

Table 4. 295_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	257421_at	184	0.6	0.0	0.1	91	6.9	0.4	0.2	AT1G12030	hypothetical protein
2	246884_at	1613	0.4	0.1	0.1	959	1.0	0.7	0.2	AT5G26220	expressed protein
3	263318_at	144	0.6	0.1	0.2	325	1.0	1.1	0.7	AT2G24762	expressed protein
4	248676_at	595	0.3	0.1	0.1	614	1.2	1.1	0.3	AT5G48850	male sterility MS5 family
5	250296_at	896	0.5	0.1	0.3	21	7.3	11.4	78.0	AT5G12020	class II heat shock protein
6	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)
7	260869_at	188	0.8	0.1	0.4	146	0.7	1.5	0.7	AT1G43800	acyl-(acyl-carrier-protein) desaturase (stearoyl-ACP desaturase), putative
8	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
9	263970_at	81	0.5	0.2	0.6	59	1.1	0.2	0.1	AT2G42850	cytochrome P450 family
10	255807_at	81	0.8	0.2	0.5	94	1.2	1.1	0.8	AT4G10270	probable wound-induced protein
11	247600_at	758	0.3	0.2	0.2	633	1.0	0.8	0.4	AT5G60890	receptor-like protein kinase(ATR1), putative
12	246000_at	141	0.5	0.2	0.5	75	1.4	1.5	1.1	AT5G20820	auxin-induced (indole-3-acetic acid induced) protein-related
13	250351_at	1098	0.5	0.2	0.4	26	1.5	3.2	40.6	AT5G12030	heat shock protein 17.6A
14	263150_at	888	0.5	0.2	0.4	112	0.8	1.0	2.4	AT1G54050	heat shock hsp20 protein family
15	250613_at	412	0.5	0.2	0.4	424	1.2	1.1	0.5	AT5G07240	expressed protein
16	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
17	255604_at	939	0.5	0.3	0.1	1662	1.1	0.9	0.2	AT4G01080	expressed protein
18	266912_at	182	0.4	0.3	0.4	174	1.3	0.9	0.2	AT2G45900	expressed protein
19	261177_at	1308	0.6	0.3	0.1	1339	1.0	1.1	0.7	AT1G04770	male sterility MS5 family
20	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)
21	254550_at	192	0.4	0.3	0.2	1412	0.7	0.1	0.0	AT4G19690	iron-regulated transporter (IRT1)
22	257858_at	2238	0.5	0.3	0.2	1139	1.0	0.6	0.6	AT3G12920	expressed protein
23	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
24	261768_at	344	0.4	0.3	0.5	577	1.4	1.1	0.3	AT1G15550	gibberellin 3-beta-dioxygenase (gibberellin 3 beta-hydroxylase) (GA4)
25	262307_at	306	0.6	0.3	0.2	34	0.6	17.0	74.9	AT1G71000	DnaJ protein family
26	262236_at	309	0.5	0.3	0.4	238	0.8	0.5	0.2	AT1G48330	expressed protein
27	253301_at	636	0.4	0.3	0.3	340	0.4	0.3	0.8	AT4G33720	pathogenesis-related protein, putative
28	257890_s_at	283	0.8	0.3	0.2	246	1.0	0.6	0.5	AT3G42570	peroxidase-related
29	249575_at	222	0.9	0.3	0.5	55	1.1	2.7	4.2	AT5G37670	heat shock protein family
30	259528_at	213	0.6	0.3	0.4	250	1.1	1.0	0.4	AT1G12330	expressed protein

31	248657_at	2151	0.7	0.3	0.3	158	1.3	3.4	8.5	AT5G48570	peptidylprolyl isomerase
32	266820_at	1082	0.7	0.3	0.2	538	1.0	0.6	0.2	AT2G44940	AP2 domain transcription factor TINY, putative
33	254059_at	573	1.1	0.3	0.4	21	4.7	106.3	674.6	AT4G25200	mitochondrion-localized small heat shock protein
34	261226_at	1891	0.5	0.3	0.4	1196	1.1	0.3	0.3	AT1G20190	expansin, putative (EXP11)
35	254693_at	423	0.6	0.4	0.2	260	1.3	1.0	0.5	AT4G17880	bHLH protein family
36	260248_at	681	0.8	0.4	0.2	130	0.8	1.7	3.1	AT1G74310	heat shock protein 101 (HSP101)
37	255284_at	1491	0.7	0.4	0.4	2551	1.1	1.0	0.8	AT4G04610	5'-adenylylsulfate reductase
38	252965_at	894	0.4	0.4	0.6	284	1.0	0.7	0.3	AT4G38860	auxin-induced (indole-3-acetic acid induced) protein, putative
39	258930_at	73	0.8	0.4	0.6	60	0.8	1.0	0.5	AT3G10040	expressed protein
40	257506_at	117	0.6	0.4	0.8	59	0.6	0.3	0.2	AT1G29440	auxin-induced (indole-3-acetic acid induced) protein family
41	249278_at	645	0.9	0.4	0.2	323	1.1	0.8	0.5	AT5G41900	hydrolase, alpha/beta fold family
42	248839_at	359	0.5	0.4	0.2	326	1.1	0.7	0.2	AT5G46690	bHLH protein family
43	254332_at	285	0.9	0.4	0.2	270	1.1	0.9	0.4	AT4G22730	leucine-rich repeat transmembrane protein kinase, putative
44	266294_at	1771	0.8	0.4	0.4	171	1.0	2.9	6.6	AT2G29500	small heat shock protein -related
45	249383_at	380	0.7	0.4	0.3	130	1.1	0.4	0.4	AT5G39860	bHLH protein
46	247880_at	583	0.8	0.4	0.3	494	1.2	0.6	0.3	AT5G57780	expressed protein
47	261883_at	328	0.7	0.4	0.4	245	1.1	0.8	0.4	AT1G80870	protein kinase family
48	261834_at	410	0.5	0.4	0.6	325	1.1	0.7	0.4	AT1G10640	polygalacturonase, putative
49	257334_at	279	0.5	0.4	0.4	344	1.1	1.1	0.7	AtMg01370	ORF111D
50	265880_at	334	0.6	0.4	0.4	248	0.9	1.0	0.6	AT2G42300	bHLH protein family
51	245501_at	264	0.8	0.4	0.4	1278	1.1	0.7	0.6	AT4G15620	expressed protein
52	266418_at	1336	0.7	0.4	0.2	1196	1.1	0.7	0.3	AT2G38750	annexin -related
53	253736_at	550	0.7	0.4	0.3	1043	0.9	0.5	0.1	AT4G28780	GDSL-motif lipase/hydrolase protein
54	255028_at	192	0.6	0.4	0.4	325	1.2	0.9	0.4	AT4G09890	expressed protein
55	245341_at	310	0.7	0.4	0.2	300	1.0	1.0	0.5	AT4G16447	expressed protein
56	252972_at	2190	0.6	0.4	0.5	1912	0.9	0.6	0.2	AT4G38840	auxin-induced (indole-3-acetic acid induced) protein, putative
57	258552_at	657	0.7	0.4	0.5	471	0.9	0.5	0.5	AT3G07010	polysaccharide lyase family 1 (pectate lyase)
58	251174_at	881	0.7	0.4	0.4	1039	1.2	1.0	0.5	AT3G63200	patatin-related
59	264415_at	180	1.0	0.4	0.4	57	1.3	1.6	0.9	AT1G43160	AP2 domain transcription factor RAP2.6
60	262811_at	389	0.6	0.4	0.2	443	1.1	1.1	0.4	AT1G11700	expressed protein
61	251169_at	431	0.6	0.4	0.3	461	1.1	1.1	0.6	AT3G63210	senescence-associated protein SAG102
62	245750_at	4848	0.7	0.4	0.3	4214	1.0	0.8	0.5	AT1G51060	histone H2A, putative
63	249035_at	1236	0.9	0.4	0.4	212	1.2	1.2	1.2	AT5G44190	myb family transcription factor
64	261480_at	1080	0.9	0.4	0.6	201	1.0	0.8	0.5	AT1G14280	phytochrome kinase substrate 1 -related
65	253578_at	528	0.9	0.4	0.2	291	1.0	0.8	0.7	AT4G30340	expressed protein
66	264745_at	2246	0.8	0.4	0.4	2164	0.9	1.0	0.7	AT1G62180	phosphoadenylyl-sulfate reductase (thioredoxin) (PAPS reductase), putative
67	252970_at	195	0.5	0.4	0.8	93	0.8	0.4	0.2	AT4G38850	small auxin up RNA (SAUR-AC1)

68	252562_s_at	199	0.6	0.4	0.6	257	1.0	0.8	0.5	AT3G45930	histone H4
69	260830_at	2269	0.6	0.4	0.4	1809	1.1	0.9	0.9	AT1G06760	histone H1, putative
70	250734_at	975	0.7	0.4	0.2	837	1.0	0.5	0.2	AT5G06270	B-type cyclin -related
71	250968_at	444	0.7	0.4	0.4	551	1.0	0.4	0.1	AT5G02890	transferase family
72	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)
73	253317_at	439	0.5	0.4	0.4	823	1.1	0.8	0.3	AT4G33960	expressed protein
74	261975_at	664	0.9	0.4	0.3	513	0.8	0.6	0.4	AT1G64640	plastocyanin-like domain containing protein
75	246144_at	380	0.6	0.4	0.3	128	1.1	1.3	1.3	AT5G20110	dynein light chain - like protein
76	245574_at	256	0.7	0.4	0.5	149	0.8	0.8	0.6	AT4G14750	expressed protein
77	247696_at	682	0.7	0.4	0.5	440	0.9	0.7	0.4	AT5G59780	myb family transcription factor
78	249008_at	956	0.6	0.4	0.5	725	0.9	0.7	0.4	AT5G44680	expressed protein
79	247914_at	361	0.5	0.4	0.3	372	1.4	0.9	0.1	AT5G57540	xyloglucan endotransglycosylase, putative
80	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)
81	260491_at	296	0.9	0.5	0.2	148	1.3	1.4	0.7	AT1G51440	lipase (class 3) family
82	261838_at	891	0.8	0.5	0.3	318	0.9	1.1	1.4	AT1G16030	heat shock protein hsp70b
83	254119_at	3383	0.6	0.5	0.5	3461	1.0	0.7	0.3	AT4G24780	polysaccharide lyase family 1 (pectate lyase)
84	248191_at	444	0.8	0.5	0.4	239	1.1	1.3	0.9	AT5G54130	calcium-binding EF-hand family protein
85	253920_at	1474	0.7	0.5	0.5	1321	1.1	1.0	0.6	AT4G27230	histone H2A, putative
86	246149_at	1013	0.6	0.5	0.4	957	0.8	0.4	0.2	AT5G19890	peroxidase, putative
87	251924_at	1674	0.7	0.5	0.5	1905	1.0	0.8	0.5	AT3G53730	histone H4
88	251058_at	1006	0.8	0.5	0.3	795	1.0	0.9	0.3	AT5G01790	expressed protein
89	267535_at	965	0.9	0.5	0.3	677	0.9	0.8	0.5	AT2G41940	C2H2-type zinc finger protein -related
90	267361_at	343	0.6	0.5	0.8	309	1.0	1.0	0.5	AT2G39920	expressed protein
91	256626_at	332	0.7	0.5	0.5	479	1.2	0.9	0.6	AT3G20015	expressed protein
92	258919_at	682	0.7	0.5	0.6	957	1.0	1.1	0.5	AT3G10525	expressed protein
93	246997_at	192	0.6	0.5	0.7	97	1.3	0.7	0.3	AT5G67390	expressed protein
94	251060_at	594	0.6	0.5	0.3	367	1.0	0.8	0.6	AT5G01820	CBL-interacting protein kinase 14
95	246986_at	1110	0.7	0.5	0.3	1427	1.0	0.8	0.3	AT5G67280	leucine-rich repeat transmembrane protein kinase, putative
96	246483_at	455	0.6	0.5	0.4	419	0.9	0.8	0.4	AT5G16000	receptor protein kinase-related protein
97	255814_at	266	0.7	0.5	0.6	129	1.1	0.7	0.3	AT1G19900	expressed protein
98	261420_at	1619	1.0	0.5	0.3	1035	1.0	0.8	0.7	AT1G07720	beta-ketoacyl-CoA synthase family
99	261502_at	375	0.8	0.5	0.6	236	1.1	0.9	0.6	AT1G14440	expressed protein
100	260753_at	442	0.6	0.5	0.4	241	1.1	1.0	0.6	AT1G49230	RING-H2 finger protein RHA3a -related
101	252272_at	1935	0.8	0.5	0.3	1059	0.9	0.6	0.4	AT3G49670	leucine-rich repeat transmembrane protein kinase, putative
102	245078_at	442	0.8	0.5	0.3	699	0.9	1.1	0.7	AT2G23340	AP2 domain transcription factor, putative
103	248646_at	611	0.6	0.5	0.5	553	1.1	0.7	0.4	AT5G49100	expressed protein
104	251025_at	333	0.6	0.5	0.3	169	1.1	0.7	0.4	AT5G02190	expressed protein

105	257294_at	714	0.5	0.5	1.0	700	1.1	0.9	0.4	AT3G15570	non-phototropic hypocotyl protein -related
106	249410_at	512	0.8	0.5	0.4	388	0.9	0.6	0.4	AT5G40380	receptor-related protein kinase
107	261684_at	2113	0.7	0.5	0.2	4000	1.2	0.5	0.2	AT1G47400	hypothetical protein
108	260081_at	2231	1.0	0.5	0.1	886	0.8	0.6	0.3	AT1G78170	expressed protein
109	247461_at	238	1.0	0.5	0.4	149	1.2	0.9	0.5	AT5G62100	BAG domain containing protein
110	245965_at	462	0.7	0.5	0.5	426	1.2	0.8	0.4	AT5G19730	pectinesterase family
111	263914_at	422	0.8	0.5	0.4	156	1.2	1.1	1.4	AT2G36400	transcription activator (GRL3)
112	259348_at	307	0.7	0.5	0.5	734	1.1	0.9	0.4	AT3G03770	leucine-rich repeat transmembrane protein kinase, putative
113	246911_at	435	0.7	0.5	0.3	481	1.1	0.8	0.5	AT5G25810	AP2 domain transcription factor TINY
114	264348_at	2645	0.6	0.5	0.5	3724	0.9	0.7	0.5	AT1G12110	putative NPK1-related protein kinase 2
115	263715_at	1121	0.7	0.5	0.5	930	0.9	1.0	0.8	AT2G20570	golden2-related transcription factor (GLK1)
116	250569_at	1099	1.1	0.5	0.4	541	1.0	0.9	0.7	AT5G08130	bHLH protein family
117	248175_at	969	0.6	0.5	0.4	686	1.2	1.1	1.9	AT5G54640	histone H2A

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.