

Probe-set ID	FDR	meanFCrma	Locus ID	Annotation
1 258321_at	0	79.44	At3g22840	chlorophyll A-B binding family protein / early light-induced protein (ELIP)
2 245306_at	0	86.03	At4g14690	chlorophyll A-B binding family protein / early light-induced protein, putative
3 253496_at	0	50.1	At4g31870	glutathione peroxidase, putative
4 250207_at	0	34.81	At5g13930	chalcone synthase / naringenin-chalcone synthase (CHS)
5 252123_at	0	32.21	At3g51240	naringenin 3-dioxygenase / flavanone 3-hydroxylase (F3H)
6 258167_at	0	29.44	At3g21560	UDP-glucosyltransferase, putative
7 251020_at	0	26.03	At5g02270	ABC transporter family protein
8 257654_at	0	26.86	At3g13310	DNAJ heat shock N-terminal domain-containing protein
9 249063_at	0	20.83	At5g44110	ABC transporter family protein
10 258815_at	0	18.33	At3g04000	short-chain dehydrogenase/reductase (SDR) family protein
11 263231_at	0	18.54	At1g05680	UDP-glucuronosyl/UDP-glucosyl transferase family protein
12 260522_x_at	0	17.08	At2g41730	expressed protein
13 265197_at	0	15.41	At2g36750	UDP-glucuronosyl/UDP-glucosyl transferase family protein
14 264467_at	0	15.25	At1g10140	expressed protein
15 249942_at	0	15.3	At5g22300	nitrilase 4 (NIT4) /// nitrilase 4 (NIT4)
16 252570_at	0	14.82	At3g45300	isovaleryl-CoA-dehydrogenase (IVD)
17 254077_at	0	14.76	At4g25640	MATE efflux family protein
18 256548_at	0	14.22	At3g14770	nodulin MtN3 family protein
19 248207_at	0	13.78	At5g53970	aminotransferase, putative
20 263128_at	0	12.84	At1g78600	zinc finger (B-box type) family protein
21 250420_at	0	13.09	At5g11260	bZIP protein HY5 (HY5)
22 246966_at	0	12.81	At5g24850	cryptochrome dash (CRYD)
23 267238_at	0	12.75	At2g44130	kelch repeat-containing F-box family protein
24 249494_at	0	12.76	At5g39050	transferase family protein
25 265200_s_at	0	12.57	At2g36790	UDP-glucuronosyl/UDP-glucosyl transferase family protein
26 249769_at	0	12.07	At5g24120	RNA polymerase sigma subunit SigE (sigE) / sigma-like factor (SIG5)
27 265615_at	0	11.7	At2g25450	2-oxoglutarate-dependent dioxygenase, putative
28 264777_at	0	11.87	At1g08630	L-allo-threonine aldolase-related

29	263122_at	0	12.25	At1g78510	solanesyl diphosphate synthase (SPS)
30	262113_at	0	11.44	At1g02820	late embryogenesis abundant 3 family protein / LEA3 family protein
31	245560_at	0	11.42	At4g15480	UDP-glucuronosyl/UDP-glucosyl transferase family protein
32	250293_s_at	0	12	At5g13360	auxin-responsive GH3 family protein /// auxin-responsive GH3 family protein
33	258757_at	0	11.23	At3g10910	zinc finger (C3HC4-type RING finger) family protein
34	251770_at	0	10.92	At3g55970	oxidoreductase, 2OG-Fe(II) oxygenase family protein
35	247780_at	0	10.9	At5g58770	dehydrodolichyl diphosphate synthase, putative / DEDOL-PP synthase, putative
36	252102_at	0	11.33	At3g50970	dehydrin xero2 (XERO2) / low-temperature-induced protein LTI30 (LTI30)
37	260900_s_at	0	10.64	At1g21400	2-oxoisovalerate dehydrogenase, putative
38	262626_at	0	10.78	At1g06430	FtsH protease, putative
39	258975_at	0	10.42	At3g01970	WRKY family transcription factor
40	250083_at	0	10.19	At5g17220	glutathione S-transferase, putative
41	249125_at	0	10.1	At5g43450	2-oxoglutarate-dependent dioxygenase, putative
42	249191_at	0	10.53	At5g42760	O-methyltransferase N-terminus domain-containing protein
43	248049_at	0	9.8	At5g56090	cytochrome oxidase assembly family protein
44	251642_at	0	9.43	At3g57520	alkaline alpha galactosidase, putative
45	259911_at	0	9.42	At1g72680	cinnamyl-alcohol dehydrogenase, putative
46	262229_at	0	9.13	At1g68620	expressed protein
47	253281_at	0	9.43	At4g34138	UDP-glucuronosyl/UDP-glucosyl transferase family protein
48	248347_at	0	8.59	At5g52250	transducin family protein / WD-40 repeat family protein
49	252010_at	0	8.71	At3g52740	expressed protein
50	252661_at	0	8.74	At3g44450	expressed protein
51	262635_at	0	8.8	At1g06570	4-hydroxyphenylpyruvate dioxygenase (HPD)
52	250533_at	0	8.48	At5g08640	flavonol synthase 1 (FLS1)
53	252482_at	0	8.61	At3g46670	UDP-glucuronosyl/UDP-glucosyl transferase family protein
54	253943_at	0	8.39	At4g27030	expressed protein
55	253039_at	0.02	8.22	At4g37760	squalene monooxygenase, putative / squalene epoxidase, putative
56	257264_at	0.02	8.15	At3g22060	receptor protein kinase-related
57	267066_at	0.03	8.13	At2g41040	methyltransferase-related

58	266290_at	0.03	8.02	At2g29490	glutathione S-transferase, putative
59	245936_at	0.03	8	At5g19850	hydrolase, alpha/beta fold family protein
60	260567_at	0.03	8.02	At2g43820	UDP-glucuronosyl/UDP-glucosyl transferase family protein
61	261192_at	0.03	7.59	At1g32870	no apical meristem (NAM) family protein
62	251727_at	0.05	7.52	At3g56290	expressed protein
63	257176_s_at	0.05	7.54	At3g23510	cyclopropane fatty acid synthase, putative / CPA-FA synthase, putative
64	254197_at	0.05	7.48	At4g24040	glycosyl hydrolase family protein 37 / trehalase, putative
65	258125_s_at	0.05	7.55	At3g23520	cyclopropane fatty acid synthase, putative / CPA-FA synthase, putative
66	261663_at	0.07	7.44	At1g18330	myb family transcription factor
67	267138_s_at	0.07	7.21	At2g38210	ethylene-responsive protein, putative / ethylene-responsive protein, putative
68	265892_at	0.07	7.32	At2g15020	expressed protein
69	245998_at	0.07	7.07	At5g20830	sucrose synthase / sucrose-UDP glucosyltransferase (SUS1)
70	259970_at	0.07	6.98	At1g76570	chlorophyll A-B binding family protein
71	259432_at	0.08	6.9	At1g01520	myb family transcription factor
72	245352_at	0.08	6.99	At4g15490	UDP-glucuronosyl/UDP-glucosyl transferase family protein
73	258179_at	0.08	6.87	At3g21690	MATE efflux family protein
74	257713_at	0.09	6.8	At3g27380	succinate dehydrogenase, iron-sulphur subunit, mitochondrial (SDH2-1)
75	255594_at	0.09	6.59	At4g01660	ABC1 family protein
76	262526_at	0.1	6.81	At1g17050	geranyl diphosphate synthase, putative / GPPS, putative
77	249798_at	0.1	6.74	At5g23730	transducin family protein / WD-40 repeat family protein
78	248713_at	0.1	6.65	At5g48180	kelch repeat-containing protein
79	247060_at	0.1	6.71	At5g66760	succinate dehydrogenase (ubiquinone) flavoprotein subunit, mitochondrial
80	266267_at	0.11	6.58	At2g29460	glutathione S-transferase, putative
81	259856_at	0.11	6.76	At1g68440	expressed protein
82	262518_at	0.11	6.78	At1g17170	glutathione S-transferase, putative
83	246468_at	0.11	6.64	At5g17050	UDP-glucuronosyl/UDP-glucosyl transferase family protein
84	264524_at	0.11	6.49	At1g10070	branched-chain amino acid aminotransferase 2 (BCAT2)
85	247641_at	0.1	6.31	At5g60540	SNO glutamine amidotransferase family protein
86	260784_at	0.1	6.38	At1g06180	myb family transcription factor

87	260072_at	0.12	6.41	At1g73650	expressed protein
88	250860_at	0.12	6.33	At5g04770	amino acid permease family protein
89	259502_at	0.14	6.28	At1g15670	kelch repeat-containing F-box family protein
90	251091_at	0.16	6.23	At5g01410	stress-responsive protein, putative
91	255881_at	0.16	6.22	At1g67070	phosphomannose isomerase, putative (DIN9)
92	262916_at	0.16	6.23	At1g59700	glutathione S-transferase, putative
93	253458_at	0.17	6.18	At4g32070	octicosapeptide/Phox/Bem1p (PB1) domain-containing protein
94	263184_at	0.17	6.26	At1g05560	UDP-glucose transferase (UGT75B2)
95	259537_at	0.18	6.03	At1g12370	type II CPD photolyase PHR1 (PHR1)
96	258696_at	0.18	6	At3g09650	pentatricopeptide (PPR) repeat-containing protein
97	261376_at	0.17	6.01	At1g18660	zinc finger (C3HC4-type RING finger) family protein
98	264102_at	0.17	6.08	At1g79270	expressed protein
99	263475_at	0.17	5.97	At2g31945	expressed protein
100	256772_at	0.17	5.91	At3g13750	beta-galactosidase, putative / lactase, putative
101	264238_at	0.2	6.14	At1g54740	expressed protein
102	249493_at	0.19	6.03	At5g39080	transferase family protein
103	262047_at	0.19	5.9	At1g80160	lactoylglutathione lyase family protein / glyoxalase I family protein
104	245264_at	0.19	6.07	At4g17245	zinc finger (C3HC4-type RING finger) family protein
105	265203_at	0.21	5.87	At2g36630	expressed protein
106	257262_at	0.21	5.86	At3g21890	zinc finger (B-box type) family protein
107	265193_at	0.23	5.6	At1g05070	expressed protein
108	263901_at	0.26	5.56	At2g36320	zinc finger (AN1-like) family protein
109	253841_at	0.26	5.69	At4g27830	glycosyl hydrolase family 1 protein
110	264894_at	0.26	5.52	At1g23040	hydroxyproline-rich glycoprotein family protein
111	261957_at	0.26	5.53	At1g64660	Cys/Met metabolism pyridoxal-phosphate-dependent enzyme family protein
112	263490_at	0.27	5.68	At2g42620	F-box family protein (ORE9)
113	256140_at	0.32	5.54	At1g48650	helicase domain-containing protein
114	260137_at	0.32	5.48	At1g66330	senescence-associated family protein
115	263796_at	0.32	5.54	At2g24540	kelch repeat-containing F-box family protein

116	263134_at	0.34	5.29	At1g78570	NAD-dependent epimerase/dehydratase family protein
117	259226_at	0.35	5.26	At3g07700	ABC1 family protein
118	251658_at	0.35	5.48	At3g57020	strictosidine synthase family protein
119	253268_s_at	0.36	5.44	At4g34135	UDP-glucuronosyl/UDP-glucosyl transferase family protein
120	258349_at	0.36	5.31	At3g17610	bZIP transcription factor family protein / HY5-like protein (HYH)
121	258094_at	0.36	5.29	At3g14690	cytochrome P450, putative
122	254016_at	0.41	5.29	At4g26150	zinc finger (GATA type) family protein
123	256819_at	0.42	5.21	At3g21390	mitochondrial substrate carrier family protein
124	260881_at	0.44	5.07	At1g21550	calcium-binding protein, putative
125	248492_at	0.46	4.97	At5g51040	expressed protein
126	247779_at	0.46	5.07	At5g58760	transducin family protein / WD-40 repeat family protein
127	261618_at	0.45	5.21	At1g33110	MATE efflux family protein
128	245277_at	0.45	5.28	At4g15550	UDP-glucose:indole-3-acetate beta-D-glucosyltransferase (IAGLU)
129	248163_at	0.45	4.96	At5g54510	auxin-responsive GH3 protein, putative (DFL-1)
130	266532_at	0.44	4.98	At2g16890	UDP-glucuronosyl/UDP-glucosyl transferase family protein
131	263497_at	0.44	4.99	At2g42540	cold-responsive protein / cold-regulated protein (cor15a)
132	253247_at	0.44	5.04	At4g34610	homeodomain-containing protein
133	267300_at	0.45	5.09	At2g30140	UDP-glucuronosyl/UDP-glucosyl transferase family protein
134	250182_at	0.45	4.95	At5g14470	GHMP kinase-related
135	257830_at	0.46	4.97	At3g26690	MutT/nudix family protein
136	257315_at	0.46	4.93	At3g30775	proline oxidase, mitochondrial / (POX) (PRO1) (ERD5)
137	254020_at	0.48	4.88	At4g25700	beta-carotene hydroxylase
138	262935_at	0.49	5.01	At1g79410	transporter-related
139	265634_at	0.51	4.76	At2g25530	AFG1-like ATPase family protein
140	247193_at	0.52	4.9	At5g65380	ripening-responsive protein, putative
141	264436_at	0.56	4.65	At1g10370	glutathione S-transferase, putative (ERD9)
142	262705_at	0.56	4.65	At1g16260	protein kinase family protein
143	259417_at	0.56	4.66	At1g02340	long hypocotyl in far-red 1 (HFR1)
144	256451_s_at	0.59	4.61	At1g75170	SEC14 cytosolic factor family protein/phosphoglyceride transfer family protein

145	258140_at	0.6	4.59	At3g24503	aldehyde dehydrogenase (ALDH1a)
146	258188_at	0.6	4.57	At3g17800	expressed protein
147	257253_at	0.6	4.63	At3g24190	ABC1 family protein
148	247266_at	0.61	4.54	At5g64570	glycosyl hydrolase family 3 protein
149	257212_at	0.67	4.55	At3g15090	oxidoreductase, zinc-binding dehydrogenase family protein
150	255298_at	0.68	4.51	At4g04840	methionine sulfoxide reductase domain-containing protein /
151	255787_at	0.68	4.5	At2g33590	cinnamoyl-CoA reductase family
152	246122_at	0.68	4.55	At5g20380	transporter-related
153	247650_at	0.7	4.59	At5g59960	expressed protein
154	263473_at	0.7	4.69	At2g31750	UDP-glucuronosyl/UDP-glucosyl transferase family protein
155	247954_at	0.7	4.47	At5g56870	beta-galactosidase, putative / lactase, putative
156	255543_at	0.7	4.55	At4g01870	tolB protein-related
157	250580_at	0.71	4.45	At5g07440	glutamate dehydrogenase 2 (GDH2)
158	245885_at	0.74	4.44	At5g09440	phosphate-responsive protein, putative
159	253890_s_at	0.73	4.4	At5g54100	band 7 family protein /// band 7 family protein
160	261240_at	0.73	4.41	At1g32940	subtilase family protein
161	260955_at	0.76	4.33	At1g06000	UDP-glucuronosyl/UDP-glucosyl transferase family protein
162	258162_at	0.76	4.31	At3g17810	dihydroorotate dehydrogenase / dihydroorotate oxidase family protein
163	267008_at	0.76	4.34	At2g39350	ABC transporter family protein
164	253252_at	0.75	4.47	At4g34740	amidophosphoribosyltransferase
165	263157_at	0.75	4.31	At1g54100	aldehyde dehydrogenase, putative / antiquitin, putative
166	262634_at	0.8	4.38	At1g06690	aldo/keto reductase family protein
167	253125_at	0.83	4.28	At4g36040	DNAJ heat shock N-terminal domain-containing protein (J11)
168	252415_at	0.87	4.42	At3g47340	asparagine synthetase 1 (glutamine-hydrolyzing) (ASN1)
169	250007_at	0.87	4.4	At5g18670	beta-amylase, putative (BMY3) / 1,4-alpha-D-glucan maltohydrolase, putative
170	253861_at	0.92	4.23	At4g27680	MSP1 protein, putative / intramitochondrial sorting protein, putative
171	258091_at	0.96	4.21	At3g14560	expressed protein
172	264553_s_at	0.96	4.14	At1g09480	cinnamyl-alcohol dehydrogenase family / CAD family
173	249233_at	0.95	4.17	At5g42150	expressed protein

174	257746_at	0.97	4.17	At3g29200	chorismate mutase, chloroplast (CM1)
175	251436_at	0.98	4.29	At3g59900	expressed protein
176	249467_at	0.97	4.28	At5g39610	no apical meristem (NAM) family protein
177	250287_at	1.01	4.07	At5g13330	AP2 domain-containing transcription factor family protein
178	261700_at	1.02	4.12	At1g32690	expressed protein
179	260336_at	1.01	4.12	At1g73990	peptidase U7 family protein
180	262259_s_at	1.01	4.04	At1g53870	expressed protein /// expressed protein
181	248606_at	1.02	4.11	At5g49450	bZIP family transcription factor
182	260327_at	1.03	4.05	At1g63840	zinc finger (C3HC4-type RING finger) family protein
183	262536_at	1.03	4.05	At1g17100	SOUL heme-binding family protein
184	261266_at	1.03	4.07	At1g26770	expansin, putative (EXP10)
185	247793_at	1.03	4.09	At5g58650	expressed protein
186	261958_at	1.04	4.19	At1g64500	glutaredoxin family protein
187	255304_at	1.04	4.04	At4g04850	K+ efflux antiporter, putative (KEA3)
188	256033_at	1.04	4.06	At1g07250	UDP-glucuronosyl/UDP-glucosyl transferase family protein
189	246069_at	1.04	4.03	At5g20220	zinc knuckle (CCHC-type) family protein
190	245349_at	1.05	4.06	At4g16690	esterase/lipase/thioesterase family protein
191	255694_at	1.04	4.13	At4g00050	basic helix-loop-helix (bHLH) family protein
192	262590_at	1.04	4.01	At1g15100	zinc finger (C3HC4-type RING finger) family protein
193	262945_at	1.05	4	At1g79510	expressed protein
194	261651_at	1.05	3.99	At1g27760	interferon-related developmental regulator family protein/IFRD protein family
195	267477_at	1.05	4.03	At2g02710	PAC motif-containing protein
196	251895_at	1.04	3.95	At3g54420	class IV chitinase (CHIV)
197	251827_at	1.05	4.02	At3g55120	chalcone-flavanone isomerase / chalcone isomerase (CHI)
198	253559_at	1.05	4.01	At4g31140	glycosyl hydrolase family 17 protein
199	260986_at	1.05	3.93	At1g53580	hydroxyacylglutathione hydrolase, putative / glyoxalase II, putative
200	252365_at	1.06	3.94	At3g48350	cysteine proteinase, putative
201	255468_at	1.05	3.95	At4g03020	transducin family protein / WD-40 repeat family protein
202	260664_at	1.07	4.08	At1g19510	myb family transcription factor

203	265216_at	1.06	3.86	At1g05100	protein kinase family protein
204	246954_at	1.08	3.93	At5g04830	expressed protein
205	257666_at	1.08	3.97	At3g20270	lipid-binding serum glycoprotein family protein
206	258602_at	1.08	3.92	At3g02750	protein phosphatase 2C family protein / PP2C family protein
207	248064_at	1.08	3.94	At5g55570	expressed protein
208	264779_at	1.08	3.92	At1g08570	thioredoxin family protein
209	267425_at	1.08	3.86	At2g34810	FAD-binding domain-containing protein
210	265359_at	1.08	3.9	At2g16720	myb family transcription factor
211	253394_at	1.08	3.92	At4g32770	tocopherol cyclase, chloroplast /(VTE1) / (SXD1)
212	264264_at	1.13	3.83	At1g09250	expressed protein
213	247820_at	1.12	3.87	At5g58380	CBL-interacting protein kinase 10 (CIPK10)
214	252363_at	1.13	3.92	At3g48460	GDSL-motif lipase/hydrolase family protein
215	264906_at	1.13	3.85	At2g17270	mitochondrial substrate carrier family protein
216	262419_at	1.16	3.85	At1g50380	prolyl oligopeptidase family protein
217	256379_at	1.15	3.88	At1g66840	expressed protein
218	260556_at	1.17	3.79	At2g43620	chitinase, putative
219	253373_at	1.17	3.75	At4g33150	lysine-ketoglutarate reductase/saccharopine dehydrogenase bifunctional enz
220	251443_at	1.18	3.83	At3g59940	kelch repeat-containing F-box family protein
221	253688_at	1.18	3.81	At4g29590	expressed protein
222	262883_at	1.17	3.94	At1g64780	ammonium transporter 1, member 2 (AMT1.2)
223	263495_at	1.18	3.74	At2g42530	cold-responsive protein / cold-regulated protein (cor15b)
224	263875_at	1.18	3.77	At2g21970	stress enhanced protein 2 (SEP2)
225	262977_at	1.2	3.76	At1g75490	DRE-binding transcription factor, putative
226	266415_at	1.21	3.69	At2g38530	nonspecific lipid transfer protein 2 (LTP2)
227	247029_at	1.23	3.74	At5g67190	AP2 domain-containing transcription factor, putative
228	260603_at	1.23	3.77	At1g55960	expressed protein
229	246272_at	1.24	3.75	At4g37150	esterase, putative
230	251309_at	1.24	3.77	At3g61220	short-chain dehydrogenase/reductase (SDR) family protein
231	266958_at	1.24	3.71	At2g34630	geranyl diphosphate synthase, putative / GPPS, putative

232	253814_at	1.24	3.75	At4g28290	expressed protein
233	263118_at	1.24	3.71	At1g03090	methylcrotonyl-CoA carboxylase alpha chain, mitochondrial (MCCA)
234	245794_at	1.26	3.67	At1g32170	xyloglucan:xyloglucosyl transferase, putative / endotransglycosylase (XTR4)
235	245895_at	1.25	3.69	At5g09230	transcriptional regulator Sir2 family protein
236	261407_at	1.24	3.89	At1g18810	phytochrome kinase substrate-related
237	258452_at	1.24	3.76	At3g22370	alternative oxidase 1a, mitochondrial (AOX1A)
238	263845_at	1.26	3.71	At2g37040	phenylalanine ammonia-lyase 1 (PAL1)
239	264400_at	1.26	3.64	At1g61800	glucose-6-phosphate/phosphate translocator, putative
240	257908_at	1.26	3.7	At3g25410	bile acid:sodium symporter family protein
241	259964_at	1.27	3.69	At1g53680	glutathione S-transferase, putative
242	246158_at	1.28	3.68	At5g19855	expressed protein
243	254318_at	1.28	3.67	At4g22530	embryo-abundant protein-related
244	263556_at	1.27	3.67	At2g16350	F-box family protein
245	257252_at	1.28	3.72	At3g24170	glutathione reductase, putative
246	261064_at	1.29	3.62	At1g07510	FtsH protease, putative
247	264514_at	1.29	3.63	At1g09500	cinnamyl-alcohol dehydrogenase family / CAD family
248	258401_at	1.29	3.66	At3g15430	regulator of chromosome condensation (RCC1) family protein
249	260527_at	1.3	3.63	At2g47270	expressed protein
250	250794_at	1.31	3.6	At5g05270	chalcone-flavanone isomerase family protein
251	251110_at	1.3	3.63	At5g01260	glycoside hydrolase starch-binding domain-containing protein
252	246935_at	1.3	3.75	At5g25350	F-box family protein
253	259076_at	1.31	3.57	At3g02140	expressed protein
254	254447_at	1.3	3.64	At4g20860	FAD-binding domain-containing protein
255	245353_at	1.3	3.65	At4g16000	expressed protein
256	256965_at	1.29	3.59	At3g13450	2-oxoisovalerate dehydrogenase / 3-methyl-2-oxobutanoate dehydrogenase
257	258026_at	1.33	3.61	At3g19290	ABA-responsive element-binding protein 2 (AREB2)
258	245987_at	1.32	3.61	At5g13180	no apical meristem (NAM) family protein
259	262678_at	1.32	3.62	At1g75810	expressed protein
260	249148_at	1.32	3.6	At5g43260	chaperone protein dnaJ-related

261	248537_at	1.32	3.54	At5g50100	expressed protein
262	264463_at	1.35	3.59	At1g10150	expressed protein
263	249677_at	1.36	3.6	At5g35970	DNA-binding protein, putative
264	258181_at	1.37	3.58	At3g21670	nitrate transporter (NTP3)
265	259228_at	1.36	3.55	At3g07720	kelch repeat-containing protein
266	261247_at	1.37	3.55	At1g20070	expressed protein
267	246199_at	1.37	3.51	At4g36530	hydrolase, alpha/beta fold family protein
268	257954_at	1.37	3.55	At3g21760	UDP-glucuronosyl/UDP-glucosyl transferase family protein
269	262607_at	1.36	3.49	At1g13990	expressed protein
270	262396_at	1.37	3.56	At1g49470	expressed protein
271	251084_at	1.38	3.46	At5g01520	zinc finger (C3HC4-type RING finger) family protein
272	252965_at	1.38	3.51	At4g38860	auxin-responsive protein, putative
273	265665_at	1.44	3.5	At2g27420	cysteine proteinase, putative
274	248434_at	1.47	3.54	At5g51440	23.5 kDa mitochondrial small heat shock protein (HSP23.5-M)
275	260661_at	1.47	3.48	At1g19500	hypothetical protein
276	260436_at	1.52	3.46	At1g68140	expressed protein
277	267181_at	1.52	3.51	At2g37760	aldo/keto reductase family protein
278	256589_at	1.54	3.72	At3g28740	cytochrome P450 family protein
279	267168_at	1.55	3.44	At2g37770	aldo/keto reductase family protein
280	248282_at	1.55	3.4	At5g52900	expressed protein
281	250926_at	1.57	3.48	At5g03555	permease, cytosine/purines, uracil, thiamine, allantoin family protein
282	263015_at	1.63	3.37	At1g23430	pyrrolidone-carboxylate peptidase family protein
283	259965_at	1.63	3.39	At1g53670	transcription factor-related
284	246042_at	1.63	3.42	At5g19440	cinnamyl-alcohol dehydrogenase, putative (CAD)
285	253808_at	1.65	3.4	At4g28300	hydroxyproline-rich glycoprotein family protein
286	247980_at	1.66	3.5	At5g56860	zinc finger (GATA type) family protein
287	252250_at	1.72	3.43	At3g49790	expressed protein
288	256598_at	1.73	3.42	At3g30180	cytochrome P450, putative
289	266402_at	1.75	3.37	At2g38780	expressed protein

290	252414_at	1.75	3.57	At3g47420	glycerol-3-phosphate transporter, putative / glycerol 3-phosphate permease
291	249171_at	1.75	3.36	At5g42940	zinc finger (C3HC4-type RING finger) family protein
292	266778_at	1.74	3.34	At2g29090	cytochrome P450 family protein
293	258023_at	1.75	3.52	At3g19450	cinnamyl-alcohol dehydrogenase (CAD)
294	259769_at	1.75	3.39	At1g29400	RNA recognition motif (RRM)-containing protein
295	266572_at	1.79	3.33	At2g23840	HNH endonuclease domain-containing protein
296	246251_at	1.79	3.37	At4g37220	stress-responsive protein, putative
297	267470_at	1.79	3.34	At2g30490	trans-cinnamate 4-monooxygenase/cinnamic acid 4-hydroxylase (C4H) (CA4H)
298	267524_at	1.78	3.42	At2g30600	BTB/POZ domain-containing protein
299	245330_at	1.78	3.29	At4g14930	acid phosphatase survival protein SurE, putative
300	247819_at	1.78	3.3	At5g58350	protein kinase family protein
301	263956_at	1.83	3.3	At2g35940	homeodomain-containing protein
302	248440_at	1.83	3.29	At5g51260	acid phosphatase, putative
303	259379_at	1.82	3.31	At3g16350	myb family transcription factor
304	261934_at	1.85	3.27	At1g22400	UDP-glucuronosyl/UDP-glucosyl transferase family protein
305	263653_at	1.91	3.3	At1g04310	ethylene receptor-related
306	253401_at	1.91	3.25	At4g32870	expressed protein
307	266514_at	2.01	3.21	At2g47890	zinc finger (B-box type) family protein
308	256725_at	2.01	3.22	At2g34070	expressed protein
309	256934_at	2.04	3.3	At3g22530	expressed protein
310	246947_at	2.04	3.3	At5g25120	cytochrome P450 family protein
311	252300_at	2.04	3.25	At3g49160	pyruvate kinase family protein
312	263117_at	2.04	3.29	At1g03040	basic helix-loop-helix (bHLH) family protein
313	249244_at	2.06	3.26	At5g42270	FtsH protease, putative
314	264207_at	2.06	3.28	At1g22750	expressed protein
315	253062_at	2.06	3.27	At4g37590	phototropic-responsive NPH3 family protein
316	266257_at	2.08	3.29	At2g27820	prephenate dehydratase family protein
317	251605_at	2.08	3.21	At3g57830	leucine-rich repeat transmembrane protein kinase, putative
318	266617_at	2.08	3.24	At2g29670	expressed protein

319	266270_at	2.08	3.19	At2g29470	glutathione S-transferase, putative
320	265111_at	2.1	3.69	At1g62510	protease inhibitor/seed storage/lipid transfer protein (LTP) family protein
321	246411_at	2.1	3.2	At1g57770	amine oxidase family
322	246396_at	2.1	3.21	At1g58180	carbonic anhydrase family protein / carbonate dehydratase family protein
323	267347_at	2.12	3.22	At2g39950	expressed protein
324	257791_at	2.11	3.16	At3g27110	peptidase M48 family protein
325	264752_at	2.12	3.17	At1g23010	multi-copper oxidase type I family protein
326	264977_at	2.15	3.19	At1g27090	glycine-rich protein
327	253251_at	2.15	3.23	At4g34730	ribosome-binding factor A family protein
328	267364_at	2.15	3.18	At2g40080	expressed protein
329	262844_at	2.15	3.2	At1g14890	invertase/pectin methylesterase inhibitor family protein
330	267319_at	2.15	3.28	At2g34660	glutathione S-conjugate ABC transporter (MRP2)
331	261139_at	2.16	3.18	At1g19700	homeobox-leucine zipper family protein
332	264901_at	2.17	3.18	At1g23090	sulfate transporter, putative
333	265633_at	2.16	3.26	At2g25490	F-box family protein (FBL6)
334	264692_at	2.19	3.18	At1g70000	DNA-binding family protein
335	262473_at	2.2	3.17	At1g50250	cell division protein ftsH homolog 1, chloroplast (FTSH1) (FTSH)
336	248759_at	2.25	3.34	At5g47610	zinc finger (C3HC4-type RING finger) family protein
337	263402_at	2.27	3.16	At2g04050	MATE efflux family protein
338	247924_at	2.27	3.12	At5g57655	xylose isomerase family protein
339	248381_at	2.33	3.14	At5g51830	pfkB-type carbohydrate kinase family protein
340	247287_at	2.34	3.09	At5g64230	expressed protein
341	256577_at	2.36	3.19	At3g28220	meprin and TRAF homology(MATH) domain-containing protein
342	261319_at	2.36	3.14	At1g53090	WD-40 repeat family protein / phytochrome A-related
343	262116_at	2.35	3.07	At1g02816	expressed protein
344	265886_at	2.35	3.12	At2g25620	protein phosphatase 2C, putative / PP2C, putative
345	266720_s_at	2.35	3.07	At2g46790	pseudo-response regulator, putative / timing of CAB expression 1-like protein
346	260287_at	2.36	3.21	At1g80440	kelch repeat-containing F-box family protein
347	267230_at	2.35	3.4	At2g44080	expressed protein

348	267337_at	2.36	3.07	At2g39980	transferase family protein
349	264397_at	2.37	3.14	At1g11820	glycosyl hydrolase family 17 protein
350	260914_at	2.36	3.09	At1g02640	glycosyl hydrolase family 3 protein
351	248335_at	2.36	3.25	At5g52450	MATE efflux protein-related
352	260875_at	2.4	3.09	At1g21410	F-box family protein
353	254818_at	2.4	3.86	At4g12470	protease inhibitor/seed storage/lipid transfer protein (LTP) family protein
354	250987_at	2.39	3.12	At5g02860	pentatricopeptide (PPR) repeat-containing protein
355	249736_at	2.44	3.06	At5g24460	expressed protein
356	254691_at	2.44	3.06	At4g17840	expressed protein
357	252303_at	2.46	3.01	At3g49210	expressed protein
358	255793_at	2.47	3.08	At2g33250	expressed protein
359	252991_at	2.48	3.04	At4g38470	protein kinase family protein
360	256894_at	2.48	3.1	At3g21870	cyclin family protein
361	266963_at	2.52	3.01	At2g39450	cation efflux family protein
362	256751_at	2.54	3.02	At3g27170	chloride channel protein (CLC-b)
363	257690_at	2.54	3.08	At3g12830	auxin-responsive family protein
364	253209_at	2.53	3.12	At4g34830	pentatricopeptide (PPR) repeat-containing protein
365	248336_at	2.54	3.12	At5g52420	expressed protein
366	258472_at	2.58	3.09	At3g06080	expressed protein
367	249140_at	2.58	3.04	At5g43190	F-box family protein (FBX6)
368	247882_at	2.59	3.1	At5g57785	expressed protein
369	260956_at	2.59	3	At1g06040	zinc finger (B-box type) family protein / salt-tolerance protein (STO)
370	245528_at	2.6	3	At4g15530	pyruvate phosphate dikinase family protein
371	252073_at	2.62	2.98	At3g51750	expressed protein
372	253096_at	2.62	3.05	At4g37330	cytochrome P450 family protein
373	246126_at	2.63	3.01	At5g20070	MutT/nudix family protein
374	247898_at	2.64	3.01	At5g57360	F-box family protein / LOV kelch protein 1 (LKP1)
375	257058_at	2.64	2.95	At3g15352	cytochrome c oxidase copper chaperone-related
376	258227_at	2.64	2.99	At3g15620	6-4 photolyase (UVR3)

377	263064_at	2.68	3.03	At2g18160	bZIP transcription factor family protein
378	265742_at	2.69	3.06	At2g01290	expressed protein
379	260367_at	2.68	2.97	At1g69760	expressed protein
380	263320_at	2.72	2.94	At2g47180	galactinol synthase, putative
381	257951_at	2.75	2.99	At3g21700	expressed protein
382	252958_at	2.88	2.97	At4g38620	myb family transcription factor (MYB4)
383	258315_at	2.91	2.93	At3g16175	thioesterase family protein
384	258880_at	2.92	2.9	At3g06420	autophagy 8h (APG8h)
385	248551_at	2.94	2.94	At5g50200	expressed protein
386	259475_at	2.95	2.92	At1g19140	expressed protein
387	263403_at	2.98	2.96	At2g04040	MATE efflux family protein
388	258323_at	2.98	2.94	At3g22750	protein kinase, putative
389	262263_at	2.97	2.98	At1g70940	auxin transport protein, putative (PIN3)
390	250049_at	2.97	2.9	At5g17780	hydrolase, alpha/beta fold family protein
391	258177_at	2.97	2.89	At3g21660	UBX domain-containing protein
392	259922_at	2.99	2.94	At1g72770	protein phosphatase 2C P2C-HA / PP2C P2C-HA (P2C-HA)
393	261822_at	2.99	2.99	At1g11380	expressed protein
394	250385_at	2.98	2.91	At5g11520	aspartate aminotransferase, chloroplast / transaminase A (ASP3) (YLS4)
395	264261_at	2.98	3	At1g09240	nicotianamine synthase, putative
396	253279_at	2.97	2.91	At4g34030	methylcrotonyl-CoA carboxylase beta chain, mitochondrial (MCCB)
397	264923_s_at	2.99	2.91	At1g60740	peroxiredoxin type 2, putative /// peroxiredoxin type 2, putative
398	251144_at	2.99	2.91	At5g01210	transferase family protein
399	261467_at	3	2.9	At1g28520	expressed protein
400	249831_at	3	2.91	At5g23340	expressed protein
401	246968_at	3.03	2.89	At5g24870	zinc finger (C3HC4-type RING finger) family protein
402	256022_at	3.02	2.9	At1g58360	amino acid permease I (AAP1)
403	258299_at	3.02	2.92	At3g23410	alcohol oxidase-related
404	248040_at	3.02	2.91	At5g55970	zinc finger (C3HC4-type RING finger) family protein
405	250350_at	3.01	2.86	At5g12010	expressed protein

406	247474_at	3.01	3.06	At5g62280	expressed protein
407	256061_at	3.01	2.9	At1g07040	expressed protein
408	247323_at	3	2.87	At5g64170	dentin sialophosphoprotein-related
409	248204_at	3	2.87	At5g54280	myosin heavy chain, putative
410	251066_at	2.99	2.9	At5g01880	zinc finger (C3HC4-type RING finger) family protein
411	263598_at	3	2.95	At2g01850	xyloglucan:xyloglucosyl transferase / xyloglucan endotransglycosylase EXGT-A3
412	251039_at	3	2.84	At5g02020	expressed protein
413	263779_at	3.04	2.91	At2g46340	phytochrome A supressor spa1 (SPA1)
414	254740_s_at	3.08	2.92	At4g13890	glycine hydroxymethyltransferase, putative / serine hydroxymethyltransferase
415	247554_at	3.08	2.91	At5g61010	exocyst subunit EXO70 family protein
416	260421_at	3.08	2.86	At1g69640	acid phosphatase, putative
417	267178_at	3.09	2.85	At2g37750	expressed protein
418	246744_at	3.21	2.82	At5g27760	hypoxia-responsive family protein
419	254890_at	3.21	2.81	At4g11600	glutathione peroxidase, putative
420	265070_at	3.22	2.82	At1g55510	2-oxoisovalerate dehydrogenase / 3-methyl-2-oxobutanoate dehydrogenase
421	257081_at	3.22	2.81	At3g30460	zinc finger (C3HC4-type RING finger) family protein
422	263252_at	3.22	2.89	At2g31380	zinc finger (B-box type) family protein / salt tolerance-like protein (STH)
423	266322_at	3.21	2.87	At2g46690	auxin-responsive family protein
424	255011_at	3.21	2.8	At4g10040	cytochrome c, putative
425	250054_at	3.23	2.83	At5g17860	cation exchanger, putative (CAX7)
426	266719_at	3.22	2.89	At2g46830	myb-related transcription factor (CCA1)
427	247979_at	3.23	2.83	At5g56750	Ndr family protein
428	261717_at	3.26	2.78	At1g18400	basic helix-loop-helix (bHLH) family protein
429	253046_at	3.26	3.25	At4g37370	cytochrome P450, putative
430	248564_at	3.28	2.8	At5g49700	DNA-binding protein-related
431	246017_at	3.29	2.84	At5g10730	expressed protein
432	245060_at	3.34	2.79	At2g39770	GDP-mannose pyrophosphorylase (GMP1)
433	251670_at	3.35	2.76	At3g57190	peptide chain release factor, putative
434	253971_at	3.38	2.86	At4g26530	fructose-bisphosphate aldolase, putative

435	263482_at	3.38	2.78	At2g03980	GDSL-motif lipase/hydrolase family protein
436	263827_at	3.38	2.79	At2g40420	amino acid transporter family protein
437	263898_at	3.38	2.78	At2g21950	SKP1 interacting partner 6 (SKIP6)
438	252669_at	3.39	2.75	At3g44100	MD-2-related lipid recognition domain-containing protein
439	256787_at	3.4	2.81	At3g13790	beta-fructosidase (BFRUCT1) / beta-fructofuranosidase / cell wall invertase
440	264442_at	3.43	2.77	At1g27480	lecithin:cholesterol acyltransferase family protein / LACT family protein
441	256057_at	3.44	2.92	At1g07180	pyridine nucleotide-disulphide oxidoreductase family protein
442	252315_at	3.44	2.78	At3g48690	expressed protein
443	267082_at	3.44	2.81	At2g41140	calcium-dependent protein kinase, putative / CDPK, putative
444	248550_at	3.43	2.78	At5g50210	quinolinate synthetase A-related
445	251503_at	3.52	2.79	At3g59140	ABC transporter family protein
446	247955_at	3.54	2.76	At5g56950	nucleosome assembly protein (NAP), putative
447	259841_at	3.54	2.74	At1g52200	expressed protein
448	245797_at	3.55	2.75	At1g45261	defective chloroplasts and leaves protein-related / DCL protein-related
449	260601_at	3.56	2.77	At1g55910	metal transporter, putative (ZIP11)
450	250079_at	3.57	2.72	At5g16650	DNAJ heat shock N-terminal domain-containing protein
451	261353_at	3.58	2.76	At1g79600	ABC1 family protein
452	266842_at	3.57	2.78	At2g26140	FtsH protease, putative
453	263811_at	3.61	2.73	At2g04350	long-chain-fatty-acid--CoA ligase family protein (LACS8)
454	255578_at	3.6	2.74	At4g01450	nodulin MtN21 family protein
455	248910_at	3.59	2.86	At5g45820	CBL-interacting protein kinase 20 (CIPK20)
456	258049_at	3.59	2.73	At3g16220	expressed protein
457	248205_at	3.59	2.69	At5g54300	expressed protein
458	253922_at	3.63	2.83	At4g26850	expressed protein
459	253022_at	3.63	2.7	At4g38060	expressed protein
460	248756_at	3.67	2.7	At5g47560	sodium/dicarboxylate cotransporter, putative
461	250099_at	3.7	3.15	At5g17300	myb family transcription factor
462	257035_at	3.7	2.72	At3g19270	cytochrome P450 family protein
463	267549_at	3.74	2.78	At2g32640	expressed protein

464	256997_at	3.74	2.69	At3g14067	subtilase family protein
465	266518_at	3.74	2.74	At2g35170	MORN (Membrane Occupation and Recognition Nexus) repeat-containing prot
466	267070_at	3.73	2.68	At2g41000	DNAJ heat shock N-terminal domain-containing protein
467	252915_at	3.73	2.71	At4g38810	calcium-binding EF hand family protein
468	258060_at	3.72	2.77	At3g26030	serine/threonine protein phosphatase 2A (PP2A) regulatory subunit B'
469	250935_at	3.72	2.73	At5g03240	polyubiquitin (UBQ3)
470	249645_at	3.73	2.69	At5g36910	thionin (THI2.2)
471	253300_at	3.73	2.77	At4g33580	carbonic anhydrase family protein / carbonate dehydratase family protein
472	248311_at	3.74	2.75	At5g52570	beta-carotene hydroxylase, putative
473	265265_at	3.73	2.67	At2g42900	expressed protein
474	248193_at	3.77	2.68	At5g54080	homogentisate 1,2-dioxygenase /homogentisate oxygenase (HGO)
475	253059_s_at	3.79	2.71	At4g38320	expressed protein /// expressed protein
476	247433_at	3.84	2.66	At5g62540	ubiquitin-conjugating enzyme 3 (UBC3)
477	248596_at	3.89	2.63	At5g49330	myb family transcription factor
478	249337_at	3.89	2.68	At5g41080	glycerophosphoryl diester phosphodiesterase family protein
479	251869_at	3.9	2.69	At3g54500	expressed protein
480	254496_at	3.9	2.71	At4g20070	peptidase M20/M25/M40 family protein
481	259461_at	3.9	2.65	At1g18900	pentatricopeptide (PPR) repeat-containing protein
482	261823_at	3.9	2.64	At1g11400	expressed protein
483	247164_at	3.91	2.72	At5g65720	cysteine desulfurase, mitochondrial (NIFS)
484	253161_at	3.91	2.66	At4g35770	senescence-associated protein (SEN1)
485	255860_at	3.91	2.67	At5g34940	glycosyl hydrolase family 79 N-terminal domain-containing protein
486	252016_at	3.91	2.65	At3g52950	CBS domain-containing protein/octicosapeptide/Phox/Bemp1 (PB1)
487	267511_at	3.93	2.69	At2g45670	calcineurin B subunit-related
488	248065_at	3.94	2.72	At5g55580	mitochondrial transcription termination factor family protein / mTERF protein
489	258910_at	3.94	2.65	At3g06480	DEAD box RNA helicase, putative
490	255403_at	3.94	2.63	At4g03400	auxin-responsive GH3 family protein
491	262600_at	3.95	2.63	At1g15340	methyl-CpG-binding domain-containing protein
492	247013_at	4.01	2.62	At5g67480	TAZ zinc finger family protein / BTB/POZ domain-containing protein

493	265078_at	4.02	2.66	At1g55500	expressed protein
494	260968_at	4.05	2.63	At1g12250	thylakoid luminal protein-related
495	264186_at	4.06	2.62	At1g54570	esterase/lipase/thioesterase family protein
496	253052_at	4.06	2.67	At4g37310	cytochrome P450, putative
497	246597_at	4.1	2.81	At5g14760	L-aspartate oxidase family protein
498	256674_at	4.13	2.74	At3g52360	expressed protein
499	258107_at	4.12	2.64	At3g23560	MATE efflux family protein
500	261767_s_at	4.12	2.67	At1g15500	chloroplast ADP, ATP carrier protein, putative / ADP, ATP translocase, putative
501	251438_s_at	4.16	2.6	At3g59930	expressed protein /// expressed protein
502	264460_at	4.17	2.6	At1g10170	NF-X1 type zinc finger family protein
503	262882_at	4.17	2.66	At1g64900	cytochrome P450, putative
504	266204_at	4.26	2.6	At2g02410	expressed protein
505	252607_at	4.25	2.68	At3g44990	xyloglucan:xyloglucosyl transferase, putative/xyloglucan endotransglycosylase
506	266407_at	4.25	2.62	At2g38560	transcription factor S-II (TFIIS) domain-containing protein
507	252411_at	4.28	2.64	At3g47430	peroxisomal biogenesis factor 11 family protein / PEX11 family protein
508	254874_at	4.29	2.57	At4g11570	haloacid dehalogenase-like hydrolase family protein
509	254145_at	4.31	2.69	At4g24700	expressed protein
510	266065_at	4.31	2.58	At2g18790	phytochrome B (PHYB)
511	253562_at	4.3	2.6	At4g31130	expressed protein
512	258742_at	4.3	2.54	At3g05800	expressed protein
513	262933_at	4.33	2.56	At1g65840	amine oxidase family protein
514	248686_at	4.34	2.55	At5g48540	33 kDa secretory protein-related
515	264663_at	4.34	2.57	At1g09970	leucine-rich repeat transmembrane protein kinase, putative
516	251719_at	4.34	2.6	At3g56140	expressed protein
517	246540_at	4.38	2.54	At5g15600	expressed protein
518	251725_at	4.38	2.54	At3g56260	expressed protein
519	267640_at	4.39	2.61	At2g32950	COP1 regulatory protein
520	248557_at	4.39	2.68	At5g49980	transport inhibitor response protein, putative
521	253220_s_at	4.4	2.53	At4g34920	1-phosphatidylinositol phosphodiesterase-related

522	254323_at	4.4	2.54	At4g22620	auxin-responsive family protein
523	247166_at	4.44	2.58	At5g65840	expressed protein
524	257147_at	4.49	2.56	At3g27270	expressed protein
525	266984_at	4.49	2.54	At2g39570	ACT domain-containing protein
526	264561_at	4.5	2.57	At1g55810	uracil phosphoribosyltransferase, putative/UMP pyrophosphorylase / UPRTase
527	251858_at	4.5	2.55	At3g54820	aquaporin, putative
528	262503_at	4.5	2.56	At1g21670	expressed protein
529	260969_at	4.5	2.53	At1g12240	beta-fructosidase (BFRUCT4) / beta-fructofuranosidase / invertase, vacuolar
530	245326_at	4.51	2.57	At4g14100	expressed protein
531	266718_at	4.65	2.51	At2g46800	zinc transporter (ZAT)
532	259373_at	4.64	2.64	At1g69160	expressed protein
533	262432_at	4.66	2.58	At1g47530	ripening-responsive protein, putative
534	265499_at	4.66	2.57	At2g15480	UDP-glucuronosyl/UDP-glucosyl transferase family protein
535	251946_at	4.74	2.61	At3g53540	expressed protein
536	255829_at	4.76	2.54	At2g40540	potassium transporter, putative (KT2)
537	247488_at	4.75	2.55	At5g61820	expressed protein
538	251109_at	4.75	2.54	At5g01600	ferritin 1 (FER1)
539	263777_at	4.75	2.62	At2g46450	cyclic nucleotide-regulated ion channel, putative (CNGC12)
540	248622_at	4.75	2.53	At5g49360	glycosyl hydrolase family 3 protein
541	253088_at	4.74	2.6	At4g36220	cytochrome P450 84A1 (CYP84A1) / ferulate-5-hydroxylase (FAH1)
542	264529_at	4.76	2.48	At1g30820	CTP synthase, putative / UTP--ammonia ligase, putative
543	251263_at	4.79	2.49	At3g62190	DNAJ heat shock N-terminal domain-containing protein
544	257840_at	4.85	2.52	At3g25250	protein kinase family protein
545	247760_at	4.88	2.5	At5g59130	subtilase family protein
546	255842_at	4.93	2.51	At2g33530	serine carboxypeptidase S10 family protein
547	263593_at	4.97	2.49	At2g01860	pentatricopeptide (PPR) repeat-containing protein
548	253517_at	4.96	2.53	At4g31390	ABC1 family protein
549	256542_at	4.97	2.56	At1g42550	expressed protein

Table S1 Genes expressed in response to 0.3 $\mu\text{mol m}^{-2} \text{s}^{-1}$ 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.