

Supplemental Table 3. Prominent upregulated genes both in steroid-inducible *MKK3DD* and *MKK4DD* plants.

AGI number <sup>c</sup>	Discription <sup>d</sup>	Experiment 1 <sup>a</sup> (Transgenic line 5)		Experiment 2 (Transgenic line 3)		Experiment 1 <sup>b</sup> (Transgenic line 7)		Experiment 2 (Transgenic line 2)	
		Fold change <sup>e</sup>	P value <sup>f</sup>	Fold change <sup>e</sup>	P value <sup>f</sup>	Fold change <sup>e</sup>	P value <sup>f</sup>	Fold change <sup>e</sup>	P value <sup>f</sup>
At4g23600	tyrosine transaminase like protein	3.2	9.5E-19	8.7	3.43E-28	2.8	2.1E-15	5.1	1.7E-23
At5g07550	glycine-rich protein GRP19	11.3	7.5E-28	14.1	2.75E-23	5.7	6.7E-18	9.5	2.5E-10
At1g05680	putative indole-3-acetate beta-glucosyltransferase			12.7	3.49E-31	8.8	5.9E-29	6.4	1.3E-26
At5g07530	glycine-rich protein GRP17	9.1	1.5E-25	21.6	1.92E-32	21.5	1.2E-32	14.9	9.0E-31
At5g24780	vegetative storage protein Vsp1	14.4	1.6E-31	6.8	1.19E-26	6.9	1.3E-26	3.1	3.9E-17
At5g27420	RING-H2 zinc finger protein-like	6.6	3.3E-25			12.1	9.5E-30	4.5	2.6E-18
At5g37260	putative protein	2.2	1.0E-10	10.2	2.60E-29			9.5	1.4E-29
At5g61160	anthocyanin 5-aromatic acyltransferase - like protein	3.7	4.1E-19	7.6	2.10E-26	11.7	1.4E-29	8.9	1.0E-28
At1g66850	lipid transfer protein, putative	7.4	8.6E-28	9.0	1.64E-27	5.6	1.7E-24	4.3	3.2E-20
At5g60100	pseudo-response regulator - like	1.6	1.3E-03	5.4	1.85E-23	2	1.0E-06	7.3	1.5E-26
At4g30650	low temperature and salt responsive protein homolog	5.3	3.0E-23	5.0	1.80E-22	2.2	8.0E-09	5.2	1.6E-23
At5g15970	cold-regulated protein COR6.6 (KIN2)	12.2	1.0E-30	7.4	3.42E-27	3.8	8.0E-20	6.9	1.1E-26
At5g23240	putative protein			6.7	4.62E-26	1.6	8.0E-05	5.6	2.5E-23
At1g07050	expressed protein	3.1	3.5E-12	12.7	3.79E-30			11.3	3.3E-29
At2g42530	cold-regulated protein cor15b precursor	2.3	1.4E-06	7.5	3.98E-27	2.7	3.6E-09	8.7	2.1E-27
At4g34950	putative protein	5.9	7.1E-25	6.3	9.16E-25	1.7	9.8E-06	5.1	5.7E-24
At5g42900	putative protein	1.4	1.5E-04	6.9	2.69E-27			5.8	5.7E-26

<sup>a</sup> Upregulated genes in DEX-inducible *MKK3DD* transgenic plants (*MKK3DD/Cont.*).

<sup>b</sup> Upregulated genes in DEX-inducible *MKK4DD* transgenic plants (*MKK4DD/Cont.*).

<sup>c</sup> AGI, Arabidopsis Genome Initiative.

<sup>d</sup> Description as given by The Institute for Genomic Research database.

<sup>e</sup> Median of fold change

<sup>f</sup> corrected-P values < 0.05 were studied.