

Additional File 6

RT-qPCR analysis of sixteen genes identified by PtGen2 as being either highly differentially expressed or as moderately expressed transcription factors.

<u>Gene ID</u>	<u>Uniscript</u>	<u>Putative Function</u>	<u>Accession</u>	<u>Microarray</u>	<u>RT-qPCR</u>
10.2.21.6	2_3931	chitinase	XP_002275386.1	12.1	2244
11.2.16.23	2_10347	metallothionein	AAT45001.1	11.8	157
1.3.16.12	2_5201	dehydrin	ACA51879.1	9.2	2969
4.1.22.8	2_8298	NBS/LRR	AAM28916.1	9.1	655
3.2.8.7	2_6459	DREB1	ABJ09421.1	2.3	3
7.2.16.23	2_8048	basic leucine zipper protein	XP_002263159.1	2	2
1.2.19.22	2_8167	ERF3	NP_175479.1	1.9	69
10.1.13.7	0_5245	P-type R2R3 Myb	AAB58314.1	1.8	393
11.3.19.9	2_8497	RING-H2 finger protein	EEF41575.1	1.6	17
5.2.15.14	2_3847	hydroxyproline-rich glycoprotein	NP_001064306.1	-8.1	-1.4
2.1.7.11	0_12961	terpinolene synthase	Q9M7D0	-6.1	-95
11.3.19.21	2_32	pinene synthase	AAO61228.1	-5.8	-98
7.3.19.20	2_2267	O-diphenol-O-methyl transferase	NP_190882.1	-5.7	-0.5
12.1.21.9	2_2508	class III HD-Zip	ABG73246.1	-2	-1
1.2.18.1	2_9495	WRKY	EEF31086.1	-1.5	-1.2
11.4.5.8	0_14551	ring finger protein	EEF51968.1	-1.6	-4.7

