410	expressed protein
515	260143_at	4.04	3.08	At1g71880	sucrose transporter / sucrose-proton symporter (SUC1)
516	259040_at	4.05	3.09	At3g09270	glutathione S-transferase, putative
517	256379_at	4.09	3.08	At1g66840	expressed protein
518	246126_at	4.16	3.03	At5g20070	MutT/nudix family protein
519	255842_at	4.18	3.03	At2g33530	serine carboxypeptidase S10 family protein
520	249515_at	4.27	3.07	At5g38530	tryptophan synthase-related
521	262503_at	4.29	3.03	At1g21670	expressed protein

522	263082_at	4.34	2.99	At2g27200	GTP-binding family protein
523	252016_at	4.35	2.98	At3g52950	CBS domain-containing protein / octicosapeptide/Phox/Bemp1 (PB1)
524	266070_at	4.35	3.03	At2g18660	expansin family protein (EXPR3)
525	257828_at	4.34	3.01	At3g26670	expressed protein
526	253220_s_at	4.36	3	At4g34920	1-phosphatidylinositol phosphodiesterase-related
527	258803_at	4.36	2.99	At3g04670	WRKY family transcription factor
528	255753_at	4.35	3	At1g18570	myb family transcription factor (MYB51)
529	251436_at	4.35	3.02	At3g59900	expressed protein
530	257536_at	4.35	3	At3g02800	tyrosine specific protein phosphatase family protein
531	256366_at	4.34	2.98	At1g66880	serine/threonine protein kinase family protein
532	264779_at	4.33	2.98	At1g08570	thioredoxin family protein
533	247989_at	4.36	2.98	At5g56350	pyruvate kinase, putative
534	261700_at	4.35	2.98	At1g32690	expressed protein
535	246463_at	4.44	3	At5g16970	NADP-dependent oxidoreductase, putative (P1)
536	266065_at	4.44	2.96	At2g18790	phytochrome B (PHYB)
537	249914_at	4.46	2.99	At5g22850	aspartyl protease family protein
538	267230_at	4.49	3.08	At2g44080	expressed protein
539	259076_at	4.48	3.01	At3g02140	expressed protein
540	264238_at	4.48	3.06	At1g54740	expressed protein
541	262507_at	4.5	2.97	At1g11330	S-locus lectin protein kinase family protein
542	247044_at	4.52	2.96	At5g66850	protein kinase family protein
543	253172_at	4.53	2.97	At4g35060	heavy-metal-associated domain-containing protein / copper chaperone (CCH)
544	261063_at	4.54	2.94	At1g07520	scarecrow transcription factor family protein
545	252315_at	4.55	2.94	At3g48690	expressed protein
546	255793_at	4.54	2.97	At2g33250	expressed protein
547	260959_at	4.55	2.94	At1g06050	expressed protein
548	254874_at	4.55	2.92	At4g11570	haloacid dehalogenase-like hydrolase family protein
549	266720_s_at	4.57	2.98	At2g46790	pseudo-response regulator, putative / timing of CAB expression 1-like protein
550	245797_at	4.57	2.93	At1g45261	defective chloroplasts and leaves protein-related / DCL protein-related

551	247176_at	4.6	2.9	At5g65110	acyl-CoA oxidase (ACX2)
552	247193_at	4.6	3.02	At5g65380	ripening-responsive protein, putative
553	252250_at	4.64	2.99	At3g49790	expressed protein
554	258813_at	4.65	2.91	At3g04060	no apical meristem (NAM) family protein
555	251930_at	4.67	2.9	At3g53780	rhomboid family protein
556	249140_at	4.68	2.91	At5g43190	F-box family protein (FBX6)
557	246597_at	4.68	3.01	At5g14760	L-aspartate oxidase family protein
558	251144_at	4.69	2.91	At5g01210	transferase family protein
559	261717_at	4.7	2.93	At1g18400	basic helix-loop-helix (bHLH) family protein
560	262396_at	4.71	2.95	At1g49470	expressed protein
561	262977_at	4.75	2.93	At1g75490	DRE-binding transcription factor, putative
562	256725_at	4.77	2.91	At2g34070	expressed protein
563	251054_at	4.78	2.91	At5g01540	lectin protein kinase, putative
564	263553_at	4.79	2.88	At2g16430	purple acid phosphatase (PAP10)
565	264397_at	4.79	2.93	At1g11820	glycosyl hydrolase family 17 protein
566	266842_at	4.78	2.91	At2g26140	FtsH protease, putative
567	259432_at	4.89	2.86	At1g01520	myb family transcription factor
568	258282_at	4.9	2.87	At3g26910	hydroxyproline-rich glycoprotein family protein
569	257623_at	4.91	2.89	At3g26210	cytochrome P450 71B23, putative (CYP71B23)
570	250350_at	4.96	2.88	At5g12010	expressed protein
571	258679_at	4.96	2.88	At3g08590	2,3-biphosphoglycerate-independent phosphoglycerate mutase, putative
572	260367_at	4.99	2.85	At1g69760	expressed protein

Table S2 Genes expressed in response to 1.0 $\mu\text{mol m}^{-2} \text{s}^{-1}$ UV-B in wild-type Arabidopsis.

The microarray data were analysed as described in Materials and methods. The probe-set ID is the Affymetrix probe-set identifier.

FDR (false discovery rate) is the expected percentage of false positives. The mean Fcrma is a measure of the fold change in expression.