

**Table 1. 305\_1hr\_increase**

	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	265892_at	70	29.9	3.8	2.3	32	5.0	0.9	3.7	AT2G15020	expressed protein
2	260023_at	83	10.6	28.2	15.1	102	1.5	1.5	4.0	AT1G30040	gibberellin 2-oxidase (GA2-oxidase) (ga2ox2)
3	245306_at	2489	7.8	7.8	5.2	444	1.5	3.8	5.4	AT4G14690	expressed protein
4	266832_at	89	7.2	8.8	6.5	114	1.3	1.9	2.8	AT2G30040	protein kinase family
5	260522_x_at	164	6.9	47.7	47.2	157	0.8	4.5	43.9	AT2G41730	expressed protein
6	248347_at	275	6.5	9.3	4.6	118	1.0	1.4	2.5	AT5G52250	transducin / WD-40 repeat protein family
7	257595_at	33	6.1	4.9	1.4	52	0.6	0.5	0.4	AT3G24750	hypothetical protein
8	245560_at	282	6.1	5.1	1.7	53	1.9	2.7	3.7	AT4G15480	UDP-glycosyltransferase family
9	265197_at	125	6.1	7.9	4.5	113	1.3	2.5	3.7	AT2G36750	UDP-glycosyltransferase family
10	257262_at	331	5.9	5.8	3.2	140	0.8	0.7	1.2	AT3G21890	CONSTANS B-box zinc finger family protein
11	264042_at	163	5.4	30.3	25.7	157	0.8	5.8	36.7	AT2G03760	steroid sulfotransferase, putative
12	265200_s_at	139	4.7	13.3	11.6	144	1.4	2.6	5.6	AT2G36790	glucosyl transferase -related
13	250007_at	79	4.7	4.3	4.8	57	3.2	2.7	2.6	AT5G18670	glycosyl hydrolase family 14 (beta-amylase)
14	258321_at	3369	4.5	3.8	2.6	466	1.1	4.7	7.3	AT3G22840	early light-induced protein
15	249769_at	1482	4.3	2.9	1.6	291	0.9	1.4	3.1	AT5G24120	sigma-related factor (emb CAA77213.1)
16	250781_at	458	4.3	4.5	2.6	228	1.0	1.6	6.6	AT5G05410	DRE binding protein (DREB2A)
17	265668_at	140	4.3	14.8	15.4	127	1.1	1.3	7.9	AT2G32020	GCN5-related N-acetyltransferase (GNAT) family
18	261192_at	278	4.2	7.7	4.7	210	1.0	2.2	10.2	AT1G32870	NAM protein -related
19	251605_at	170	4.2	3.6	1.5	159	1.2	0.8	0.4	AT3G57830	leucine-rich repeat transmembrane protein kinase, putative
20	247655_at	274	4.2	12.2	13.1	203	1.2	2.2	7.6	AT5G59820	zinc finger protein Zat12
21	260784_at	415	4.1	2.9	0.9	274	1.0	1.1	1.0	AT1G06180	myb family transcription factor
22	246523_at	478	3.9	2.1	1.1	245	1.0	1.4	1.6	AT5G15850	Zinc finger protein CONSTANS-LIKE 1 (COL1)
23	255881_at	274	3.8	4.0	1.6	247	1.1	0.9	0.8	AT1G67070	phosphomannose isomerase -related
24	259076_at	61	3.7	3.8	2.6	129	0.7	0.8	1.3	AT3G02140	expressed protein
25	249677_at	3981	3.6	2.3	1.4	545	1.0	1.9	3.7	AT5G35970	DNA helicase-related
26	263122_at	1024	3.6	2.6	1.4	429	1.1	1.4	1.4	AT1G78510	geranyl diphosphate synthase (GPPS)(dimethylallyltransferase), putative
27	254459_at	283	3.6	2.3	1.2	62	1.0	0.7	3.3	AT4G21200	gibberellin 20-oxidase family
28	248596_at	185	3.5	3.4	0.7	495	1.1	1.4	0.5	AT5G49330	myb family transcription factor
29	253496_at	1307	3.5	3.0	2.0	425	1.7	3.0	2.9	AT4G31870	glutathione peroxidase, putative
30	259964_at	218	3.5	2.4	1.2	168	1.2	0.6	0.6	AT1G53680	glutathione transferase, putative
31	248207_at	1185	3.4	2.6	1.4	360	1.0	1.8	2.5	AT5G53970	aminotransferase, putative

32	249191_at	706	3.4	3.6	2.1	962	1.0	0.7	0.4	AT5G42760	expressed protein
33	251137_at	230	3.3	3.5	2.4	110	1.2	1.6	2.6	AT5G01300	expressed protein
34	260727_at	273	3.2	2.6	1.1	127	1.1	0.9	0.5	AT1G48100	polygalacturonase, putative
35	257840_at	84	3.1	14.2	16.0	118	0.9	1.1	5.4	AT3G25250	protein kinase family
36	257081_at	149	3.0	3.8	2.7	184	1.3	1.0	0.9	AT3G30460	C3HC4-type zinc finger protein family
37	248668_at	162	3.0	2.8	2.1	151	1.5	3.2	5.7	AT5G48720	hypothetical protein
38	267066_at	445	2.9	2.4	1.4	190	1.3	2.5	3.3	AT2G41040	expressed protein
39	261958_at	375	2.9	2.4	1.5	176	1.2	1.4	1.2	AT1G64500	peptide transporter -related
40	258188_at	4694	2.9	2.0	1.4	997	1.1	1.7	3.3	AT3G17800	expressed protein
41	262626_at	2275	2.9	2.1	1.1	909	1.1	2.3	2.5	AT1G06430	FtsH protease, putative
42	251727_at	3860	2.8	1.8	1.0	1282	1.0	0.9	1.0	AT3G56290	expressed protein
43	246584_at	177	2.8	9.5	8.0	180	0.8	1.0	2.8	AT5G14730	expressed protein
44	258742_at	824	2.8	2.2	1.0	316	0.9	0.7	1.5	AT3G05800	bHLH protein
45	262705_at	339	2.7	3.0	2.2	284	0.7	0.8	1.5	AT1G16260	wall-associated kinase -related
46	246468_at	1946	2.7	2.9	1.4	1043	1.3	1.7	1.7	AT5G17050	glycosyltransferase family
47	249798_at	1433	2.6	2.5	1.2	175	1.1	2.1	2.1	AT5G23730	transducin / WD-40 repeat protein family
48	253922_at	3454	2.6	2.2	1.2	3995	1.2	0.9	0.5	AT4G26850	expressed protein
49	250049_at	492	2.6	2.4	1.3	193	0.9	1.7	2.4	AT5G17780	hydrolase, alpha/beta fold family
50	252131_at	98	2.6	41.3	42.0	109	0.7	1.9	31.4	AT3G50930	AAA-type ATPase family
51	251020_at	2743	2.5	2.0	0.8	1263	1.0	1.3	1.7	AT5G02270	ABC transporter family protein
52	264460_at	329	2.5	8.9	5.5	352	0.9	1.7	6.3	AT1G10170	expressed protein
53	249063_at	3115	2.5	1.8	0.7	1044	1.0	1.1	1.0	AT5G44110	ABC transporter family protein
54	256816_at	275	2.5	2.0	1.1	257	1.1	1.7	2.1	AT3G21400	expressed protein
55	257916_at	459	2.4	2.0	1.1	329	1.1	0.9	0.9	AT3G23210	bHLH protein
56	251259_at	382	2.4	4.9	3.4	296	1.1	1.4	5.8	AT3G62260	protein phosphatase 2C (PP2C), putative
57	261663_at	1233	2.4	1.3	0.9	247	0.7	0.9	1.4	AT1G18330	myb family transcription factor
58	261648_at	217	2.4	21.5	34.1	159	1.2	2.1	13.0	AT1G27730	salt-tolerance zinc finger protein
59	250420_at	460	2.4	2.1	1.2	234	1.0	1.4	1.8	AT5G11260	bZIP protein HY5
60	246481_s_at	2567	2.4	1.7	0.9	3765	1.1	0.9	0.7	AT5G15960	stress-induced protein KIN1
61	258349_at	775	2.4	2.6	2.1	234	0.9	1.2	3.0	AT3G17610	bZIP family transcription factor
62	264436_at	1457	2.4	2.0	0.8	909	1.1	2.0	2.2	AT1G10370	glutathione transferase, putative
63	258167_at	4155	2.3	1.9	0.7	2252	1.2	1.5	1.5	AT3G21560	UDP-glucosyltransferase, putative
64	251725_at	175	2.3	2.0	0.6	202	1.2	1.1	1.3	AT3G56260	expressed protein
65	254318_at	183	2.3	2.8	1.6	123	1.1	1.2	3.7	AT4G22530	expressed protein
66	247946_at	1211	2.3	1.2	0.7	635	1.0	1.4	0.9	AT5G57180	CIA2 (CIA2)
67	245936_at	758	2.3	2.2	1.4	532	1.0	1.2	1.6	AT5G19850	hydrolase, alpha/beta fold family
68	266097_at	2746	2.3	2.4	2.2	1190	1.3	1.8	4.0	AT2G37970	expressed protein

69	258315_at	240	2.3	2.1	1.7	149	0.9	0.7	0.5	AT3G16175	thioesterase-related
70	260137_at	2072	2.3	1.7	1.3	713	1.2	1.2	1.4	AT1G66330	expressed protein
71	256762_at	89	2.3	4.2	1.9	76	1.1	1.3	3.9	AT3G25655	expressed protein
72	246966_at	403	2.3	2.2	0.9	207	1.0	1.9	2.0	AT5G24850	DNA photolyase - like protein
73	259970_at	1404	2.3	2.0	1.3	752	1.1	1.1	1.1	AT1G76570	light-harvesting chlorophyll a/b binding protein
74	263128_at	2369	2.2	2.0	1.5	641	1.0	1.7	5.2	AT1G78600	CONSTANS B-box zinc finger family protein
75	253061_at	115	2.2	4.7	7.3	191	0.9	1.6	1.3	AT4G37610	expressed protein
76	266778_at	296	2.2	2.1	1.1	197	1.0	1.2	0.6	AT2G29090	cytochrome p450 family
77	252010_at	741	2.2	2.2	1.6	534	1.1	1.1	1.2	AT3G52740	expressed protein
78	254020_at	3296	2.2	1.9	1.2	2886	1.1	0.8	0.5	AT4G25700	beta-carotene hydroxylase
79	248537_at	736	2.2	1.8	1.3	288	1.2	1.9	2.5	AT5G50100	expressed protein
80	257746_at	802	2.2	1.9	1.0	646	1.3	1.5	1.1	AT3G29200	chorismate mutase, chloroplast (CM1)
81	245277_at	667	2.2	2.8	3.0	415	1.1	1.6	2.2	AT4G15550	UDP-glucose:indole-3-acetate beta-D-glucosyltransferase (iaglu)
82	249918_at	1476	2.1	4.0	5.7	890	1.0	2.0	6.6	AT5G19240	expressed protein
83	263490_at	312	2.1	2.1	1.8	226	1.3	1.4	1.4	AT2G42620	F-box protein (ORE9) (FBL7)
84	254874_at	1967	2.1	2.0	1.7	929	1.2	1.6	2.5	AT4G11570	haloacid dehalogenase-like hydrolase family
85	264752_at	181	2.1	1.8	0.7	105	1.1	1.4	1.9	AT1G23010	multicopper oxidase, type 1 family
86	264264_at	318	2.1	2.3	1.8	266	1.0	0.7	0.8	AT1G09250	bHLH protein
87	249777_at	197	2.1	6.5	9.3	215	1.0	1.6	8.3	AT5G24210	lipase (class 3) family
88	246987_at	1101	2.0	2.0	1.4	905	1.1	1.4	2.5	AT5G67300	myb family transcription factor
89	253263_at	718	2.0	1.3	0.7	445	1.3	1.1	1.3	AT4G34000	abscisic acid responsive elements-binding factor(ABF3)
90	247351_at	1258	2.0	3.6	3.4	1139	1.1	1.4	2.2	AT5G63790	No apical meristem (NAM) protein family
91	248049_at	484	2.0	1.8	1.0	298	1.4	2.7	3.7	AT5G56090	expressed protein
92	245329_at	394	2.0	5.6	6.0	375	0.9	1.3	11.6	AT4G14365	expressed protein
93	251200_at	303	2.0	2.4	1.5	312	0.9	1.8	3.1	AT3G63010	expressed protein
94	265634_at	364	2.0	1.8	1.1	261	1.3	1.7	1.8	AT2G25530	expressed protein
95	261064_at	697	2.0	1.8	1.3	578	1.0	1.5	2.6	AT1G07510	expressed protein
96	264102_at	1582	2.0	1.7	0.8	423	1.4	2.1	3.4	AT1G79270	expressed protein
97	259979_at	304	2.0	10.6	12.6	344	1.0	0.9	2.8	AT1G76600	expressed protein
98	246272_at	1021	2.0	2.3	1.6	353	1.0	1.5	3.1	AT4G37150	hydrolase, alpha/beta fold family
99	262473_at	4588	2.0	1.8	1.3	3166	1.0	1.1	1.1	AT1G50250	chloroplast FtsH protease
100	265499_at	237	2.0	3.6	2.9	161	0.8	1.5	6.6	AT2G15480	glucosyltransferase -related
101	258094_at	2025	2.0	1.8	1.3	1160	1.0	1.4	1.4	AT3G14690	cytochrome P450, putative
102	255793_at	994	2.0	1.6	1.2	384	1.3	1.5	1.0	AT2G33250	expressed protein
103	261607_at	1083	2.0	1.7	1.3	1210	1.1	1.3	1.0	AT1G49660	expressed protein
104	266555_at	326	2.0	1.9	1.5	95	1.1	1.4	4.2	AT2G46270	G-box binding bZIP transcription factor
105	256819_at	688	2.0	2.0	1.3	559	0.9	1.0	0.9	AT3G21390	mitochondrial carrier protein family

106	262526_at	1253	2.0	1.9	1.3	864	1.0	1.0	0.9	AT1G17050	geranyl diphosphate synthase (GPPS)(dimethylallyltransferase), putative
107	245895_at	435	2.0	1.8	0.9	289	1.1	1.3	1.2	AT5G09230	SIR2-family protein
108	250926_at	1429	2.0	1.7	1.3	1123	1.1	0.9	0.8	AT5G03555	expressed protein
109	249140_at	584	2.0	2.4	1.4	496	1.0	1.2	1.8	AT5G43190	F-box protein family, AtFBX6
110	259226_at	1155	2.0	1.8	1.1	633	1.0	1.4	1.8	AT3G07700	expressed protein
111	262634_at	1110	1.9	1.7	1.1	1012	1.2	1.2	0.8	AT1G06690	aldo/keto reductase family
112	261319_at	620	1.9	2.1	1.6	498	1.3	1.3	1.0	AT1G53090	WD-40 repeat protein family
113	249983_at	429	1.9	4.0	4.3	297	0.9	2.1	8.5	AT5G18470	expressed protein
114	266257_at	948	1.9	1.8	1.0	957	1.0	1.3	1.2	AT2G27820	prephenate dehydratase family
115	247214_at	1416	1.9	1.8	1.1	436	1.3	1.0	0.8	AT5G64850	expressed protein
116	256066_at	200	1.9	1.6	1.0	198	0.7	0.8	0.4	AT1G06980	expressed protein
117	253039_at	3510	1.9	1.4	0.8	1154	1.1	1.6	2.0	AT4G37760	squalene monooxygenase (squalene epoxidase) (SE), putative
118	258696_at	746	1.9	1.6	1.0	527	1.0	1.4	1.0	AT3G09650	pentatricopeptide (PPR) repeat-containing protein
119	259479_at	326	1.9	12.4	20.9	235	0.7	1.2	20.6	AT1G19020	expressed protein
120	256097_at	225	1.9	1.8	1.0	223	0.8	0.7	0.6	AT1G13670	expressed protein
121	255594_at	841	1.8	2.0	1.3	524	1.0	1.5	2.6	AT4G01660	ABC transporter -related
122	261376_at	1454	1.8	1.5	0.9	989	1.1	1.6	2.0	AT1G18660	RING finger protein family
123	257176_s_at	1486	1.8	1.6	0.6	764	0.9	1.2	1.8	AT3G23510	cyclopropane-fatty-acyl-phospholipid synthase -related
124	260803_at	587	1.8	2.3	1.0	589	1.0	1.2	2.5	AT1G78340	glutathione transferase, putative
125	262635_at	1045	1.8	1.8	1.9	334	1.0	1.5	2.7	AT1G06570	4-hydroxyphenylpyruvate dioxygenase (HPD)
126	254759_at	1387	1.8	2.9	1.6	799	1.1	1.2	3.2	AT4G13180	short-chain dehydrogenase/reductase family protein
127	256894_at	676	1.8	2.0	1.7	909	1.0	0.8	0.3	AT3G21870	cyclin family
128	264655_at	2051	1.7	3.1	3.8	1567	1.1	1.2	3.4	AT1G09070	C2 domain-containing protein
129	259875_s_at	2152	1.7	3.2	3.1	2290	1.1	1.4	2.0	AT1G76690	12-oxophytodienoate reductase (OPR2)
130	262786_at	531	1.7	1.3	1.2	389	0.9	0.9	1.0	AT1G10740	lipase -related
131	257212_at	795	1.7	1.4	0.9	589	1.0	1.4	1.5	AT3G15090	oxidoreductase, zinc-binding dehydrogenase family
132	257932_at	865	1.7	1.4	1.1	405	1.3	1.3	1.4	AT3G17040	tetratricopeptide repeat (TPR)-containing protein
133	260878_at	428	1.7	1.9	1.6	280	1.0	1.3	3.0	AT1G21450	scarecrow-like transcription factor 1 (SCL1)
134	257253_at	3384	1.7	1.4	1.0	2640	1.0	1.3	1.0	AT3G24190	expressed protein
135	249148_at	2825	1.7	1.9	1.5	2009	1.1	1.1	1.3	AT5G43260	expressed protein
136	247013_at	589	1.6	1.3	0.9	1208	0.9	1.4	1.2	AT5G67480	expressed protein
137	267138_s_at	5039	1.6	1.6	1.0	5265	1.0	1.0	0.6	AT2G38210	SOR1 from the fungus <i>Cercospora nicotianae</i> -related
138	263556_at	750	1.6	1.2	0.9	394	1.2	1.4	1.8	AT2G16350	expressed protein
139	258401_at	865	1.6	1.8	1.2	758	1.0	1.2	3.0	AT3G15430	expressed protein
140	246954_at	2787	1.6	1.6	1.1	1902	1.1	1.3	1.7	AT5G04830	expressed protein
141	258609_at	1712	1.6	1.2	0.9	1717	1.0	1.1	0.7	AT3G02910	expressed protein

<b>142</b>	262832_s_at	2755	1.5	1.9	2.1	2304	1.0	0.9	2.4	AT1G14870	expressed protein
<b>143</b>	251091_at	6977	1.5	1.3	1.1	5743	1.0	1.2	1.1	AT5G01410	pyridoxine biosynthesis protein - like
<b>144</b>	259965_at	6732	1.5	1.5	1.2	2910	1.4	1.7	1.9	AT1G53670	transcriptional regulator -related
<b>145</b>	259461_at	432	1.4	1.7	1.0	304	1.1	1.4	3.0	AT1G18900	pentatricopeptide (PPR) repeat-containing protein

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