

Table 10. 295_6hr_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	266222_at	29	1.3	0.9	2.0	36	1.7	0.1	0.1	AT2G28780	expressed protein
2	254550_at	192	0.4	0.3	0.2	1412	0.7	0.1	0.0	AT4G19690	iron-regulated transporter (IRT1)
3	247425_at	53	2.8	1.0	0.6	67	0.6	0.1	0.1	AT5G62550	expressed protein
4	258498_at	9	4.8	6.0	5.6	141	1.5	0.2	0.3	AT3G02480	expressed protein
5	251545_at	184	0.8	0.9	0.6	538	0.8	0.3	0.3	AT3G58810	zinc transporter, putative/metal tolerance protein, putative (MTPa2)
6	246273_at	12	2.2	0.6	2.0	215	1.3	0.3	0.0	AT4G36700	cupin domain-containing protein
7	262260_at	2406	1.0	0.9	0.5	3185	1.0	0.3	0.1	AT1G70850	Bet v I allergen family
8	266353_at	2170	1.1	1.0	0.9	2632	0.7	0.3	0.1	AT2G01520	major latex protein (MLP)-related
9	254233_at	654	0.9	0.6	0.8	708	0.8	0.3	0.1	AT4G23800	98b like protein
10	253480_at	562	0.9	0.8	0.9	600	0.8	0.3	0.2	AT4G31840	plastocyanin-like domain containing protein
11	246603_at	99	1.1	0.9	0.8	362	0.8	0.3	0.1	AT1G31690	copper amine oxidase -related
12	258480_at	498	1.1	1.0	1.1	656	0.8	0.3	0.2	AT3G02640	expressed protein
13	253301_at	636	0.4	0.3	0.3	340	0.4	0.3	0.8	AT4G33720	pathogenesis-related protein, putative
14	265099_at	29	4.3	2.7	1.9	139	1.8	0.3	0.2	AT1G03990	alcohol oxidase-related
15	261226_at	1891	0.5	0.3	0.4	1196	1.1	0.3	0.3	AT1G20190	expansin, putative (EXP11)
16	247684_at	22	2.9	0.9	0.3	171	1.4	0.3	0.3	AT5G59670	leucine rich repeat protein kinase, putative
17	247304_at	792	1.0	0.7	1.1	839	0.7	0.3	0.4	AT5G63850	amino acid transporter 4 (AAP4)
18	248526_at	268	0.6	0.5	0.6	310	0.8	0.3	0.1	AT5G50730	hypothetical protein
19	247134_at	148	1.2	1.0	1.0	154	1.1	0.3	0.3	AT5G66230	expressed protein
20	255822_at	1515	0.6	0.9	1.2	501	0.9	0.3	0.6	AT2G40610	expansin, putative (EXP8)
21	265665_at	279	3.1	2.8	1.0	298	0.9	0.3	0.3	AT2G27420	cysteine proteinase
22	260831_at	436	0.9	1.0	2.1	972	0.8	0.3	0.5	AT1G06830	glutaredoxin protein family
23	251677_at	668	0.7	0.6	0.3	2560	1.3	0.3	0.1	AT3G56980	bHLH protein family
24	245343_at	261	1.0	0.8	1.1	366	0.8	0.4	0.2	AT4G15830	expressed protein
25	247814_at	350	1.1	0.9	0.8	1593	1.0	0.4	0.1	AT5G58310	hydrolase, alpha/beta fold family
26	264802_at	561	1.2	1.0	1.0	555	0.9	0.4	0.2	AT1G08560	syntaxin of plants SYP111 (KNOLLE)
27	248057_at	111	1.0	0.9	1.1	106	0.7	0.4	0.3	AT5G55520	hypothetical protein
28	246142_at	172	0.8	0.6	0.5	201	0.7	0.4	0.3	AT5G19970	hypothetical protein
29	245148_at	538	0.7	0.7	0.6	354	1.1	0.4	0.5	AT2G45220	pectinesterase family
30	266007_at	147	0.7	0.7	0.7	191	0.8	0.4	0.3	AT2G37380	expressed protein
31	251466_at	74	1.2	0.6	0.5	131	1.4	0.4	0.2	AT3G59340	expressed protein

32	255460_at	134	0.8	0.7	1.0	148	0.9	0.4	0.0	AT4G02800	expressed protein
33	258859_at	247	1.1	0.8	1.1	268	0.7	0.4	0.3	AT3G02120	expressed protein
34	253957_at	381	1.1	1.1	0.9	564	1.0	0.4	0.2	AT4G26320	arabinogalactan-protein (AGP13)
35	252163_at	24	1.4	0.9	0.9	131	1.1	0.4	0.3	AT3G50610	hypothetical protein
36	252248_at	156	0.9	0.8	0.8	190	0.9	0.4	0.5	AT3G49750	leucine rich repeat protein family
37	248413_at	330	1.0	0.7	0.7	290	0.7	0.4	0.2	AT5G51600	microtubule associated protein (MAP65/ASE1) family
38	250228_at	189	1.2	1.2	1.4	253	0.9	0.4	0.1	AT5G13840	cell cycle switch protein
39	248691_at	191	0.9	1.0	0.7	236	0.8	0.4	0.2	AT5G48310	hypothetical protein
40	245816_at	166	1.0	0.8	0.6	195	0.6	0.4	0.3	AT1G26210	expressed protein
41	248807_at	393	1.0	0.8	1.0	849	0.8	0.4	0.1	AT5G47500	pectinesterase family
42	250980_at	27	8.1	14.5	15.3	109	1.0	0.4	0.1	AT5G03130	hypothetical protein
43	249383_at	380	0.7	0.4	0.3	130	1.1	0.4	0.4	AT5G39860	bHLH protein
44	254820_s_at	2225	0.9	0.7	0.5	2726	1.0	0.4	0.1	AT4G12510	protease inhibitor/seed storage/lipid transfer protein (LTP) family
45	259640_at	749	1.1	0.7	0.7	826	0.9	0.4	0.3	AT1G52400	glycosyl hydrolase family 1, beta-glucosidase (BG1)
46	266162_at	139	0.9	1.0	0.7	227	0.7	0.4	0.3	AT2G28160	bHLH protein family
47	246687_at	329	0.9	0.8	0.3	767	1.0	0.4	0.1	AT5G33370	GDSL-motif lipase/hydrolase protein
48	249375_at	2106	0.8	1.0	0.7	2177	1.0	0.4	0.2	AT5G40730	arabinogalactan-protein (AGP24)
49	246149_at	1013	0.6	0.5	0.4	957	0.8	0.4	0.2	AT5G19890	peroxidase, putative
50	254907_at	30	1.7	0.6	0.4	291	0.9	0.4	0.0	AT4G11190	disease resistance response protein family/ dirigent protein family
51	253340_s_at	486	0.9	0.7	0.7	504	0.8	0.4	0.4	AT4G33260	WD-40 repeat protein family
52	262109_at	602	1.0	0.7	0.8	669	0.7	0.4	0.2	AT1G02730	cellulose synthase family
53	246920_at	127	1.1	0.7	0.9	205	0.6	0.4	0.3	AT5G25090	plastocyanin-like domain containing protein
54	259813_at	259	0.8	0.5	0.4	919	0.7	0.4	0.1	AT1G49860	glutathione transferase, putative
55	246797_at	101	0.8	0.7	0.6	197	0.8	0.4	0.2	AT5G26790	expressed protein
56	247962_at	139	1.1	1.0	1.6	184	0.7	0.4	0.4	AT5G56580	mitogen-activated protein kinase kinase (MAPKK), putative (MKK6)
57	261660_at	220	1.0	0.8	1.1	241	0.9	0.4	0.3	AT1G18370	kinesin heavy chain isolog -related
58	256832_at	322	1.2	1.1	1.1	318	0.8	0.4	0.2	AT3G22880	meiotic recombination protein (AtDMC1)
59	259978_at	300	1.1	0.9	0.9	362	1.0	0.4	0.2	AT1G76540	cell division control protein, putative
60	248844_s_at	2399	0.9	0.8	0.9	2529	1.0	0.4	0.3	AT5G46900	protease inhibitor/seed storage/lipid transfer protein (LTP) family
61	267359_at	150	1.0	0.9	1.2	266	0.8	0.4	0.4	AT2G40020	expressed protein
62	264377_at	499	1.1	1.3	0.9	651	0.8	0.4	0.2	AT2G25060	similar to early nodulins
63	253403_at	303	1.4	1.0	1.2	400	0.8	0.4	0.3	AT4G32830	protein kinase, putative
64	256799_at	141	1.0	1.3	1.3	268	0.7	0.4	0.7	AT3G18560	expressed protein
65	251142_at	397	1.2	0.9	1.0	551	0.9	0.4	0.2	AT5G01015	expressed protein

66	250968_at	444	0.7	0.4	0.4	551	1.0	0.4	0.1	AT5G02890	transferase family
67	245546_at	129	1.0	0.9	0.9	245	0.9	0.4	0.3	AT4G15290	cellulose synthase - related
68	257005_at	318	1.0	0.9	1.0	359	0.9	0.4	0.3	AT3G14190	expressed protein
69	259120_at	178	1.6	1.8	1.1	232	0.9	0.4	0.9	AT3G02240	expressed protein
70	262868_at	2250	0.7	0.9	0.8	3022	1.3	0.4	0.2	AT1G64980	expressed protein
71	260547_at	2358	0.8	0.9	0.8	4402	0.9	0.4	0.2	AT2G43550	trypsin inhibitor -related
72	267339_at	438	0.6	0.5	1.0	479	1.0	0.4	0.6	AT2G39870	expressed protein
73	250983_at	50	0.5	0.7	2.4	165	0.4	0.4	5.4	AT5G02780	ln2-1 protein, putative
74	245736_at	657	1.2	0.8	0.8	560	0.9	0.4	0.2	AT1G73330	Dr4(protease inhibitor)
75	265265_at	285	1.1	1.3	1.0	321	1.0	0.4	0.3	AT2G42900	expressed protein
76	249567_at	575	1.1	0.9	0.6	1190	1.1	0.4	0.2	AT5G38020	S-adenosyl-L-methionine:carboxyl methyltransferase family
77	264751_at	500	0.7	0.8	1.0	1434	1.4	0.4	0.2	AT1G23020	ferric-chelate reductase, putative
78	248656_at	306	1.0	0.6	0.8	368	0.9	0.4	0.2	AT5G48460	fimbrin 2 (gb AAB97844.1)
79	258067_at	180	1.1	1.0	0.9	196	0.9	0.4	0.3	AT3G25980	mitotic checkpoint protein -related
80	252950_at	714	0.7	0.7	0.6	510	1.0	0.5	0.3	AT4G38690	expressed protein
81	261159_s_at	130	0.8	1.0	0.7	116	1.1	0.5	0.6	AT1G34460	cyclin, putative
82	253985_at	318	0.8	0.8	0.5	389	1.1	0.5	0.4	AT4G26220	caffeoyl-CoA 3-O-methyltransferase, putative
83	249599_at	220	1.2	0.7	0.7	272	1.0	0.5	0.3	AT5G37990	methyltransferase-related
84	245555_at	1206	0.6	0.5	0.6	1965	1.0	0.5	0.2	AT4G15390	acyltransferase family
85	248270_at	3557	0.7	0.6	0.6	6635	1.1	0.5	0.2	AT5G53450	protein kinase family
86	260693_at	1487	0.7	0.5	1.0	1444	1.0	0.5	0.3	AT1G32450	peptide transporter PTR2-B -related
87	245739_at	338	1.0	0.8	0.7	371	0.8	0.5	0.2	AT1G44110	cyclin, putative
88	263098_at	171	1.6	1.2	1.3	193	1.1	0.5	0.4	AT2G16005	expressed protein
89	260221_at	7322	0.8	1.0	1.3	2333	0.9	0.5	0.8	AT1G74670	GAST1-related protein
90	247678_at	1305	0.9	0.9	0.6	1911	1.0	0.5	0.4	AT5G59520	zinc transporter (ZIP2)
91	259790_s_at	384	0.5	0.3	0.4	105	0.8	0.5	0.2	AT1G29430	auxin-induced (indole-3-acetic acid induced) protein family
92	258552_at	657	0.7	0.4	0.5	471	0.9	0.5	0.5	AT3G07010	polysaccharide lyase family 1 (pectate lyase)
93	254221_at	1589	0.9	0.7	0.5	1359	0.9	0.5	0.2	AT4G23820	polygalacturonase, putative
94	244991_s_at	509	0.6	0.6	0.5	817	0.9	0.5	0.2	ATCG00890	NADH dehydrogenase subunit 2
95	253255_at	431	0.6	0.5	0.5	811	1.0	0.5	0.2	AT4G34760	auxin-induced (indole-3-acetic acid induced) protein family
96	246505_at	382	1.2	0.9	0.9	304	1.0	0.5	0.3	AT5G16250	expressed protein
97	266419_at	262	0.8	0.7	0.4	250	1.0	0.5	0.2	AT2G38760	annexin -related
98	250682_x_at	2374	0.6	0.6	0.3	2253	1.1	0.5	0.1	AT5G06630	proline-rich protein family
99	257072_at	1554	0.9	0.7	0.7	1814	0.8	0.5	0.3	AT3G14220	GDSL-motif lipase/hydrolase protein
100	261859_at	547	1.1	0.8	0.9	609	0.7	0.5	0.4	AT1G50490	ubiquitin-conjugating enzyme (UBC20)
101	247965_at	2827	0.8	0.9	0.8	2407	1.0	0.5	0.4	AT5G56540	arabinogalactan-protein (AGP14)
102	247406_at	377	0.9	0.9	0.6	407	1.1	0.5	0.2	AT5G62920	response regulator 6 (ARR6)

103	266324_at	364	0.7	0.6	0.6	383	0.8	0.5	0.3	AT2G46710	rac GTPase activating protein -related
104	264482_at	272	0.7	0.9	1.1	176	1.1	0.5	0.8	AT1G77210	sugar transporter, putative
105	257290_at	92	1.0	0.9	1.0	113	0.6	0.5	0.2	AT3G15560	expressed protein
106	262312_at	2743	0.9	0.7	0.5	2989	1.0	0.5	0.2	AT1G70830	Bet v I allergen family
107	261684_at	2113	0.7	0.5	0.2	4000	1.2	0.5	0.2	AT1G47400	hypothetical protein
108	244989_s_at	192	0.6	0.6	0.6	258	1.0	0.5	0.3	ATCG00860	ycf2
109	252077_at	126	1.1	1.0	1.6	181	1.0	0.5	0.5	AT3G51720	expressed protein
110	255236_at	303	1.1	0.9	1.1	310	0.9	0.5	0.3	AT4G05520	calcium-binding EF-hand family protein
111	247100_at	96	1.0	1.3	1.4	158	0.9	0.5	0.3	AT5G66520	pentatricopeptide (PPR) repeat-containing protein
112	262218_at	199	0.8	0.7	0.5	591	0.9	0.5	0.3	AT1G74760	hypothetical protein
113	251427_at	698	0.9	0.8	0.8	670	0.9	0.5	0.4	AT3G60130	glycosyl hydrolase family 1
114	249817_at	770	0.9	0.6	0.5	1397	1.2	0.5	0.2	AT5G23820	expressed protein

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.