

Table 6. Quartz_1hr_decrease

	Probe set	Fold induction				Fold induction				Identifier	
		Expression level (327, 1h)	305, 1h	295, 1h	quartz, 1h	Expression level (327, 1h)	305, 6h	295, 6h	quartz, 6h		
1	257460_at	164	0.5	0.2	0.1	91	0.8	1.0	0.2	AT1G75580	auxin-induced (indole-3-acetic acid induced) protein, putative
2	248676_at	595	0.3	0.1	0.1	614	1.2	1.1	0.3	AT5G48850	male sterility MS5 family
3	260081_at	2231	1.0	0.5	0.1	886	0.8	0.6	0.3	AT1G78170	expressed protein
4	261177_at	1308	0.6	0.3	0.1	1339	1.0	1.1	0.7	AT1G04770	male sterility MS5 family
5	255604_at	939	0.5	0.3	0.1	1662	1.1	0.9	0.2	AT4G01080	expressed protein
6	257421_at	184	0.6	0.0	0.1	91	6.9	0.4	0.2	AT1G12030	hypothetical protein
7	246884_at	1613	0.4	0.1	0.1	959	1.0	0.7	0.2	AT5G26220	expressed protein
8	258289_at	51	1.0	1.4	0.1	69	1.1	0.4	0.5	AT3G23450	glycine-rich protein
9	260978_at	736	0.6	0.1	0.2	14	2.6	4.1	20.5	AT1G53540	17.6 kDa heat shock protein (AA 1-156)
10	257858_at	2238	0.5	0.3	0.2	1139	1.0	0.6	0.6	AT3G12920	expressed protein
11	247533_at	160	0.8	0.5	0.2	157	1.1	0.9	0.7	AT5G61570	protein kinase family
12	262307_at	306	0.6	0.3	0.2	34	0.6	17.0	74.9	AT1G71000	DnaJ protein family
13	254550_at	192	0.4	0.3	0.2	1412	0.7	0.1	0.0	AT4G19690	iron-regulated transporter (IRT1)
14	247691_at	93	0.7	0.1	0.2	18	0.6	0.5	4.7	AT5G59720	heat shock protein family
15	260248_at	681	0.8	0.4	0.2	130	0.8	1.7	3.1	AT1G74310	heat shock protein 101 (HSP101)
16	263318_at	144	0.6	0.1	0.2	325	1.0	1.1	0.7	AT2G24762	expressed protein
17	251292_at	195	0.9	0.7	0.2	653	1.0	0.6	0.2	AT3G61920	expressed protein
18	254274_at	147	0.7	0.5	0.2	217	1.1	1.5	1.0	AT4G22770	DNA binding protein -related
19	261684_at	2113	0.7	0.5	0.2	4000	1.2	0.5	0.2	AT1G47400	hypothetical protein
20	249278_at	645	0.9	0.4	0.2	323	1.1	0.8	0.5	AT5G41900	hydrolase, alpha/beta fold family
21	247600_at	758	0.3	0.2	0.2	633	1.0	0.8	0.4	AT5G60890	myb transcription factor homolog (ATR1)
22	266820_at	1082	0.7	0.3	0.2	538	1.0	0.6	0.2	AT2G44940	AP2 domain transcription factor TINY, putative
23	245341_at	310	0.7	0.4	0.2	300	1.0	1.0	0.5	AT4G16447	expressed protein
24	266578_at	364	1.4	0.9	0.2	714	1.3	1.9	1.7	AT2G23910	cinnamoyl-CoA reductase-related
25	257890_s_at	283	0.8	0.3	0.2	246	1.0	0.6	0.5	AT3G42570	peroxidase-related
26	266418_at	1336	0.7	0.4	0.2	1196	1.1	0.7	0.3	AT2G38750	annexin -related
27	250734_at	975	0.7	0.4	0.2	837	1.0	0.5	0.2	AT5G06270	B-type cyclin -related
28	254693_at	423	0.6	0.4	0.2	260	1.3	1.0	0.5	AT4G17880	bHLH protein family
29	245783_s_at	468	0.9	0.5	0.2	463	0.9	0.7	0.5	AT1G35180	expressed protein
30	251299_at	103	0.6	0.3	0.2	145	1.0	0.8	0.3	AT3G61950	bHLH protein family
31	254332_at	285	0.9	0.4	0.2	270	1.1	0.9	0.4	AT4G22730	leucine-rich repeat transmembrane protein kinase, putative

32	255298_at	3997	1.1	0.8	0.2	1950	1.3	0.8	0.4	AT4G04840	expressed protein
33	247478_at	3754	0.9	0.6	0.2	1249	0.9	1.2	0.5	AT5G62360	pectinesterase family
34	253578_at	528	0.9	0.4	0.2	291	1.0	0.8	0.7	AT4G30340	expressed protein
35	248839_at	359	0.5	0.4	0.2	326	1.1	0.7	0.2	AT5G46690	bHLH protein family
36	262811_at	389	0.6	0.4	0.2	443	1.1	1.1	0.4	AT1G11700	expressed protein
37	252958_at	382	1.0	0.7	0.3	301	1.2	1.4	0.7	AT4G38620	transcription factor (MYB4) -related
38	262543_at	254	0.9	0.5	0.3	259	0.8	0.7	0.4	AT1G34245	expressed protein
39	248332_at	2375	0.9	0.5	0.3	475	0.9	3.9	14.1	AT5G52640	heat shock protein 81-1 (HSP81-1/heat shock protein 83/HSP83)
40	251058_at	1006	0.8	0.5	0.3	795	1.0	0.9	0.3	AT5G01790	expressed protein
41	248657_at	2151	0.7	0.3	0.3	158	1.3	3.4	8.5	AT5G48570	peptidylprolyl isomerase
42	264147_at	234	1.1	0.8	0.3	484	1.1	0.8	0.3	AT1G02205	CER1 protein
43	257571_at	460	0.7	0.6	0.3	421	0.8	0.7	0.9	AT3G16870	GATA zinc finger protein
44	251677_at	668	0.7	0.6	0.3	2560	1.3	0.3	0.1	AT3G56980	bHLH protein family
45	261420_at	1619	1.0	0.5	0.3	1035	1.0	0.8	0.7	AT1G07720	beta-ketoacyl-CoA synthase family
46	247914_at	361	0.5	0.4	0.3	372	1.4	0.9	0.1	AT5G57540	xyloglucan endotransglycosylase, putative
47	255825_at	782	0.9	0.5	0.3	784	1.0	0.7	0.3	AT2G40475	expressed protein
48	253736_at	550	0.7	0.4	0.3	1043	0.9	0.5	0.1	AT4G28780	GDSL-motif lipase/hydrolase protein
49	246687_at	329	0.9	0.8	0.3	767	1.0	0.4	0.1	AT5G33370	GDSL-motif lipase/hydrolase protein
50	246986_at	1110	0.7	0.5	0.3	1427	1.0	0.8	0.3	AT5G67280	leucine-rich repeat transmembrane protein kinase, putative
51	246144_at	380	0.6	0.4	0.3	128	1.1	1.3	1.3	AT5G20110	dynein light chain - like protein
52	267639_at	296	0.6	0.6	0.3	198	1.3	1.0	0.4	AT2G42200	squamosa-promoter binding protein -related
53	261266_at	1308	0.7	0.5	0.3	3150	1.0	1.0	0.3	AT1G26770	expansin, putative (EXP10)
54	251811_at	671	1.4	0.9	0.3	557	1.1	1.0	0.7	AT3G54990	AP2 domain transcription factor, putative
55	251521_at	134	0.8	1.0	0.3	148	1.0	0.7	0.3	AT3G59420	protein kinase family
56	246001_at	356	0.8	0.6	0.3	301	1.3	1.3	0.6	AT5G20790	expressed protein
57	257247_at	421	0.7	0.6	0.3	474	1.0	0.8	0.7	AT3G24140	bHLH protein family
58	264567_s_at	2264	0.7	1.0	0.3	2129	1.0	0.6	0.2	AT1G05250	peroxidase, putative
59	246911_at	435	0.7	0.5	0.3	481	1.1	0.8	0.5	AT5G25810	AP2 domain transcription factor TINY
60	255032_at	291	0.8	0.6	0.3	195	0.9	0.7	0.6	AT4G09500	glycosyltransferase family
61	253301_at	636	0.4	0.3	0.3	340	0.4	0.3	0.8	AT4G33720	pathogenesis-related protein, putative
62	247880_at	583	0.8	0.4	0.3	494	1.2	0.6	0.3	AT5G57780	expressed protein
63	267535_at	965	0.9	0.5	0.3	677	0.9	0.8	0.5	AT2G41940	C2H2-type zinc finger protein -related
64	261949_at	1098	1.0	0.5	0.3	630	1.0	0.8	0.5	AT1G64670	hydrolase, alpha/beta fold family
65	261975_at	664	0.9	0.4	0.3	513	0.8	0.6	0.4	AT1G64640	plastocyanin-like domain containing protein
66	248636_at	394	0.6	0.6	0.3	278	1.9	0.7	0.2	AT5G49080	proline-rich protein family
67	245244_at	1335	0.6	0.5	0.3	297	0.9	0.7	1.7	AT1G44350	gr1 protein
68	259735_at	98	0.6	0.3	0.3	199	0.9	0.6	0.4	AT1G64405	expressed protein

69	266356_at	412	0.9	0.6	0.3	304	0.9	1.0	0.5	AT2G32300	uclacyanin I
70	245078_at	442	0.8	0.5	0.3	699	0.9	1.1	0.7	AT2G23340	AP2 domain transcription factor, putative
71	250682_x_at	2374	0.6	0.6	0.3	2253	1.1	0.5	0.1	AT5G06630	proline-rich protein family
72	256352_at	727	0.7	0.6	0.3	543	1.2	0.8	0.2	AT1G54970	proline-rich protein family
73	261838_at	891	0.8	0.5	0.3	318	0.9	1.1	1.4	AT1G16030	heat shock protein hsp70b
74	247147_at	1719	1.0	0.8	0.3	1517	1.0	0.9	1.0	AT5G65630	bromodomain-containing protein
75	245750_at	4848	0.7	0.4	0.3	4214	1.0	0.8	0.5	AT1G51060	histone H2A, putative
76	250296_at	896	0.5	0.1	0.3	21	7.3	11.4	78.0	AT5G12020	class II heat shock protein
77	260058_at	914	1.4	0.7	0.3	865	1.1	0.9	0.6	AT1G78100	F-box protein family
78	256245_at	4032	0.9	0.6	0.3	946	1.0	4.8	9.8	AT3G12580	heat shock protein hsp70
79	252340_at	230	0.9	0.8	0.3	277	1.1	0.4	0.7	AT3G48920	myb family transcription factor
80	250189_at	494	0.9	0.5	0.3	337	1.1	0.9	0.5	AT5G14410	expressed protein
81	251060_at	594	0.6	0.5	0.3	367	1.0	0.8	0.6	AT5G01820	CBL-interacting protein kinase 14
82	256598_at	808	1.3	0.6	0.3	525	1.0	1.6	2.8	AT3G30180	cytochrome p450, putative
83	255690_at	3113	0.9	0.5	0.3	2831	0.9	0.9	0.8	AT4G00360	cytochrome p450, putative
84	255662_at	368	1.0	0.5	0.3	340	1.1	0.6	0.2	AT4G00410	expressed protein
85	249383_at	380	0.7	0.4	0.3	130	1.1	0.4	0.4	AT5G39860	bHLH protein
86	254914_at	965	0.9	0.7	0.3	1454	1.1	1.1	1.1	AT4G11290	peroxidase, putative
87	267516_at	1318	1.5	0.9	0.3	429	1.2	1.8	2.0	AT2G30520	expressed protein
88	251025_at	333	0.6	0.5	0.3	169	1.1	0.7	0.4	AT5G02190	expressed protein
89	246519_at	1856	0.9	0.6	0.3	1107	0.9	0.5	0.2	AT5G15780	proline-rich protein
90	246516_at	730	0.7	0.5	0.3	828	1.0	1.0	0.6	AT5G15740	expressed protein
91	259531_at	276	0.9	0.5	0.3	171	1.2	1.2	0.6	AT1G12460	leucine-rich repeat transmembrane protein kinase, putative
92	245612_at	2807	0.8	0.5	0.3	2519	0.9	0.8	0.6	AT4G14440	enoyl-CoA hydratase/isomerase family
93	259786_at	2713	0.8	0.6	0.3	3381	0.9	0.7	0.3	AT1G29660	GDSL-motif lipase/hydrolase protein
94	262598_at	1022	0.7	0.5	0.3	1611	1.1	0.7	0.2	AT1G15260	expressed protein
95	264347_at	302	0.8	0.7	0.3	234	1.2	0.6	0.3	AT1G12040	leucine-rich repeat extensin family
96	246097_at	1524	0.9	0.7	0.3	1229	1.0	0.6	0.5	AT5G20270	expressed protein
97	265029_at	488	0.8	0.5	0.3	620	0.8	0.7	0.5	AT1G24625	zinc finger protein 7, ZFP7
98	261570_at	4531	1.0	0.7	0.3	1973	1.0	0.8	0.7	AT1G01120	fatty acid elongase 3-ketoacyl-CoA synthase 1 (KCS1)
99	252272_at	1935	0.8	0.5	0.3	1059	0.9	0.6	0.4	AT3G49670	leucine-rich repeat transmembrane protein kinase, putative
100	246952_at	174	1.0	0.6	0.3	221	1.0	0.8	0.5	AT5G04820	expressed protein
101	253215_at	2703	0.8	0.6	0.3	5208	0.9	1.0	0.6	AT4G34950	expressed protein
102	247871_at	383	0.6	0.6	0.3	384	1.3	0.6	0.1	AT5G57530	xyloglucan endotransglycosylase, putative
103	264057_at	997	1.0	0.8	0.3	547	1.1	1.2	0.7	AT2G28550	AP2 domain transcription factor RAP2.7
104	251169_at	431	0.6	0.4	0.3	461	1.1	1.1	0.6	AT3G63210	senescence-associated protein SAG102
105	265103_at	134	1.1	0.5	0.3	125	1.2	0.9	0.5	AT1G31070	UDP-N-acetylglucosamine pyrophosphorylase-related protein

106	246844_at	134	1.8	0.9	0.3	196	0.9	0.7	0.5	AT5G26660	myb transcription factor (ATMYB4)
107	257334_at	279	0.5	0.4	0.4	344	1.1	1.1	0.7	ATMG01370	ORF111D
108	249035_at	1236	0.9	0.4	0.4	212	1.2	1.2	1.2	AT5G44190	myb family transcription factor
109	264415_at	180	1.0	0.4	0.4	57	1.3	1.6	0.9	AT1G43160	AP2 domain transcription factor RAP2.6
110	251785_at	1138	0.9	0.6	0.4	810	1.0	0.8	0.5	AT3G55130	ABC transporter family protein
111	252833_at	723	0.6	0.7	0.4	548	1.3	0.6	0.2	AT4G40090	arabinogalactan-protein (AGP3)
112	264014_at	970	0.8	0.6	0.4	1727	1.2	0.9	0.1	AT2G21210	auxin-induced (indole-3-acetic acid induced) protein, putative
113	264091_at	430	0.8	0.5	0.4	433	0.8	1.2	0.9	AT1G79110	expressed protein
114	263552_x_at	2547	0.6	0.6	0.4	2360	1.1	0.5	0.2	AT2G24980	proline-rich protein family
115	266912_at	182	0.4	0.3	0.4	174	1.3	0.9	0.2	AT2G45900	expressed protein
116	246071_at	2850	1.0	0.7	0.4	2130	0.9	0.9	0.8	AT5G20150	ids4-related protein
117	266419_at	262	0.8	0.7	0.4	250	1.0	0.5	0.2	AT2G38760	annexin -related
118	267158_at	1064	0.6	0.5	0.4	682	1.0	0.6	0.2	AT2G37640	expansin, putative (EXP3)
119	264006_at	2630	0.8	0.6	0.4	1505	1.2	1.2	1.9	AT2G22430	homeobox-leucine zipper protein ATHB-6 (HD-Zip transcription factor Athb-6)
120	267019_at	832	0.8	0.6	0.4	415	1.1	1.3	0.8	AT2G39130	amino acid transporter family
121	249073_at	5265	0.9	0.5	0.4	2900	0.8	0.6	0.3	AT5G44020	vegetative storage protein-related
122	253515_at	275	1.0	0.6	0.4	250	0.7	0.8	0.4	AT4G31320	auxin-induced (indole-3-acetic acid induced) protein, putative (SAUR_c)
123	265359_at	507	1.2	0.7	0.4	167	1.1	1.1	2.2	AT2G16720	myb DNA-binding protein
124	247461_at	238	1.0	0.5	0.4	149	1.2	0.9	0.5	AT5G62100	BAG domain containing protein
125	259660_at	4064	0.8	0.6	0.4	4621	1.0	0.7	0.3	AT1G55260	protease inhibitor/seed storage/lipid transfer protein (LTP) family
126	246991_at	1159	0.7	0.6	0.4	1077	1.0	0.5	0.1	AT5G67400	peroxidase, putative
127	255284_at	1491	0.7	0.4	0.4	2551	1.1	1.0	0.8	AT4G04610	5'-adenylylsulfate reductase
128	247191_at	819	1.0	0.6	0.4	655	0.9	0.7	0.6	AT5G65310	homeobox-leucine zipper protein ATHB-5 (HD-Zip protein ATHB-5)
129	249986_at	347	1.0	0.5	0.4	455	0.9	0.7	0.3	AT5G18460	expressed protein
130	259813_at	259	0.8	0.5	0.4	919	0.7	0.4	0.1	AT1G49860	glutathione transferase, putative
131	255438_at	679	0.8	0.7	0.4	706	1.1	0.7	0.4	AT4G03070	2-oxoglutarate-dependent dioxygenase (AOP1.2)
132	251174_at	881	0.7	0.4	0.4	1039	1.2	1.0	0.5	AT3G63200	patatin-related
133	259736_at	2091	0.8	0.6	0.4	3874	1.0	0.8	0.2	AT1G64390	glycosyl hydrolase family 9 (endo-1,4-beta-glucanase)
134	258003_at	664	0.8	0.5	0.4	1033	1.0	0.6	0.1	AT3G29030	expansin, putative (EXP5)
135	261247_at	896	0.9	0.6	0.4	502	0.8	1.1	1.9	AT1G20070	expressed protein
136	265872_at	1260	0.9	0.6	0.4	1607	1.1	1.1	1.5	AT2G01670	MutT/nudix family protein
137	266809_at	685	0.7	0.5	0.4	417	1.2	0.9	0.6	AT2G29970	expressed protein
138	261226_at	1891	0.5	0.3	0.4	1196	1.1	0.3	0.3	AT1G20190	expansin, putative (EXP11)
139	250613_at	412	0.5	0.2	0.4	424	1.2	1.1	0.5	AT5G07240	expressed protein

140	256062_at	594	0.9	0.5	0.4	500	0.9	1.1	1.7	AT1G07090	expressed protein
141	253817_at	497	0.8	0.8	0.4	497	0.9	0.8	0.6	AT4G28310	expressed protein
142	255294_at	170	1.1	0.7	0.4	362	1.2	0.9	0.4	AT4G04750	sugar transporter family
143	260830_at	2269	0.6	0.4	0.4	1809	1.1	0.9	0.9	AT1G06760	histone H1, putative
144	257876_at	220	1.5	0.8	0.4	255	1.0	0.9	0.6	AT3G17130	hypothetical protein
145	250424_at	1211	0.7	0.5	0.4	1073	1.0	0.9	0.9	AT5G10550	bromodomain-containing protein
146	253580_at	345	0.8	0.6	0.4	233	1.2	0.9	0.6	AT4G30400	zinc finger (RING finger) protein family
147	253317_at	439	0.5	0.4	0.4	823	1.1	0.8	0.3	AT4G33960	expressed protein
148	262162_at	2179	0.9	0.5	0.4	5624	1.0	0.9	0.5	AT1G78020	senescence-associated protein -related
149	250304_at	1864	0.8	0.4	0.4	770	1.1	1.1	0.6	AT5G12110	elongation factor 1B alpha-subunit (emb CAB64729.1)
150	259773_at	187	0.6	0.3	0.4	86	0.7	0.2	0.0	AT1G29500	auxin-induced (indole-3-acetic acid induced) protein, putative
151	246860_at	607	0.6	0.7	0.4	787	1.2	0.8	0.4	AT5G25840	expressed protein
152	259528_at	213	0.6	0.3	0.4	250	1.1	1.0	0.4	AT1G12330	expressed protein
153	265272_at	259	0.6	0.6	0.4	214	1.1	1.3	1.2	AT2G28350	auxin response transcription factor
154	266460_at	835	0.8	0.6	0.4	486	1.0	0.8	0.3	AT2G47930	proline-rich protein family
155	262682_at	910	1.1	0.6	0.4	1879	0.8	0.6	0.3	AT1G75900	family II extracellular lipase 3 (EXL3)
156	255577_at	202	0.9	0.6	0.4	121	1.1	0.6	0.5	AT4G01410	harpin-induced protein 1 family (HIN1)
157	255403_at	1118	1.4	0.5	0.4	318	1.1	1.4	1.4	AT4G03400	GH3 protein -related
158	250351_at	1098	0.5	0.2	0.4	26	1.5	3.2	40.6	AT5G12030	heat shock protein 17.6A
159	245007_at	6407	0.9	0.6	0.4	4724	1.1	0.7	0.3	ATCG00350	photosystem I P700 apoprotein A1 (PSAA)
160	254370_at	1296	0.9	0.6	0.4	793	1.2	0.7	0.5	AT4G21750	L1 specific homeobox gene ATML1/ovule-specific homeobox protein A20 (ATML1)
161	266294_at	1771	0.8	0.4	0.4	171	1.0	2.9	6.6	AT2G29500	small heat shock protein -related
162	249410_at	512	0.8	0.5	0.4	388	0.9	0.6	0.4	AT5G40380	receptor-related protein kinase
163	249411_at	1857	1.2	0.8	0.4	1535	1.0	1.0	1.3	AT5G40390	glycosyl hydrolase family 36
164	246652_at	711	0.5	0.7	0.4	467	1.6	0.7	0.1	AT5G35190	proline-rich protein family
165	261804_at	418	1.0	0.6	0.4	976	1.2	1.1	0.2	AT1G30530	glycosyltransferase family
166	252317_at	847	0.8	0.5	0.4	621	1.0	0.9	0.5	AT3G48720	transferase family
167	264130_at	1185	0.9	0.6	0.4	702	0.9	0.8	0.9	AT1G79160	expressed protein
168	255786_at	1416	0.7	0.8	0.4	945	0.9	0.6	0.2	AT1G19670	coronatine-induced protein 1 (CORI1)
169	255277_at	1224	0.8	0.6	0.4	1297	1.0	0.8	0.3	AT4G04890	homeodomain protein protodermal factor2 (PDF2)
170	248921_at	1682	0.9	0.6	0.4	1616	1.0	0.7	0.6	AT5G45950	GDSL-motif lipase/hydrolase protein
171	261407_at	417	1.8	1.1	0.4	245	1.2	0.7	0.4	AT1G18810	expressed protein
172	266322_at	635	0.7	0.5	0.4	597	1.1	0.9	0.5	AT2G46690	auxin-induced (indole-3-acetic acid induced) protein family
173	255149_at	516	0.7	0.7	0.4	403	1.3	1.2	0.8	AT4G08150	KNAT1 homeobox-related protein
174	260363_at	445	0.7	0.5	0.4	330	1.1	0.9	0.5	AT1G70550	expressed protein
175	248191_at	444	0.8	0.5	0.4	239	1.1	1.3	0.9	AT5G54130	calcium-binding EF-hand family protein
176	261819_at	503	0.9	0.8	0.4	444	1.1	1.0	1.1	AT1G11410	S-locus protein kinase, putative

177	253227_at	254	0.7	0.6	0.4	411	1.1	0.8	0.5	AT4G35030	protein kinase - like
178	249209_at	242	1.2	0.8	0.4	234	0.9	0.8	0.8	AT5G42620	major surface glyco protein-related
179	265880_at	334	0.6	0.4	0.4	248	0.9	1.0	0.6	AT2G42300	bHLH protein family
180	251272_at	216	0.8	0.5	0.4	133	1.1	1.1	0.8	AT3G61890	homeobox-leucine zipper protein ATHB-12 (HD-Zip transcription factor Athb-12)
181	256880_at	978	0.7	0.6	0.4	1355	1.2	0.9	0.5	AT3G26450	major latex protein (MLP)-related
182	246483_at	455	0.6	0.5	0.4	419	0.9	0.8	0.4	AT5G16000	receptor protein kinase-related protein
183	256060_at	537	0.9	0.6	0.4	1104	1.0	0.9	0.4	AT1G07050	expressed protein
184	245304_at	1101	1.2	0.8	0.4	890	1.1	0.9	1.0	AT4G15630	expressed integral membrane protein common family
185	264517_at	238	1.1	0.6	0.4	158	1.3	1.2	1.2	AT1G10120	expressed protein
186	253582_at	1481	0.8	0.7	0.4	1385	1.1	0.7	0.4	AT4G30670	expressed protein
187	248046_at	1067	0.9	0.6	0.4	1086	0.9	0.9	0.4	AT5G56040	leucine rich repeat protein kinase, putative
188	245874_at	1049	0.7	0.8	0.4	1481	0.8	0.8	0.5	AT1G26250	proline-rich extensin, putative
189	267425_at	213	0.9	0.7	0.4	206	0.9	0.8	0.5	AT2G34810	FAD-linked oxidoreductase family
190	250828_at	395	0.7	0.6	0.4	669	1.1	0.5	0.2	AT5G05250	expressed protein
191	258890_at	284	1.0	0.6	0.4	228	1.3	0.9	0.8	AT3G05690	transcription factor -related
192	252427_at	917	0.8	0.7	0.4	769	1.1	0.6	0.4	AT3G47640	bHLH protein family
193	264795_at	206	1.4	0.7	0.4	151	1.0	1.2	1.0	AT1G08680	ARF GAP-like zinc finger-containing protein (ZIGA4)
194	264745_at	2246	0.8	0.4	0.4	2164	0.9	1.0	0.7	AT1G62180	phosphoadenylyl-sulfate reductase (thioredoxin) (PAPS reductase), putative
195	250683_x_at	1153	0.8	0.6	0.4	1173	1.2	0.5	0.2	AT5G06640	proline-rich protein family
196	253741_at	189	0.7	0.6	0.4	156	1.5	1.0	1.0	AT4G28890	C3HC4-type zinc finger protein family
197	261538_at	228	1.1	0.6	0.4	156	1.1	0.6	0.5	AT1G01830	armadillo repeat containing protein
198	248393_at	1379	1.0	0.7	0.4	1152	1.1	1.0	0.9	AT5G52060	BAG domain containing protein
199	250261_at	1113	0.9	0.6	0.4	983	0.9	0.7	0.4	AT5G13400	peptide transporter - like protein
200	246930_at	251	1.0	0.4	0.4	303	1.1	1.4	1.3	AT5G25220	KNAT3 homeodomain protein
201	260367_at	646	0.9	0.8	0.4	545	0.9	1.0	1.0	AT1G69760	expressed protein
202	253050_at	633	0.9	0.6	0.4	538	0.8	0.7	0.4	AT4G37450	arabinogalactan-protein (AGP18)
203	261308_at	778	0.8	0.5	0.4	738	1.0	0.6	0.4	AT1G48480	leucine-rich repeat transmembrane protein kinase, putative
204	263412_at	1005	1.1	0.7	0.4	643	1.0	1.0	1.0	AT2G28720	histone H2B, putative
205	255889_at	4329	1.0	0.7	0.4	2802	1.0	1.1	1.0	AT1G17840	ABC transporter family protein
206	254041_at	814	1.3	0.9	0.4	537	1.1	1.0	0.6	AT4G25830	expressed integral membrane protein common family
207	250936_at	580	1.0	0.7	0.4	228	1.1	0.9	0.4	AT5G03120	expressed protein
208	250569_at	1099	1.1	0.5	0.4	541	1.0	0.9	0.7	AT5G08130	bHLH protein family
209	255891_at	404	1.1	0.5	0.4	116	1.0	0.8	1.2	AT1G17870	expressed protein
210	250793_at	652	0.9	0.7	0.4	236	0.8	1.1	1.7	AT5G05600	oxidoreductase, 2OG-Fe(II) oxygenase family
211	260234_at	631	1.2	0.9	0.4	979	1.0	1.1	1.0	AT1G74460	GDSL-motif lipase/hydrolase protein
212	246231_at	505	0.8	0.6	0.4	785	1.0	0.9	0.3	AT4G37080	expressed protein

213	252414_at	1489	1.0	0.6	0.4	1078	0.9	1.0	0.9	AT3G47420	glycerol-3-phosphate transporter (glycerol 3-phosphate permease), putative
214	259704_at	298	1.1	0.9	0.4	292	1.0	1.7	3.6	AT1G77680	3'-5' exoribonuclease -related
215	250968_at	444	0.7	0.4	0.4	551	1.0	0.4	0.1	AT5G02890	transferase family
216	247385_at	376	1.2	0.7	0.4	641	1.0	1.1	0.4	AT5G63420	hydrolase family
217	259391_s_at	544	0.9	0.6	0.4	545	0.9	0.5	0.2	AT1G06350	fatty acid desaturase family protein
218	266372_at	152	0.7	1.0	0.4	229	1.3	0.8	0.3	AT2G41310	two-component response regulator 3 protein -related
219	255028_at	192	0.6	0.4	0.4	325	1.2	0.9	0.4	AT4G09890	expressed protein
220	262236_at	309	0.5	0.3	0.4	238	0.8	0.5	0.2	AT1G48330	expressed protein
221	258421_at	432	0.8	0.7	0.4	424	1.1	0.7	0.2	AT3G16690	nodulin MtN3 family protein
222	250582_at	809	1.0	0.7	0.4	668	1.2	1.1	0.7	AT5G07580	ethylene responsive element binding factor family (EREBP)
223	247874_at	871	0.7	0.7	0.4	905	1.1	1.0	1.2	AT5G57710	101 kDa heat shock protein; HSP101-related protein
224	246135_at	702	1.0	0.7	0.4	1003	1.0	0.6	0.4	AT5G20885	C3HC4-type zinc finger protein family
225	263998_at	582	1.0	0.8	0.4	923	1.1	1.2	1.1	AT2G22510	proline-rich protein family
226	264479_at	431	1.1	0.9	0.4	356	1.2	1.1	1.1	AT1G77280	hypothetical protein
227	246149_at	1013	0.6	0.5	0.4	957	0.8	0.4	0.2	AT5G19890	peroxidase, putative
228	250892_at	1093	0.7	0.6	0.4	884	1.1	0.9	0.4	AT5G03760	glycosyltransferase family 2
229	260753_at	442	0.6	0.5	0.4	241	1.1	1.0	0.6	AT1G49230	RING-H2 finger protein RHA3a -related
230	259430_at	2147	0.8	0.6	0.4	2097	1.0	1.0	1.0	AT1G01610	expressed protein
231	260051_at	785	1.1	0.8	0.4	535	1.0	0.8	0.7	AT1G78210	hydrolase, alpha/beta fold family
232	251796_at	3778	0.9	0.7	0.4	3125	0.9	0.7	0.4	AT3G55360	3-oxo-5-alpha-steroid 4-dehydrogenase (steroid 5-alpha-reductase) family
233	258217_at	441	0.9	0.6	0.4	1030	1.1	0.7	0.2	AT3G18000	phosphoethanolamine N-methyltransferase, putative
234	260267_at	3295	0.9	0.7	0.4	2976	1.1	1.0	0.6	AT1G68530	very-long-chain fatty acid condensing enzyme (CUT1)
235	265967_at	983	0.8	0.6	0.4	1017	0.9	0.7	0.3	AT2G37450	nodulin MtN21 family protein
236	256321_at	1162	0.9	0.8	0.4	1073	1.1	1.0	1.1	AT1G55020	lipoxygenase (LOX1)
237	257162_s_at	151	1.1	0.9	0.4	367	1.0	0.8	0.5	AT3G24290	ammonium transporter -related
238	255140_x_at	852	1.0	0.7	0.4	861	1.0	0.6	0.2	AT4G08410	proline-rich protein family
239	257267_at	435	0.9	0.7	0.4	631	1.0	0.8	0.9	AT3G15030	TCP family transcription factor, putative
240	261927_at	211	0.7	0.6	0.4	140	1.3	0.8	0.3	AT1G22500	RING-H2 zinc finger protein ATL5 -related
241	254122_at	1201	0.9	0.6	0.4	815	1.0	0.8	0.5	AT4G24510	CER2
242	261337_at	262	0.8	0.7	0.4	211	1.0	1.1	0.9	AT1G44810	expressed protein
243	250500_at	2481	1.2	0.9	0.4	3770	1.1	1.4	1.7	AT5G09530	proline-rich protein family
244	245501_at	264	0.8	0.4	0.4	1278	1.1	0.7	0.6	AT4G15620	expressed protein
245	261883_at	328	0.7	0.4	0.4	245	1.1	0.8	0.4	AT1G80870	protein kinase family
246	251714_at	737	0.9	0.6	0.4	862	1.3	0.9	0.4	AT3G56370	leucine-rich repeat transmembrane protein kinase, putative
247	261926_at	2407	0.8	0.5	0.4	1084	1.0	0.7	0.5	AT1G22530	expressed protein
248	256852_at	262	1.0	0.8	0.4	263	0.9	2.5	6.0	AT3G18610	nucleolin, putative

249	262711_at	334	0.8	0.8	0.4	283	1.0	0.8	1.0	AT1G16500	expressed protein
250	254235_at	333	1.0	0.6	0.4	286	0.9	0.5	0.2	AT4G23750	AP2 domain transcription factor, putative
251	256666_at	1686	1.0	0.7	0.4	2193	1.0	0.9	0.9	AT3G20670	histone H2A, putative
252	247470_at	621	0.8	0.7	0.4	544	0.9	0.7	0.4	AT5G62220	exostosin family
253	248175_at	969	0.6	0.5	0.4	686	1.2	1.1	1.9	AT5G54640	histone H2A
254	263914_at	422	0.8	0.5	0.4	156	1.2	1.1	1.4	AT2G36400	transcription activator (GRL3)
255	263841_at	2642	1.1	0.8	0.4	2099	1.1	1.3	0.5	AT2G36870	xyloglucan endotransglycosylase, putative
256	253998_at	2009	0.8	0.8	0.4	1874	1.1	0.7	0.2	AT4G26010	peroxidase, putative
257	252515_at	649	1.4	0.3	0.4	26	1.2	13.3	59.7	AT3G46230	class I heat shock protein(HSP 17.4)
258	262414_at	1064	0.8	0.6	0.4	956	1.0	0.9	0.6	AT1G49430	long-chain-fatty-acid--CoA ligase (acyl CoA synthetase)
259	261785_at	341	1.0	0.6	0.4	294	0.9	1.3	1.4	AT1G08230	amino acid transporter family
260	254697_at	646	0.7	0.6	0.4	694	1.0	0.6	0.4	AT4G17970	expressed protein
261	263688_at	922	0.9	0.6	0.4	484	1.0	1.1	0.8	AT1G26920	expressed protein
262	258589_at	1544	0.8	0.6	0.5	2284	1.0	0.9	0.3	AT3G04290	GDSL-motif lipase/hydrolase protein
263	250337_at	784	1.1	0.7	0.5	956	1.1	0.9	0.5	AT5G11790	Ndr family
264	253920_at	1474	0.7	0.5	0.5	1321	1.1	1.0	0.6	AT4G27230	histone H2A, putative
265	248708_at	341	1.1	0.7	0.5	295	1.1	1.0	1.1	AT5G48560	bHLH protein family
266	261411_at	1599	0.9	0.6	0.5	1404	1.2	1.0	0.9	AT1G07790	histone H2B, putative
267	264587_at	363	0.9	0.6	0.5	262	1.1	1.0	0.5	AT1G05200	glutamate receptor family (GLR3.4)
268	251226_at	2161	0.6	0.7	0.5	1785	1.3	0.6	0.2	AT3G62680	proline-rich protein family
269	266882_at	2765	1.1	0.8	0.5	2946	1.0	1.1	1.1	AT2G44670	senescence-associated protein -related
270	252711_at	5445	0.8	0.7	0.5	4907	0.9	0.7	0.5	AT3G43720	protease inhibitor/seed storage/lipid transfer protein (LTP) family
271	256626_at	332	0.7	0.5	0.5	479	1.2	0.9	0.6	AT3G20015	expressed protein
272	260490_at	2651	0.9	0.6	0.5	2334	1.0	0.8	0.6	AT1G51500	ABC transporter family protein
273	260205_at	1208	1.2	1.0	0.5	240	1.2	0.9	0.7	AT1G70700	expressed protein
274	266369_at	391	0.9	0.6	0.5	251	1.1	0.8	0.6	AT2G41370	expressed protein
275	261323_at	634	1.1	0.8	0.5	733	1.1	0.8	0.5	AT1G44760	expressed protein
276	252619_at	842	0.8	0.7	0.5	532	0.9	0.8	0.7	AT3G45210	expressed protein
277	259617_at	999	0.8	0.7	0.5	825	0.9	1.2	1.7	AT1G47970	expressed protein
278	251330_at	1160	0.8	0.7	0.5	914	1.0	0.7	0.6	AT3G61550	zinc finger (RING finger) protein family
279	245861_at	628	0.8	0.5	0.5	380	1.0	1.0	0.6	AT5G28300	GTL1 - like protein
280	262727_at	2522	0.8	0.9	0.5	1895	0.9	1.0	0.9	AT1G75800	thaumatin family
281	261563_at	1653	0.9	0.7	0.5	1882	1.0	0.7	0.4	AT1G01630	SEC14 cytosolic factor, putative
282	265169_x_at	1622	0.8	0.7	0.5	1611	1.0	0.6	0.4	AT1G23720	proline-rich protein family
283	254839_at	381	1.1	0.6	0.5	195	1.0	1.2	2.8	AT4G12400	stress inducible protein (sti), putative
284	263151_at	431	0.7	0.8	0.5	484	0.9	1.2	0.7	AT1G54120	expressed protein
285	256299_at	4106	0.7	0.6	0.5	2161	0.9	0.6	0.4	AT1G69530	expansin, putative (EXP1)

286	254119_at	3383	0.6	0.5	0.5	3461	1.0	0.7	0.3	AT4G24780	polysaccharide lyase family 1 (pectate lyase)
287	252238_at	924	0.5	0.5	0.5	474	1.4	0.8	0.2	AT3G49960	peroxidase, putative
288	247467_at	701	1.1	1.0	0.5	571	1.1	0.8	0.5	AT5G62130	expressed protein
289	264783_at	469	1.1	1.0	0.5	302	1.4	0.8	0.8	AT1G08650	phosphoenolpyruvate carboxylase kinase, putative
290	258119_at	1156	0.9	0.7	0.5	947	1.1	1.1	1.1	AT3G14720	mitogen-activated protein kinase (MAPK), putative (MPK19)
291	253372_at	2913	1.1	0.7	0.5	1802	0.9	0.9	0.7	AT4G33220	pectinesterase family
292	246580_at	515	0.8	0.6	0.5	597	0.9	0.8	0.6	AT1G31770	ABC transporter family protein
293	251842_at	469	0.8	0.9	0.5	555	1.2	0.5	0.2	AT3G54580	proline-rich protein family
294	265042_at	4688	1.0	0.7	0.5	5146	0.8	0.5	0.2	AT1G04040	acid phosphatase -related
295	250167_at	198	1.2	0.9	0.5	323	1.0	0.7	0.3	AT5G15310	myb family transcription factor
296	261924_at	858	1.4	0.9	0.5	426	1.1	1.1	0.6	AT1G22550	peptide transporter -related
297	256937_at	1925	1.1	1.1	0.5	1576	0.9	1.0	1.7	AT3G22620	protease inhibitor/seed storage/lipid transfer protein (LTP) family
298	256848_at	607	0.9	0.7	0.5	571	1.0	0.8	1.1	AT3G27960	kinesin light chain - related
299	247297_at	5259	1.1	0.8	0.5	3444	1.1	0.8	0.5	AT5G64100	peroxidase, putative
300	245993_at	5279	0.9	0.6	0.5	6778	1.0	0.8	0.5	AT5G20700	senescence-associated protein -related
301	262164_at	528	1.2	1.0	0.5	331	0.8	1.0	1.6	AT1G78070	expressed protein
302	258082_at	159	0.6	0.7	0.5	204	1.0	0.6	0.3	AT3G25905	CLE27, putative
303	262312_at	2743	0.9	0.7	0.5	2989	1.0	0.5	0.2	AT1G70830	Bet v I allergen family
304	261772_at	1196	0.9	0.6	0.5	307	1.1	0.8	0.7	AT1G76240	expressed protein
305	267053_s_at	1219	0.9	0.7	0.5	2910	1.2	0.8	0.4	AT2G38390	peroxidase, putative
306	250428_at	2910	0.9	0.7	0.5	2525	0.9	0.7	0.5	AT5G10480	protein phosphatase -related
307	249651_at	444	1.1	0.6	0.5	361	1.0	1.0	0.8	AT5G37020	auxin response transcription factor(ARF8)
308	257260_at	499	1.2	1.0	0.5	431	1.2	1.1	0.8	AT3G22104	expressed protein
309	261907_at	732	2.0	1.0	0.5	1292	1.1	1.4	0.5	AT1G65060	4-coumarate:CoA ligase 3 (4-coumaroyl-CoA synthase 3) (4CL3), putative
310	259737_at	733	0.9	0.7	0.5	1112	1.0	0.8	0.5	AT1G64400	long-chain-fatty-acid--CoA ligase (acyl-CoA synthetase), putative
311	249008_at	956	0.6	0.4	0.5	725	0.9	0.7	0.4	AT5G44680	expressed protein
312	253172_at	1794	1.0	0.9	0.5	1249	1.0	0.7	0.6	AT4G35060	copper chaperone (CCH)-related
313	251843_x_at	2729	0.8	0.7	0.5	2732	1.1	0.6	0.2	AT3G54590	proline-rich protein family
314	262411_at	629	0.8	0.6	0.5	507	1.0	0.8	0.4	AT1G34640	expressed protein
315	253579_at	640	1.0	0.8	0.5	883	0.8	0.6	0.3	AT4G30610	serine carboxypeptidase -related
316	260025_at	633	0.8	0.6	0.5	309	0.9	1.4	2.6	AT1G30070	expressed protein
317	254789_at	3866	0.8	0.7	0.5	4525	1.0	0.7	0.3	AT4G12880	plastocyanin-like domain containing protein
318	248646_at	611	0.6	0.5	0.5	553	1.1	0.7	0.4	AT5G49100	expressed protein
319	244991_s_at	509	0.6	0.6	0.5	817	0.9	0.5	0.2	ATCG00890	NADH dehydrogenase subunit 2
320	261813_at	526	0.9	0.7	0.5	463	0.9	0.8	0.7	AT1G08280	sialyltransferase family

321	245317_at	2715	0.9	0.8	0.5	1349	1.0	0.9	2.1	AT4G15610	expressed integral membrane protein common family
322	263320_at	854	0.7	0.6	0.5	106	1.0	1.2	2.5	AT2G47180	galactinol synthase, putative
323	250801_at	753	0.7	0.7	0.5	717	1.1	0.6	0.2	AT5G04960	pectinesterase family
324	261610_at	272	0.8	0.6	0.5	274	1.1	0.8	0.6	AT1G49560	myb family transcription factor
325	251476_at	269	0.9	0.6	0.5	334	0.8	1.3	1.3	AT3G59670	hypothetical protein
326	252280_at	885	0.7	0.5	0.5	865	1.0	0.6	0.3	AT3G49260	SF16 -related protein
327	249309_at	482	0.9	0.7	0.5	549	1.2	1.2	1.1	AT5G41410	homeodomain protein, BELL1 (BEL1)
328	264348_at	2645	0.6	0.5	0.5	3724	0.9	0.7	0.5	AT1G12110	putative NPK1-related protein kinase 2
329	251524_at	1086	0.8	0.6	0.5	2119	1.0	0.8	0.2	AT3G58990	aconitase family
330	258432_at	1480	0.9	0.7	0.5	1741	0.9	0.9	0.5	AT3G16570	expressed protein
331	246142_at	172	0.8	0.6	0.5	201	0.7	0.4	0.3	AT5G19970	hypothetical protein
332	260876_at	1313	1.0	0.8	0.5	1486	1.0	1.5	1.0	AT1G21460	nodulin MtN3 family protein
333	267592_at	539	1.2	1.0	0.5	383	1.0	1.1	1.3	AT2G39710	expressed protein
334	248292_at	438	0.6	0.5	0.5	205	1.1	1.1	0.7	AT5G53030	expressed protein
335	264898_at	609	0.9	0.6	0.5	1343	1.0	0.7	0.2	AT1G23205	pectinesterase - related
336	253663_at	702	0.9	0.6	0.5	570	1.1	1.1	1.1	AT4G30160	villin -related
337	262096_at	324	0.9	0.7	0.5	285	1.2	0.8	0.5	AT1G56010	NAC1 / No apical meristem (NAM) protein family
338	251183_at	629	1.0	0.6	0.5	468	1.0	0.9	0.6	AT3G62630	expressed protein
339	252472_at	710	0.8	0.7	0.5	821	1.0	0.9	0.8	AT3G46830	GTP-binding protein, putative
340	263325_at	507	0.6	0.6	0.5	622	1.2	1.2	0.6	AT2G04240	C3HC4-type zinc finger protein family
341	266336_at	475	1.0	0.7	0.5	472	1.3	0.9	0.3	AT2G32270	zinc transporter (ZIP3)
342	262040_at	187	1.2	0.6	0.5	195	1.0	1.0	0.5	AT1G80080	leucine rich repeat protein family
343	264188_at	2124	0.8	0.6	0.5	2111	0.9	1.1	0.9	AT1G54690	histone H2A, putative
344	261825_at	663	0.9	0.6	0.5	670	0.8	0.5	0.3	AT1G11545	xyloglucan endotransglycosylase, putative
345	255622_at	1215	1.1	1.1	0.5	1335	1.1	1.1	1.0	AT4G01070	glycosyltransferase family
346	262590_at	1541	1.2	0.9	0.5	1233	0.9	0.8	0.8	AT1G15100	C3HC4-type zinc finger protein family
347	247664_at	550	1.2	0.7	0.5	477	1.0	1.0	0.8	AT5G60120	AP2 domain transcription factor, putative
348	252943_at	5346	1.0	0.7	0.5	6656	1.1	0.7	0.3	AT4G39330	mannitol dehydrogenase, putative
349	254232_at	1358	0.7	0.6	0.5	2676	1.1	1.1	0.4	AT4G23600	aminotransferase family
350	251924_at	1674	0.7	0.5	0.5	1905	1.0	0.8	0.5	AT3G53730	histone H4
351	262539_at	1673	0.9	0.6	0.5	1531	1.0	0.8	0.3	AT1G17200	expressed integral membrane protein common family
352	247549_at	728	0.6	0.5	0.5	804	1.0	1.0	0.6	AT5G61420	myb-related transcription factor(mixta), putative
353	263809_at	555	0.8	0.7	0.5	624	0.9	0.8	0.8	AT2G04570	GDSL-motif lipase/hydrolase protein
354	260521_at	943	0.9	0.7	0.5	710	1.0	1.0	0.8	AT2G41740	villin 2 -related
355	257041_at	783	0.6	0.7	0.5	855	1.1	0.6	0.3	AT3G28550	proline-rich protein family
356	264007_at	3552	1.0	0.7	0.5	3125	0.9	0.6	0.3	AT2G21140	proline-rich protein family
357	252618_at	2868	0.8	0.5	0.5	9359	1.0	0.6	0.2	AT3G45140	lipoxygenase (LOX2)

358	250306_at	205	1.3	0.7	0.5	187	1.0	1.2	1.0	AT5G12160	expressed protein
359	267534_at	764	1.0	0.6	0.5	544	1.1	1.2	1.5	AT2G41900	CCCH-type zinc finger protein -related
360	265102_at	522	0.8	0.9	0.5	568	1.1	0.7	0.2	AT1G30870	cationic peroxidase, putative
361	249123_at	1052	0.9	0.7	0.5	812	0.9	0.9	0.9	AT5G43760	beta-ketoacyl-CoA synthase, putative
362	260282_at	970	1.1	0.9	0.5	923	1.0	1.5	1.4	AT1G80410	acetyltransferase - related
363	248820_at	749	0.7	0.6	0.5	564	1.2	1.1	1.4	AT5G47060	senescence-associated protein -related
364	267483_at	457	0.7	0.6	0.5	408	1.1	1.4	1.8	AT2G02810	expressed protein
365	256482_at	2217	0.9	0.7	0.5	1605	1.0	0.8	0.6	AT1G31420	leucine-rich repeat transmembrane protein kinase, putative

Fold induction for 305-1h is averaged from four independent ATH-1 array hybridizations, all others from two independent array hybridizations. Applied threshold is 2-fold. Annotation June 15, 2003.