

**Supplemental Table I. MYB112-dependent up-regulated genes.**

AGI Code	Annotation	<i>MYB112-IOE</i> ; log <sub>2</sub> (EST-mock)					BS
		ATH1			qRT-PCR		
		3 h_1	5 h_1	5 h_2	5 h	SD	
AT1G48000	MYB112	8.20	10.17	10.03	9.58	0.12	
AT2G16720	<b>MYB7</b>	2.17	2.84	1.10	1.88	0.02	1
AT4G34990	<b>MYB32</b>	0.76	2.34	3.24	2.52	0.63	2
AT4G09460	<b>MYB6</b>	0.26	1.10	1.55	1.54	0.16	3
AT3G21560	UGT84A2	0.91	1.30	1.45	1.61	0.17	0
AT1G22360	AtUGT85A2	0.47	1.87	1.87	1.49	0.15	0
AT4G19460	UDP-glycosyltransferase protein	0.07	1.48	1.23	2.15	0.33	2
AT2G35060	KUP11	0.68	1.54	1.33	1.37	0.25	0
AT1G66090	Disease resistance protein	-0.39	2.25	1.06	1.19	0.15	1
AT1G29230	CIPK18	0.00	2.04	2.18	4.19	0.31	3
AT1G54890	LEA protein-related	0.50	1.91	2.73	4.91	1.30	2
AT3G51300	ARAC11	-0.04	1.69	1.40	2.21	0.05	3
AT2G25530	AFG1-like ATPase family protein	0.00	1.37	2.11	1.16	0.13	2
AT4G24380	Serine hydrolase	0.05	1.57	1.38	1.94	0.31	1
AT5G44910	Toll-Interleukin-Resistance protein	0.28	1.03	1.91	2.77	0.44	1
AT2G29340	NAD-dependent epimerase/dehydratase	0.27	1.20	1.06	1.45	0.35	2
AT4G20460	NAD-dependent epimerase/dehydratase	0.50	1.77	2.02	1.98	0.38	0
AT5G52810	NAD(P)-binding Rossmann-fold protein	0.51	1.45	2.00	2.07	0.26	0
AT3G18250	Putative membrane lipoprotein	0.51	2.77	3.86	2.08	0.67	1
AT4G38950	Kinesin motor family protein	0.00	4.14	3.48	2.55	0.47	0
AT5G19875	Unknown protein	0.28	2.00	2.50	2.20	0.18	1
AT5G38320	Unknown protein	0.00	3.12	4.88	1.88	0.13	0
AT3G14060	Unknown protein	0.02	1.50	2.00	1.19	0.15	0
AT1G71830	SERK1	0.03	1.01	1.05	0.48	0.66	0
AT1G69870	NRT1.7	0.25	1.43	1.48	0.47	0.03	1
AT1G12010	2-oxoglutarate Fe(II)-dependent oxygenase	0.00	1.00	1.08	0.40	0.26	1
AT4G27657	Unknown protein	0.00	1.61	1.16	0.49	0.81	0
AT3G18560	Unknown protein	-0.02	1.48	1.09	0.53	0.52	3
AT5G58790	Unknown protein	0.42	1.14	1.33	0.60	0.01	0

Change in expression of genes after 3 h (one replicate) and 5 h (two replicates) of *MYB112* induction in EST-treated *MYB112-IOE* seedlings as measured by microarray expression profiling (ATH1) and qRT-PCR. Data are shown as log<sub>2</sub> values normalised to mock-treated control plants. Right column (“BS”) shows the number of MYB112 binding sites within the 1-kb promoter regions. SD, standard deviation.