

Table S2. UV-B-repressed genes in Col wild type and/or genes misexpressed in *pif4-101 pif5-3* in white light grown plants (lists corresponding to Figure 2E).

Description

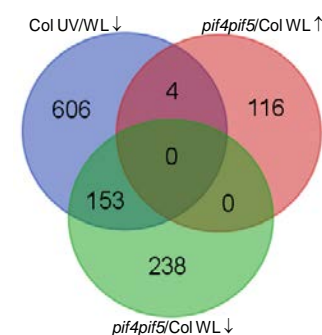
[Col UV/WL Down and *pif45* /Col WL Down: 153 genes](#)

[Col UV/WL Down and *pif45* /Col WL Up: 4 genes](#)

[pif45 /Col WL Down: 238 genes](#)

[pif45 /Col WL Up: 116 genes](#)

[Col UV/WL Down: 606 genes](#)



Col UV/WL Down and <i>pif45</i> /Col WL Down			Col UV/WL			<i>pif45</i> /Col WL		
AGI	gene	description	Col_UV/WL_FC	pvalue	pvalue_with_FDR	<i>pif45</i> /Col_WL_FC	pvalue	pvalue_with_FDR
AT1G15405	<i>AT1G15405</i>		-51.7	2.9E-05	2.5E-04	-46.6	3.3E-05	1.5E-03
AT5G37940	<i>AT5G37940</i>	Zinc-binding dehydrogenase family protein	-50.3	3.1E-04	1.8E-03	-14.3	1.1E-03	1.7E-02
ATCG00700	<i>PSBN</i>	photosystem II reaction center protein N	-26.2	2.5E-04	1.5E-03	-13.9	6.5E-04	1.2E-02
AT4G10160	<i>AT4G10160</i>	RING/U-box superfamily protein	-25.9	1.4E-06	1.9E-05	-16.5	3.5E-06	3.3E-04
AT5G66260	<i>AT5G66260</i>	SAUR-like auxin-responsive protein family	-25.2	4.3E-08	9.3E-07	-8.9	1.0E-06	1.4E-04
AT2G31141	<i>AT2G31141</i>	hypothetical protein	-19.8	8.5E-05	6.1E-04	-17.0	1.2E-04	3.5E-03
AT4G37770	<i>ACS8</i>	1-amino-cyclopropane-1-carboxylate synthase 8	-14.6	5.2E-05	4.1E-04	-9.8	1.4E-04	3.9E-03
AT1G28450	<i>AGL58</i>	AGAMOUS-like 58	-13.0	1.3E-04	8.7E-04	-5.1	1.4E-03	1.9E-02
AT4G13790	<i>AT4G13790</i>	SAUR-like auxin-responsive protein family	-11.9	9.7E-03	3.2E-02	-44.5	2.0E-03	2.5E-02
AT5G37300	<i>WSD1</i>	O-acyltransferase (WSD1-like) family protein	-11.7	2.9E-05	2.5E-04	-15.5	1.0E-05	6.9E-04
AT5G44440	<i>AT5G44440</i>	FAD-binding Berberine family protein	-11.6	1.8E-07	3.1E-06	-12.3	1.2E-07	3.0E-05
ATCG00210	<i>YCF6</i>	electron transporter, transferring electrons within cytochrome b6/f complex of photosystem II	-9.9	1.3E-03	5.9E-03	-6.2	4.0E-03	4.0E-02
ATMG01380	<i>RRN5</i>		-9.7	4.0E-04	2.3E-03	-27.3	2.1E-05	1.1E-03
AT3G23635	<i>RTFL13</i>	ROTUNDIFOLIA like 13	-9.7	4.6E-06	5.3E-05	-6.5	2.0E-05	1.1E-03
AT3G43400	<i>AT3G43400</i>	ELMO/CED-12 family protein	-8.8	1.4E-02	4.3E-02	-32.7	2.2E-03	2.7E-02
AT2G01010	<i>AT2G01010</i>		-8.7	9.5E-04	4.7E-03	-7.2	1.6E-03	2.2E-02
AT3G14370	<i>WAG2</i>	Protein kinase superfamily protein	-8.5	1.1E-10	5.4E-09	-3.8	2.6E-07	5.2E-05
AT5G07010	<i>ST2A</i>	sulfotransferase 2A	-7.8	2.6E-06	3.3E-05	-12.5	1.6E-07	3.7E-05
AT1G52830	<i>IAA6</i>	indole-3-acetic acid 6	-7.8	4.5E-06	5.2E-05	-14.9	1.4E-07	3.4E-05
AT1G80740	<i>CMT1</i>	chromomethylase 1	-7.8	1.8E-05	1.6E-04	-8.6	8.3E-06	6.1E-04
AT5G37950	<i>AT5G37950</i>	UDP-Glycosyltransferase superfamily protein	-7.5	3.6E-09	1.1E-07	-13.7	5.4E-11	3.1E-07
ATCG01210	<i>RRN16S.2</i>		-7.2	3.5E-03	1.4E-02	-7.6	2.8E-03	3.2E-02
AT4G25420	<i>GA20OX1</i>	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein	-7.1	6.1E-08	1.2E-06	-5.0	8.7E-07	1.3E-04
AT3G41768	<i>AT3G41768</i>		-6.6	5.1E-03	1.9E-02	-7.6	3.1E-03	3.4E-02
AT2G23170	<i>GH3.3</i>	Auxin-responsive GH3 family protein	-6.6	2.0E-07	3.5E-06	-2.7	4.5E-04	9.1E-03
AT4G27460	<i>CBSX5</i>	Cystathionine beta-synthase (CBS) family protein	-6.4	4.9E-06	5.5E-05	-2.8	2.3E-03	2.8E-02
AT1G18835	<i>MIF3</i>	mini zinc finger	-6.4	8.3E-05	6.0E-04	-4.8	2.6E-04	6.3E-03
AT2G01770	<i>VIT1</i>	vacuolar iron transporter 1	-6.2	5.4E-03	2.0E-02	-6.7	3.7E-03	3.8E-02
AT3G13900	<i>AT3G13900</i>	ATPase E1-E2 type family protein / haloacid dehalogenase-like hydrolase family protein	-6.0	4.1E-08	8.9E-07	-4.5	3.4E-07	6.2E-05
AT1G67265	<i>RTFL21</i>	ROTUNDIFOLIA like 21	-5.8	9.8E-06	9.9E-05	-3.2	5.6E-04	1.1E-02
AT3G02670	<i>AT3G02670</i>	Glycine-rich protein family	-5.8	8.4E-09	2.3E-07	-9.3	1.2E-10	3.1E-07
AT1G73220	<i>NA</i>	organic cation/carnitine transporter1	-5.7	5.5E-06	6.0E-05	-2.8	1.1E-03	1.7E-02
AT5G22500	<i>FAR1</i>	fatty acid reductase 1	-5.7	1.1E-05	1.1E-04	-8.9	4.7E-07	7.9E-05
AT3G15540	<i>IAA19</i>	indole-3-acetic acid inducible 19	-5.6	8.2E-07	1.2E-05	-9.3	1.5E-08	9.0E-06
AT5G12940	<i>AT5G12940</i>	Leucine-rich repeat (LRR) family protein	-5.6	2.5E-08	5.9E-07	-3.4	5.9E-06	4.9E-04
AT5G51210	<i>OLEO3</i>	oleosin3	-5.5	7.6E-05	5.6E-04	-6.4	2.9E-05	1.4E-03
AT4G10020	<i>HSD5</i>	hydroxysteroid dehydrogenase 5	-5.5	4.3E-05	3.5E-04	-6.0	2.2E-05	1.1E-03
AT1G17810	<i>BETA-TIP</i>	beta-tonoplast intrinsic protein	-5.5	2.2E-05	1.9E-04	-3.1	1.3E-03	1.9E-02
AT1G53690	<i>AT1G53690</i>	DNA directed RNA polymerase, 7 kDa subunit	-5.3	3.6E-08	7.9E-07	-3.4	2.6E-06	2.8E-04
AT1G04180	<i>YUC9</i>	YUCCA 9	-5.3	3.4E-05	2.9E-04	-4.4	1.2E-04	3.7E-03
AT4G35720	<i>AT4G35720</i>	DUF241 domain protein, putative (DUF241)	-5.1	5.1E-06	5.7E-05	-8.7	9.4E-08	2.7E-05
AT2G42990	<i>AT2G42990</i>	GDSL-like Lipase/Acylhydrolase superfamily protein	-5.1	2.0E-08	4.8E-07	-2.4	9.3E-05	3.1E-03
AT1G62770	<i>AT1G62770</i>	Plant invertase/pectin methyltransferase inhibitor superfamily protein	-5.1	1.9E-12	1.6E-10	-2.5	2.8E-07	5.4E-05
AT5G57240	<i>ORP4C</i>	OSBP(oxysterol binding protein)-related protein 4C	-5.0	3.0E-09	9.5E-08	-2.5	2.8E-05	1.3E-03
AT3G28857	<i>PRE5</i>	basic helix-loop-helix (bHLH) DNA-binding family protein	-5.0	6.4E-05	4.9E-04	-5.8	2.0E-05	1.1E-03
AT2G22810	<i>ACS4</i>	1-aminocyclopropane-1-carboxylate synthase 4	-4.8	7.1E-04	3.7E-03	-19.5	2.2E-06	2.5E-04
AT2G19660	<i>AT2G19660</i>	Cysteine/Histidine-rich C1 domain family protein	-4.8	1.1E-11	7.0E-10	-2.9	2.5E-08	1.3E-05
AT1G29490	<i>AT1G29490</i>	SAUR-like auxin-responsive protein family	-4.8	1.1E-04	7.9E-04	-4.5	1.4E-04	4.0E-03
AT5G06720	<i>PA2</i>	peroxidase 2	-4.8	2.9E-07	4.9E-06	-6.2	2.3E-08	1.2E-05
AT5G63820	<i>AT5G63820</i>	hypothetical protein (DUF626)	-4.8	7.1E-08	1.4E-06	-3.8	8.2E-07	1.2E-04
AT1G06080	<i>ADS1</i>	delta 9 desaturase 1	-4.6	5.9E-06	6.4E-05	-2.5	1.7E-03	2.2E-02
AT3G48300	<i>CYP71A23</i>	cytochrome P450, family 71, subfamily A, polypeptide 23	-4.6	4.2E-04	2.4E-03	-3.1	2.7E-03	3.1E-02
AT1G20520	<i>AT1G20520</i>	DUF241 domain protein, putative (DUF241)	-4.4	1.4E-03	6.5E-03	-20.5	4.9E-06	4.3E-04
AT1G08500	<i>ENODL18</i>	early nodulin-like protein 18	-4.3	1.9E-13	2.2E-11	-2.3	4.1E-08	1.6E-05
AT4G01335	<i>AT4G01335</i>	TATA box-binding protein associated factor RNA polymerase I subunit B-like protein	-4.2	6.2E-06	6.7E-05	-3.1	8.8E-05	3.0E-03
AT5G15430	<i>AT5G15430</i>	Plant calmodulin-binding protein-like protein	-4.2	7.0E-04	3.6E-03	-4.1	6.0E-04	1.1E-02
AT3G59440	<i>AT3G59440</i>	Calcium-binding EF-hand family protein	-4.0	1.5E-03	6.9E-03	-4.6	6.4E-04	1.2E-02
AT1G12080	<i>AT1G12080</i>	Vacuolar calcium-binding protein-like protein	-4.0	9.6E-10	3.5E-08	-4.6	1.3E-10	3.1E-07
AT2G18010	<i>AT2G18010</i>	SAUR-like auxin-responsive protein family	-3.9	2.8E-03	1.2E-02	-10.3	3.8E-05	1.7E-03
AT2G14900	<i>AT2G14900</i>	Gibberellin-regulated family protein	-3.8	5.1E-10	2.1E-08	-3.6	1.0E-09	1.5E-06
AT1G53700	<i>WAG1</i>	WAG 1	-3.7	4.4E-07	6.9E-06	-2.1	8.0E-04	1.4E-02
AT4G16515	<i>RGF6</i>	root meristem growth factor	-3.7	1.8E-05	1.7E-04	-5.0	1.1E-06	1.4E-04
AT1G09350	<i>GolS3</i>	galactinol synthase 3	-3.6	3.5E-04	2.0E-03	-3.8	2.3E-04	5.7E-03

AT4G32280	<i>IAA29</i>	indole-3-acetic acid inducible 29	-3.6	2.7E-05	2.4E-04	-14.6	4.0E-10	6.8E-07
AT1G21520	<i>AT1G21520</i>	hypothetical protein	-3.6	1.4E-03	6.3E-03	-3.0	3.7E-03	3.8E-02
AT3G03260	<i>HDG8</i>	homeodomain GLABROUS 8	-3.6	5.4E-03	2.0E-02	-102.8	1.7E-06	2.0E-04
AT5G02540	<i>AT5G02540</i>	NAD(P)-binding Rossmann-fold superfamily protein	-3.5	3.8E-04	2.2E-03	-8.1	7.8E-07	1.2E-04
AT1G63710	<i>CYP86A7</i>	cytochrome P450, family 86, subfamily A, polypeptide 7	-3.5	1.6E-02	4.7E-02	-4.7	4.7E-03	4.5E-02
AT4G14819	<i>AT4G14819</i>	hypothetical protein (DUF1677)	-3.5	1.6E-04	1.1E-03	-2.8	8.8E-04	1.5E-02
AT1G11120	<i>AT1G11120</i>	CTTNBP 2 amino-terminal-like protein	-3.4	1.2E-07	2.3E-06	-2.5	1.1E-05	7.5E-04
AT4G14130	<i>XTH15</i>	xyloglucan endotransglucosylase/hydrolase 15	-3.4	3.3E-07	5.4E-06	-3.0	2.1E-06	2.4E-04
AT1G60450	<i>GolS7</i>	galactinol synthase 7	-3.3	1.5E-02	4.4E-02	-5.6	1.7E-03	2.3E-02
AT5G65390	<i>AGP7</i>	arabinogalactan protein 7	-3.3	6.4E-09	1.8E-07	-2.3	3.2E-06	3.1E-04
AT1G65310	<i>XTH17</i>	xyloglucan endotransglucosylase/hydrolase 17	-3.3	1.4E-05	1.3E-04	-2.6	1.8E-04	4.9E-03
AT3G29370	<i>P1R3</i>	hypothetical protein	-3.3	5.7E-06	6.2E-05	-2.7	5.5E-05	2.1E-03
AT4G11190	<i>AT4G11190</i>	Disease resistance-responsive (dirigent-like protein) family protein	-3.3	2.0E-05	1.8E-04	-4.3	9.0E-07	1.3E-04
AT2G01200	<i>IAA32</i>	indole-3-acetic acid inducible 32	-3.2	1.1E-03	5.3E-03	-4.8	6.7E-05	2.5E-03
AT4G16780	<i>HB-2</i>	homeobox protein 2	-3.2	8.7E-04	4.4E-03	-2.7	3.6E-03	3.8E-02
AT1G51530	<i>AT1G51530</i>	RNA-binding (RRM/RBD/RNP motifs) family protein	-3.2	2.3E-03	9.8E-03	-4.9	1.6E-04	4.4E-03
AT1G11545	<i>XTH8</i>	xyloglucan endotransglucosylase/hydrolase 8	-3.2	1.0E-12	8.9E-11	-2.1	3.9E-08	1.5E-05
AT5G67020	<i>AT5G67020</i>	hypothetical protein	-3.1	1.6E-04	1.1E-03	-4.8	3.3E-06	3.2E-04
AT1G76610	<i>AT1G76610</i>	MIZU-KUSSEI-like protein (Protein of unknown function, DUF617)	-3.1	4.6E-03	1.7E-02	-3.0	4.7E-03	4.5E-02
AT4G21730	<i>AT4G21730</i>	pseudogene of AAA-type ATPase family protein	-3.1	4.9E-06	5.5E-05	-2.9	8.5E-06	6.2E-04
AT3G21330	<i>AT3G21330</i>	basic helix-loop-helix (bHLH) DNA-binding superfamily protein	-3.1	5.1E-05	4.0E-04	-2.7	2.1E-04	5.4E-03
AT1G10560	<i>PUB18</i>	plant U-box 18	-3.1	1.7E-04	1.1E-03	-2.4	1.6E-03	2.2E-02
AT3G18530	<i>AT3G18530</i>	ARM repeat superfamily protein	-3.1	5.5E-03	2.0E-02	-3.6	2.2E-03	2.7E-02
AT5G38970	<i>BR6OX1</i>	brassinosteroid-6-oxidase 1	-3.0	6.6E-11	3.4E-09	-2.2	3.0E-08	1.4E-05
AT3G26170	<i>CYP71B19</i>	cytochrome P450, family 71, subfamily B, polypeptide 19	-2.9	6.4E-05	4.9E-04	-2.3	1.1E-03	1.7E-02
AT5G50335	<i>AT5G50335</i>	hypothetical protein	-2.9	1.2E-03	5.7E-03	-3.6	2.0E-04	5.2E-03
AT1G73120	<i>AT1G73120</i>	F-box/RNI superfamily protein	-2.9	3.1E-03	1.3E-02	-6.1	1.2E-05	7.6E-04
AT2G43050	<i>ATPMPCRCD</i>	Plant invertase/pectin methylesterase inhibitor superfamily	-2.9	1.9E-05	1.8E-04	-2.5	9.1E-05	3.0E-03
AT1G26730	<i>AT1G26730</i>	EXS (ERD1/XPR1/SYG1) family protein	-2.8	1.6E-05	1.5E-04	-3.1	4.8E-06	4.2E-04
AT4G08109	<i>AT4G08109</i>	transposable_element_gene	-2.8	7.3E-04	3.8E-03	-4.9	9.6E-06	6.7E-04
AT4G21745	<i>AT4G21745</i>	PAK-box/P21-Rho-binding family protein	-2.7	2.1E-04	1.3E-03	-2.7	2.0E-04	5.2E-03
AT5G18010	<i>SAUR19</i>	SAUR-like auxin-responsive protein family	-2.7	2.7E-03	1.1E-02	-7.0	3.0E-06	3.0E-04
AT1G68360	<i>AT1G68360</i>	C2H2 and C2HC zinc fingers superfamily protein	-2.7	3.3E-05	2.8E-04	-2.7	2.8E-05	1.3E-03
AT5G02760	<i>AT5G02760</i>	Protein phosphatase 2C family protein	-2.7	1.5E-05	1.4E-04	-2.3	1.6E-04	4.4E-03
AT1G26890	<i>AT1G26890</i>	FBD, F-box and Leucine Rich Repeat domains containing protein	-2.7	8.0E-04	4.1E-03	-4.1	2.1E-05	1.1E-03
AT3G42800	<i>AT3G42800</i>	AF-like protein	-2.7	1.8E-04	1.2E-03	-3.0	5.4E-05	2.1E-03
AT2G46970	<i>PIL1</i>	phytochrome interacting factor 3-like 1	-2.7	2.2E-03	9.4E-03	-19.1	1.1E-08	6.8E-06
AT4G10150	<i>AT4G10150</i>	RING/U-box superfamily protein	-2.7	7.6E-04	3.9E-03	-3.5	5.8E-05	2.2E-03
AT1G74420	<i>FUT3</i>	fucosyltransferase 3	-2.7	1.3E-04	8.9E-04	-3.4	8.1E-06	6.0E-04
AT5G14780	<i>FDH</i>	formate dehydrogenase	-2.7	4.8E-08	1.0E-06	-2.7	4.4E-08	1.6E-05
AT5G13700	<i>PAO1</i>	polyamine oxidase 1	-2.7	9.7E-06	9.8E-05	-3.7	1.0E-07	2.8E-05
AT5G22580	<i>AT5G22580</i>	Stress responsive A/B Barrel Domain-containing protein	-2.7	8.1E-06	8.4E-05	-3.7	8.2E-08	2.5E-05
AT3G18200	<i>UMAMIT4</i>	nodulin MtN21 /EamA-like transporter family	-2.7	1.1E-08	3.0E-07	-2.3	2.6E-07	5.1E-05
AT5G61660	<i>AT5G61660</i>	glycine-rich protein	-2.6	1.2E-05	1.2E-04	-4.7	7.1E-09	4.9E-06
AT4G12410	<i>AT4G12410</i>	SAUR-like auxin-responsive protein family	-2.6	6.1E-03	2.2E-02	-5.4	5.7E-05	2.2E-03
AT5G02200	<i>FHL</i>	far-red-elongated hypocotyl1-like protein	-2.6	4.1E-05	3.3E-04	-2.1	5.4E-04	1.0E-02
AT1G04660	<i>AT1G04660</i>	glycine-rich protein	-2.6	3.8E-05	3.1E-04	-3.6	5.6E-07	9.1E-05
AT2G25000	<i>WRKY60</i>	WRKY DNA-binding protein 60	-2.6	1.1E-05	1.1E-04	-3.6	7.9E-08	2.5E-05
AT3G55840	<i>AT3G55840</i>	Hs1pro-1 protein	-2.5	2.1E-05	1.8E-04	-2.2	1.3E-04	3.9E-03
AT4G28720	<i>YUC8</i>	Flavin-binding monooxygenase family protein	-2.5	3.6E-04	2.1E-03	-2.5	3.6E-04	7.8E-03
AT1G75900	<i>AT1G75900</i>	GDSL-like Lipase/Acylhydrolase superfamily protein	-2.5	6.0E-06	6.5E-05	-4.2	2.3E-09	2.0E-06
AT1G62610	<i>AT1G62610</i>	NAD(P)-binding Rossmann-fold superfamily protein	-2.5	4.1E-08	8.8E-07	-2.2	4.9E-07	8.2E-05
AT2G45610	<i>AT2G45610</i>	alpha/beta-Hydrolases superfamily protein	-2.5	3.9E-03	1.5E-02	-4.4	3.7E-05	1.6E-03
AT5G39865	<i>AT5G39865</i>	Glutaredoxin family protein	-2.4	4.4E-07	7.0E-06	-2.5	2.6E-07	5.1E-05
AT5G66640	<i>DAR3</i>	DA1-related protein 3	-2.4	1.1E-02	3.5E-02	-2.8	3.7E-03	3.8E-02
AT1G75450	<i>CKX5</i>	cytokinin oxidase 5	-2.4	6.1E-04	3.2E-03	-3.6	7.2E-06	5.5E-04
AT1G66350	<i>RGL1</i>	RGA-like 1	-2.4	5.2E-08	1.1E-06	-2.1	1.4E-06	1.7E-04
AT4G37580	<i>HLS1</i>	Acyl-CoA N-acyltransferases (NAT) superfamily protein	-2.4	3.6E-04	2.1E-03	-2.4	3.5E-04	7.6E-03
AT4G11280	<i>ACS6</i>	1-aminocyclopropane-1-carboxylic acid (acc) synthase 6	-2.4	5.6E-04	3.0E-03	-2.3	9.0E-04	1.5E-02
AT3G24715	<i>AT3G24715</i>	kinase superfamily with octicosapeptide/Phox/Bem1p domain-containing protein	-2.4	2.3E-10	1.1E-08	-2.3	3.0E-10	6.5E-07
AT5G24580	<i>AT5G24580</i>	Heavy metal transport/detoxification superfamily protein	-2.4	1.6E-03	7.3E-03	-3.7	1.6E-05	9.3E-04
AT5G41900	<i>AT5G41900</i>	alpha/beta-Hydrolases superfamily protein	-2.4	4.5E-05	3.6E-04	-3.4	2.0E-07	4.4E-05
AT1G15580	<i>IAA5</i>	indole-3-acetic acid inducible 5	-2.3	1.2E-02	3.8E-02	-6.5	1.7E-05	9.6E-04
AT5G63810	<i>BGAL10</i>	beta-galactosidase 10	-2.3	5.1E-09	1.5E-07	-2.1	9.5E-08	2.7E-05
AT1G52190	<i>AT1G52190</i>	Major facilitator superfamily protein	-2.3	8.9E-09	2.4E-07	-2.6	4.1E-10	6.8E-07
AT5G62280	<i>AT5G62280</i>	DUF1442 family protein (DUF1442)	-2.3	2.0E-04	1.2E-03	-2.5	7.3E-05	2.6E-03
AT4G18970	<i>AT4G18970</i>	GDSL-like Lipase/Acylhydrolase superfamily protein	-2.3	2.7E-06	3.3E-05	-3.0	1.5E-08	9.0E-06
AT5G04190	<i>PKS4</i>	phytochrome kinase substrate 4	-2.3	2.3E-05	2.0E-04	-2.1	7.3E-05	2.6E-03
AT5G47370	<i>HAT2</i>	Homeobox-leucine zipper protein 4 (HB-4) / HD-ZIP protein	-2.3	5.5E-05	4.3E-04	-2.6	6.0E-06	4.9E-04

AT1G62480	AT1G62480	Vacuolar calcium-binding protein-like protein	-2.2	6.9E-07	1.0E-05	-2.1	2.1E-06	2.4E-04
AT4G34770	AT4G34770	SAUR-like auxin-responsive protein family	-2.2	7.9E-04	4.0E-03	-4.4	2.2E-07	4.6E-05
AT3G50800	AT3G50800	hypothetical protein	-2.2	3.2E-03	1.3E-02	-2.4	1.4E-03	2.0E-02
AT3G59010	PME61	pectin methylesterase 61	-2.2	2.5E-03	1.1E-02	-4.9	6.4E-07	9.9E-05
AT3G03830	SAUR28	SAUR-like auxin-responsive protein family	-2.2	2.4E-03	1.0E-02	-3.4	2.3E-05	1.2E-03
AT4G27260	WES1	Auxin-responsive GH3 family protein	-2.2	3.1E-06	3.8E-05	-2.4	6.2E-07	9.8E-05
AT5G44260	AT5G44260	Zinc finger C-x8-C-x5-C-x3-H type family protein	-2.2	5.0E-04	2.8E-03	-2.5	9.3E-05	3.1E-03
AT4G31380	FLP1	flowering-promoting factor-like protein	-2.2	1.5E-02	4.4E-02	-6.0	6.3E-06	5.1E-04
AT1G31040	AT1G31040	PLATZ transcription factor family protein	-2.2	6.2E-04	3.3E-03	-2.4	1.5E-04	4.3E-03
AT3G48790	AT3G48790	Pyridoxal phosphate (PLP)-dependent transferases superfamily protein	-2.2	1.8E-04	1.2E-03	-4.7	5.2E-09	3.8E-06
AT3G20470	GRP5	glycine-rich protein 5	-2.2	1.5E-03	6.9E-03	-2.5	2.7E-04	6.4E-03
AT4G17470	AT4G17470	alpha/beta-Hydrolases superfamily protein	-2.1	2.6E-03	1.1E-02	-3.7	5.5E-06	4.6E-04
AT4G25260	AT4G25260	Plant invertase/pectin methylesterase inhibitor superfamily protein	-2.1	7.0E-04	3.6E-03	-3.2	1.8E-06	2.2E-04
AT3G50890	HB28	homeobox protein 28	-2.1	7.0E-04	3.6E-03	-2.0	8.4E-04	1.4E-02
AT2G47015	MIR408		-2.0	1.8E-03	8.0E-03	-2.4	3.0E-04	7.0E-03
AT5G59010	BSK5	kinase with tetratricopeptide repeat domain-containing protein	-2.0	3.5E-07	5.7E-06	-2.5	2.4E-09	2.0E-06
AT5G51810	GA20OX2	gibberellin 20 oxidase 2	-2.0	1.8E-03	7.9E-03	-2.5	1.2E-04	3.7E-03
AT5G44210	ERF9	erf domain protein 9	-2.0	1.3E-04	8.6E-04	-2.0	1.2E-04	3.5E-03
AT1G61260	AT1G61260	cotton fiber (DUF761)	-2.0	3.8E-08	8.2E-07	-2.3	1.4E-09	1.7E-06
AT2G43535	AT2G43535	Scorpion toxin-like knottin superfamily protein	-2.0	1.6E-03	7.1E-03	-2.0	1.5E-03	2.1E-02
AT5G53830	AT5G53830	VQ motif-containing protein	-2.0	8.0E-06	8.3E-05	-2.4	1.7E-07	3.8E-05

Col UV/WL Down and <i>pif45</i> /Col WL Up			Col UV/WL			<i>pif45</i> /Col WL		
AGI	gene	description	Col_UV/WL_FC	pvalue	pvalue_with_FDR	<i>pif45</i> /Col_WL_FC	pvalue	pvalue_with_FDR
AT2G18800	XTH21	xyloglucan endotransglucosylase/hydrolase 21	-2.8	1.6E-04	1.6E-04	2.0	2.3E-04	5.8E-03
AT5G52050	AT5G52050	MATE efflux family protein	-2.2	2.0E-02	2.0E-02	2.3	8.2E-04	1.4E-02
AT1G66270	BGLU21	Glycosyl hydrolase superfamily protein	-2.2	2.1E-02	2.1E-02	2.4	1.6E-03	2.1E-02
AT1G54000	GLL22	GDSL-like Lipase/Acylhydrolase superfamily protein	-2.1	3.5E-03	3.5E-03	2.0	7.4E-04	1.3E-02

<i>pif45</i> /Col WL Down			Col UV/WL			<i>pif45</i> /Col WL		
AGI	gene	description	Col_UV/WL_FC	pvalue	pvalue_with_FDR	<i>pif45</i> /Col_WL_FC	pvalue	pvalue_with_FDR
AT3G01345	AT3G01345	Expressed protein	1.0	9.9E-01	1.0E+00	-292.4	1.2E-06	1.5E-04
AT3G30720	QQS	qua-quine starch	1.1	8.6E-01	9.2E-01	-52.1	2.4E-05	1.2E-03
AT3G59060	PIL6	phytochrome interacting factor 3-like 6	1.1	6.2E-01	7.5E-01	-21.6	4.9E-16	1.1E-11
AT3G29060	AT3G29060	EXS (ERD1/XPR1/SYG1) family protein	-2.0	6.8E-02	1.5E-01	-17.2	1.4E-05	8.5E-04
AT5G04380	AT5G04380	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein	1.3	6.0E-01	7.3E-01	-14.6	1.1E-03	1.7E-02
AT3G09640	APX2	ascorbate peroxidase 2	1.5	3.3E-01	4.8E-01	-12.1	1.8E-03	2.3E-02
AT5G57810	TET15	tetraspanin15	1.3	3.6E-01	5.1E-01	-10.9	2.7E-06	2.8E-04
AT3G48960	AT3G48960	Ribosomal protein L13e family protein	-1.1	8.3E-01	9.0E-01	-10.7	8.0E-04	1.4E-02
AT5G53870	ENODL1	early nodulin-like protein 1	-1.1	6.2E-01	7.4E-01	-9.7	1.4E-09	1.7E-06
AT5G18050	SAUR22	SAUR-like auxin-responsive protein family	-1.9	5.0E-02	1.2E-01	-9.4	6.5E-07	9.9E-05
AT1G68800	TCP12	TCP domain protein 12	-3.5	1.5E-05	1.4E-04	-8.8	9.2E-09	6.1E-06
AT1G54040	ESP	epithiospecifier protein	-1.0	9.4E-01	9.7E-01	-8.6	1.1E-05	7.5E-04
AT1G29395	COR413/IM1	COLD REGULATED 314 INNER MEMBRANE 1	-2.1	5.3E-02	1.2E-01	-8.1	1.6E-05	9.5E-04
AT5G35525	AT5G35525	PLAC8 family protein	-2.5	6.1E-05	4.7E-04	-7.8	1.1E-10	3.1E-07
AT4G01190	PIPK10	phosphatidylinositol phosphate kinase 10	-1.5	2.3E-01	3.7E-01	-7.6	1.5E-05	9.1E-04
AT5G50750	RGP4	reversibly glycosylated polypeptide 4	-2.6	4.7E-02	1.1E-01	-7.6	9.1E-04	1.5E-02
AT3G52310	ABCG27	ABC transporter G family member 27	1.9	2.5E-02	6.8E-02	-7.4	8.0E-05	2.8E-03
AT2G47880	AT2G47880	Glutaredoxin family protein	1.5	3.5E-01	5.0E-01	-7.3	1.8E-03	2.4E-02
AT1G19510	RL5	RAD-like 5	3.8	9.3E-05	6.7E-04	-7.2	1.5E-04	4.3E-03
AT2G07687	AT2G07687	Cytochrome c oxidase, subunit III	-3.0	5.7E-02	1.3E-01	-7.2	4.7E-03	4.5E-02
AT2G34655	AT2G34655	hypothetical protein	-3.5	3.1E-02	8.0E-02	-7.1	3.8E-03	3.9E-02
AT1G66100	AT1G66100	Plant thionin	4.4	2.5E-04	1.5E-03	-6.7	4.7E-05	1.9E-03
AT1G73700	AT1G73700	MATE efflux family protein	1.0	9.3E-01	9.6E-01	-6.6	4.1E-03	4.1E-02
AT3G30120	AT3G30120	pseudogene of mediator of RNA polymerase II transcription subunit	-1.6	1.3E-01	2.4E-01	-6.5	1.9E-05	1.0E-03
AT2G16140	AT2G16140	transposable_element_gene	1.3	4.4E-01	5.9E-01	-6.3	2.7E-03	3.1E-02
AT5G64590	AT5G64590	NYN domain protein	-1.9	1.1E-01	2.2E-01	-6.1	8.8E-04	1.5E-02
AT2G21140	PRP2	proline-rich protein 2	-1.7	3.2E-03	1.3E-02	-5.7	8.1E-11	3.1E-07
AT3G22235	AT3G22235	cysteine-rich TM module stress tolerance protein	3.2	2.6E-03	1.1E-02	-5.7	3.7E-03	3.8E-02
AT3G60700	AT3G60700	hypothetical protein (DUF1163)	-2.7	6.3E-04	3.3E-03	-5.6	9.9E-07	1.4E-04
AT5G44568	AT5G44568	transmembrane protein	4.4	2.1E-06	2.6E-05	-5.5	1.1E-04	3.3E-03
AT5G64210	AOX2	alternative oxidase 2	-1.6	2.7E-01	4.2E-01	-5.3	1.6E-03	2.2E-02
AT4G19970	AT4G19970	nucleotide-diphospho-sugar transferase family protein	-1.3	3.3E-01	4.8E-01	-5.3	4.9E-05	2.0E-03
AT5G18060	SAUR23	SAUR-like auxin-responsive protein family	-1.8	4.3E-02	1.0E-01	-5.2	4.4E-06	4.0E-04
AT5G44130	FLA13	FASCICLIN-like arabinogalactan protein 13	1.5	2.1E-02	5.9E-02	-5.0	1.5E-09	1.7E-06
AT1G34480	AT1G34480	Cysteine/Histidine-rich C1 domain family protein	-1.6	2.8E-01	4.3E-01	-5.0	3.2E-03	3.5E-02
AT4G32500	KT5	K transporter 5	-1.7	1.8E-01	3.1E-01	-4.9	2.7E-03	3.2E-02
AT2G36110	AT2G36110	Polynucleotidyl transferase, ribonuclease H-like superfamily protein	-1.7	8.8E-02	1.8E-01	-4.9	5.8E-05	2.2E-03
AT5G18080	SAUR24	SAUR-like auxin-responsive protein family	-2.0	1.9E-02	5.5E-02	-4.7	1.5E-05	8.9E-04
AT1G78440	ATGA20X1	gibberellin 2-beta-dioxygenase	2.5	1.4E-03	6.6E-03	-4.7	2.0E-04	5.2E-03
AT2G18150	AT2G18150	Peroxidase superfamily protein	1.2	3.0E-01	4.5E-01	-4.6	2.9E-08	1.3E-05
AT1G18400	BEE1	BR enhanced expression 1	-1.3	1.9E-01	3.2E-01	-4.2	3.0E-08	1.4E-05
AT4G38825	AT4G38825	SAUR-like auxin-responsive protein family	-1.7	1.6E-02	4.7E-02	-4.1	2.8E-07	5.4E-05
AT5G18020	SAUR20	SAUR-like auxin-responsive protein family	-1.0	9.2E-01	9.6E-01	-4.1	5.5E-07	9.1E-05
AT4G22710	CYP706A2	cytochrome P450, family 706, subfamily A, polypeptide 2	-1.8	1.2E-01	2.2E-01	-4.1	1.3E-03	1.8E-02

AT5G17860	CAX7	calcium exchanger 7	-1.7	1.5E-01	2.7E-01	-4.0	7.6E-04	1.3E-02
AT5G18030	AT5G18030	SAUR-like auxin-responsive protein family	-1.1	8.4E-01	9.0E-01	-4.0	1.5E-05	9.2E-04
AT5G05390	LAC12	laccase 12	4.2	4.4E-05	3.5E-04	-4.0	1.7E-03	2.3E-02
AT1G69540	AGL94	AGAMOUS-like 94	-1.2	5.9E-01	7.2E-01	-4.0	1.7E-04	4.6E-03
AT1G73550	AT1G73550	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	-1.7	1.1E-01	2.1E-01	-3.9	5.2E-04	1.0E-02
AT4G11170	AT4G11170	Disease resistance protein (TIR-NBS-LRR class)	-1.3	3.3E-01	4.8E-01	-3.9	4.4E-04	9.0E-03
AT1G01390	AT1G01390	UDP-Glycosyltransferase superfamily protein	-1.1	7.3E-01	8.2E-01	-3.9	9.6E-06	6.7E-04
AT5G49130	AT5G49130	MATE efflux family protein	-1.3	4.5E-01	6.0E-01	-3.8	1.7E-03	2.2E-02
AT3G28540	AT3G28540	P-loop containing nucleoside triphosphate hydrolases superfamily protein	1.8	2.1E-03	9.2E-03	-3.7	7.0E-07	1.1E-04
AT1G18710	MYB47	myb domain protein 47	2.0	1.3E-03	6.2E-03	-3.7	2.2E-05	1.2E-03
AT4G04223	AT4G04223		-1.1	8.5E-01	9.1E-01	-3.7	2.1E-03	2.6E-02
AT2G05950	AT2G05950	transposable_element_gene	-1.6	1.7E-01	3.0E-01	-3.6	2.9E-03	3.3E-02
AT5G07000	ST2B	sulfotransferase 2B	-1.6	3.5E-03	1.4E-02	-3.6	2.1E-09	2.0E-06
AT4G27580	AT4G27580	phosphatidylinositol transfer SFH5-like protein	-1.9	1.1E-01	2.1E-01	-3.6	5.2E-03	4.8E-02
AT1G78970	LUP1	lupeol synthase 1	-1.2	2.8E-01	4.2E-01	-3.6	1.1E-09	1.5E-06
AT3G48970	AT3G48970	Heavy metal transport/detoxification superfamily protein	-1.2	3.1E-01	4.6E-01	-3.6	9.5E-07	1.4E-04
AT5G53980	HB52	homeobox protein 52	-1.3	2.5E-01	4.0E-01	-3.6	1.5E-06	1.9E-04
AT5G03435	AT5G03435	Ca2 dependent plant phosphoribosyltransferase family protein	-1.5	2.1E-01	3.5E-01	-3.5	1.9E-03	2.4E-02
AT1G68725	AGP19	arabinogalactan protein 19	1.0	8.2E-01	8.9E-01	-3.4	8.3E-08	2.5E-05
AT1G63380	AT1G63380	NAD(P)-binding Rossmann-fold superfamily protein	-2.1	3.8E-02	9.4E-02	-3.4	2.6E-03	3.0E-02
AT3G17050	AT3G17050	transposable_element_gene	-1.9	3.3E-04	1.9E-03	-3.4	3.5E-08	1.4E-05
AT1G68620	AT1G68620	alpha/beta-Hydrolases superfamily protein	1.7	1.1E-02	3.6E-02	-3.4	8.9E-06	6.4E-04
AT4G10310	HKT1	high-affinity K transporter 1	-1.1	5.7E-01	7.0E-01	-3.4	1.1E-06	1.5E-04
AT5G17780	AT5G17780	alpha/beta-Hydrolases superfamily protein	6.4	2.4E-14	3.3E-12	-3.3	1.5E-07	3.5E-05
AT4G38850	SAUR15	SAUR-like auxin-responsive protein family	-1.4	1.6E-01	2.8E-01	-3.3	4.8E-05	1.9E-03
AT3G28890	RLP43	receptor like protein 43	1.2	6.3E-01	7.5E-01	-3.3	4.0E-03	4.1E-02
AT2G07711	AT2G07711	pseudogene of NADH dehydrogenase 5B	-2.3	2.1E-02	5.9E-02	-3.3	2.7E-03	3.1E-02
AT2G46440	CNGC11	cyclic nucleotide-gated channels	1.0	9.3E-01	9.6E-01	-3.2	2.4E-03	2.8E-02
AT1G68350	AT1G68350	cotton fiber protein	-1.7	1.1E-02	3.4E-02	-3.2	2.5E-06	2.7E-04
AT1G18870	ICS2	isochorismate synthase 2	-1.6	1.1E-02	3.6E-02	-3.1	2.2E-07	4.6E-05
AT5G39860	PRE1	basic helix-loop-helix (bHLH) DNA-binding family protein	-1.9	4.2E-04	2.4E-03	-3.1	1.4E-07	3.4E-05
AT4G13810	RLP47	receptor like protein 47	4.8	1.2E-06	1.7E-05	-3.1	3.2E-03	3.5E-02
AT1G29460	AT1G29460	SAUR-like auxin-responsive protein family	-1.5	1.4E-01	2.6E-01	-3.1	2.2E-04	5.5E-03
AT5G33340	CDR1	Eukaryotic aspartyl protease family protein	-1.5	2.4E-01	3.8E-01	-3.1	4.8E-03	4.5E-02
AT3G03840	SAUR27	SAUR-like auxin-responsive protein family	-1.7	2.1E-02	5.8E-02	-3.1	4.6E-05	1.9E-03
AT5G24770	VSP2	vegetative storage protein 2	1.1	6.0E-01	7.3E-01	-3.1	3.0E-04	6.9E-03
AT3G03850	SAUR26	SAUR-like auxin-responsive protein family	-1.9	2.8E-03	1.2E-02	-3.1	3.9E-06	3.6E-04
AT1G16850	AT1G16850	transmembrane protein	1.5	8.0E-02	1.7E-01	-3.1	1.2E-04	3.7E-03
AT2G26695	AT2G26695	Ran BP2/NZF zinc finger-like superfamily protein	-1.5	6.4E-02	1.4E-01	-3.0	1.6E-05	9.3E-04
AT5G10770	AT5G10770	Eukaryotic aspartyl protease family protein	-1.1	5.8E-01	7.1E-01	-3.0	3.1E-07	5.8E-05
AT1G01600	CYP86A4	cytochrome P450, family 86, subfamily A, polypeptide 4	-1.7	3.8E-03	1.5E-02	-3.0	3.2E-07	5.9E-05
AT5G03090	AT5G03090	Mto 1 responding down protein	1.3	2.8E-01	4.3E-01	-3.0	1.5E-03	2.1E-02
AT1G49900	AT1G49900	C2H2 type zinc finger transcription factor family	-1.2	5.1E-01	6.5E-01	-3.0	9.3E-04	1.5E-02
AT4G14560	IAA1	indole-3-acetic acid inducible	-1.4	1.2E-01	2.3E-01	-3.0	7.1E-06	5.5E-04
AT3G55940	AT3G55940	Phosphoinositide-specific phospholipase C family protein	-1.6	1.1E-02	3.4E-02	-3.0	1.4E-06	1.8E-04
AT1G29500	AT1G29500	SAUR-like auxin-responsive protein family	-1.1	5.5E-01	6.8E-01	-2.9	1.3E-05	8.4E-04
AT3G51895	SULTR3		1.3	3.3E-01	4.8E-01	-2.9	1.6E-03	2.2E-02
AT5G46240	KAT1		-1.5	1.0E-02	3.3E-02	-2.9	3.1E-08	1.4E-05
AT3G25717	RTFL16	ROTUNDIFOLIA like 16	-1.8	7.4E-03	2.5E-02	-2.9	1.2E-05	7.7E-04
AT2G29120	GLR2.7	glutamate receptor 2.7	-1.2	1.7E-01	3.0E-01	-2.9	6.0E-07	9.7E-05
AT3G16470	JR1	Mannose-binding lectin superfamily protein	1.0	8.6E-01	9.2E-01	-2.9	1.1E-07	2.9E-05
AT1G02340	HFR1	basic helix-loop-helix (bHLH) DNA-binding superfamily protein	1.2	2.6E-01	4.1E-01	-2.9	1.2E-06	1.6E-04
AT1G29450	AT1G29450	SAUR-like auxin-responsive protein family	-1.3	2.3E-01	3.8E-01	-2.8	1.9E-04	5.0E-03
AT2G29370	AT2G29370	NAD(P)-binding Rossmann-fold superfamily protein	2.3	4.2E-04	2.4E-03	-2.8	7.8E-04	1.3E-02
AT4G37980	ELI3-1	cinnamyl alcohol dehydrogenase 7	1.3	1.8E-01	3.1E-01	-2.8	9.1E-06	6.5E-04
AT1G03445	BSU1	Serine/threonine protein phosphatase family	2.0	1.5E-03	7.0E-03	-2.8	1.4E-04	4.1E-03
AT1G43590	AT1G43590	transposable_element_gene	-1.4	1.5E-01	2.7E-01	-2.8	1.7E-04	4.6E-03
AT5G67180	TOE3	target of early activation tagged (EAT) 3	-1.1	7.8E-01	8.6E-01	-2.8	9.1E-04	1.5E-02
AT3G59900	ARGOS	auxin-regulated gene involved in organ size	1.1	4.9E-01	6.3E-01	-2.8	9.6E-06	6.7E-04
AT3G55240	AT3G55240	Plant protein 1589 of unknown function	-1.8	1.6E-03	7.1E-03	-2.8	1.6E-06	2.0E-04
AT1G05700	AT1G05700	Leucine-rich repeat transmembrane protein kinase protein	-1.8	4.5E-02	1.1E-01	-2.8	1.3E-03	1.9E-02
AT1G30280	AT1G30280	Chaperone DnaJ-domain superfamily protein	-1.3	7.5E-02	1.6E-01	-2.7	3.5E-08	1.4E-05
AT4G39700	AT4G39700	Heavy metal transport/detoxification superfamily protein	-1.4	1.2E-01	2.2E-01	-2.7	2.6E-04	6.3E-03
AT3G15356	AT3G15356	Legume lectin family protein	-1.2	1.4E-01	2.5E-01	-2.7	1.2E-07	3.1E-05
AT4G16892	AT4G16892		-1.5	2.9E-02	7.5E-02	-2.7	2.7E-06	2.8E-04
AT1G72140	AT1G72140	Major facilitator superfamily protein	-1.1	4.8E-01	6.2E-01	-2.7	1.2E-05	7.8E-04
AT2G33205	AT2G33205	Serinc-domain containing serine and sphingolipid biosynthesis protein	-1.7	3.5E-02	8.8E-02	-2.7	3.4E-04	7.5E-03
AT1G76240	AT1G76240	DUF241 domain protein (DUF241)	-1.3	1.7E-01	2.9E-01	-2.6	1.6E-06	1.9E-04
AT3G29575	AFP3	ABI five binding protein 3	-1.8	3.2E-03	1.3E-02	-2.6	1.7E-05	9.9E-04
AT2G47010	AT2G47010	calcium/calcium/calmodulin-dependent Serine/Threonine-kinase	1.3	6.1E-02	1.3E-01	-2.6	2.8E-08	1.3E-05
AT3G42658	SADHU3-2	transposable_element_gene	-1.6	1.8E-02	5.2E-02	-2.6	4.4E-05	1.8E-03

AT4G13280	<i>TPS12</i>	terpenoid synthase 12	-1.0	9.7E-01	9.9E-01	-2.6	8.3E-05	2.8E-03
AT2G05518	<i>AT2G05518</i>		-1.8	1.5E-02	4.6E-02	-2.6	2.9E-04	6.7E-03
AT1G29510	<i>SAUR68</i>	SAUR-like auxin-responsive protein family	-1.0	9.3E-01	9.6E-01	-2.6	1.4E-05	8.5E-04
AT3G23030	<i>IAA2</i>	indole-3-acetic acid inducible 2	-1.2	1.4E-01	2.6E-01	-2.5	3.4E-08	1.4E-05
AT3G13980	<i>AT3G13980</i>	SKI/DACH domain protein	-2.0	3.5E-04	2.0E-03	-2.5	4.8E-06	4.2E-04
AT2G32990	<i>GH9B8</i>	glycosyl hydrolase 9B8	1.8	2.9E-03	1.2E-02	-2.5	3.3E-05	1.5E-03
AT5G01740	<i>AT5G01740</i>	Nuclear transport factor 2 (NTF2) family protein	1.0	9.0E-01	9.4E-01	-2.5	4.3E-05	1.8E-03
AT4G14640	<i>CAM8</i>	calmodulin 8	-2.0	8.9E-04	4.4E-03	-2.5	3.2E-05	1.5E-03
AT1G27670	<i>AT1G27670</i>	transmembrane protein	-1.8	1.3E-03	6.1E-03	-2.5	7.8E-06	5.9E-04
AT5G66390	<i>AT5G66390</i>	Peroxidase superfamily protein	1.2	2.1E-01	3.5E-01	-2.5	4.5E-08	1.6E-05
AT5G27660	<i>DEG14</i>	Trypsin family protein with PDZ domain-containing protein	1.1	5.2E-01	6.6E-01	-2.5	5.7E-06	4.7E-04
AT3G49820	<i>AT3G49820</i>	hypothetical protein	-1.4	1.5E-01	2.7E-01	-2.5	1.6E-03	2.1E-02
AT1G29440	<i>SAUR63</i>	SAUR-like auxin-responsive protein family	1.2	3.0E-01	4.5E-01	-2.5	7.3E-05	2.6E-03
AT5G64770	<i>RGF9</i>	root meristem growth factor	1.9	6.1E-05	4.7E-04	-2.4	6.7E-07	1.0E-04
AT2G36590	<i>ProT3</i>	proline transporter 3	3.4	9.9E-10	3.6E-08	-2.4	5.8E-06	4.8E-04
AT2G38530	<i>LTP2</i>	lipid transfer protein 2	-1.5	1.3E-01	2.5E-01	-2.4	3.0E-03	3.4E-02
AT5G01790	<i>AT5G01790</i>	hypothetical protein	1.8	1.6E-04	1.0E-03	-2.4	5.6E-07	9.1E-05
AT5G55780	<i>AT5G55780</i>	Cysteine/Histidine-rich C1 domain family protein	-3.6	1.5E-05	1.4E-04	-2.4	5.7E-04	1.1E-02
AT5G57760	<i>AT5G57760</i>	hypothetical protein	-1.6	9.8E-03	3.2E-02	-2.4	3.3E-05	1.5E-03
AT4G14140	<i>DMT2</i>	DNA methyltransferase 2	-2.0	1.7E-02	5.0E-02	-2.4	3.0E-03	3.3E-02
AT2G40610	<i>EXPA8</i>	expansin A8	-1.9	5.5E-04	3.0E-03	-2.4	6.5E-06	5.2E-04
AT1G20450	<i>ERD10</i>	Dehydrin family protein	1.5	3.0E-03	1.2E-02	-2.4	1.8E-08	1.0E-05
AT5G23350	<i>AT5G23350</i>	GRAM domain protein/ABA-responsive-like protein	-1.3	5.6E-02	1.3E-01	-2.4	3.0E-07	5.6E-05
AT4G12730	<i>FLA2</i>	FASCICLIN-like arabinogalactan 2	-1.4	1.4E-02	4.1E-02	-2.4	5.0E-08	1.8E-05
AT5G46590	<i>NAC096</i>	NAC domain containing protein 96	1.1	7.3E-01	8.3E-01	-2.4	2.3E-04	5.8E-03
AT4G08040	<i>ACS11</i>	1-aminocyclopropane-1-carboxylate synthase 11	-1.9	8.4E-03	2.8E-02	-2.4	7.3E-04	1.3E-02
AT5G66580	<i>AT5G66580</i>	hypothetical protein	-1.4	7.3E-02	1.6E-01	-2.4	8.6E-05	2.9E-03
AT5G10970	<i>AT5G10970</i>	C2H2 and C2HC zinc fingers superfamily protein	-1.5	4.1E-02	9.9E-02	-2.4	1.4E-04	4.1E-03
AT4G12470	<i>AZ11</i>	azelaic acid induced 1	1.2	2.9E-01	4.4E-01	-2.4	2.4E-04	6.0E-03
AT1G15050	<i>IAA34</i>	indole-3-acetic acid inducible 34	-1.5	1.5E-01	2.7E-01	-2.3	2.6E-03	3.0E-02
AT2G25625	<i>AT2G25625</i>	histone deacetylase-like protein	1.5	1.4E-02	4.3E-02	-2.3	1.5E-05	9.2E-04
AT5G38005	<i>AT5G38005</i>		-1.2	3.4E-01	4.9E-01	-2.3	6.3E-04	1.2E-02
AT5G51200	<i>EMB3142</i>	nuclear pore complex protein (DUF3414)	-1.8	1.3E-03	6.1E-03	-2.3	2.7E-05	1.3E-03
AT5G66590	<i>AT5G66590</i>	CAP (Cysteine-rich secretory proteins, Antigen 5, and Pathogenesis-related 1 protein) superfamily	-1.9	1.7E-03	7.5E-03	-2.3	1.2E-04	3.7E-03
AT4G14380	<i>AT4G14380</i>	cotton fiber protein	-1.6	1.0E-02	3.3E-02	-2.3	3.5E-05	1.6E-03
AT5G39610	<i>NAC6</i>	NAC domain containing protein 6	-1.1	6.4E-01	7.6E-01	-2.3	2.2E-05	1.2E-03
AT2G18969	<i>AT2G18969</i>	transcription factor/transcription regulator	-1.5	1.9E-02	5.5E-02	-2.3	2.1E-05	1.1E-03
AT3G55230	<i>AT3G55230</i>	Disease resistance-responsive (dirigent-like protein) family protein	-1.1	5.5E-01	6.9E-01	-2.3	3.7E-06	3.4E-04
AT2G43060	<i>IBH1</i>	ILI1 binding bHLH 1	-1.4	5.3E-02	1.2E-01	-2.3	2.0E-05	1.1E-03
AT1G62560	<i>FMO GS-OX3</i>	flavin-monooxygenase glucosinolate S-oxygenase 3	2.3	6.3E-04	3.3E-03	-2.3	2.9E-03	3.2E-02
AT1G60030	<i>NAT7</i>	nucleobase-ascorbate transporter 7	-1.2	2.5E-01	4.0E-01	-2.3	1.1E-05	7.5E-04
AT1G78815	<i>LSH7</i>	LIGHT-DEPENDENT SHORT HYPOCOTYLS-like protein (DUF640)	-1.7	6.2E-02	1.4E-01	-2.3	5.0E-03	4.7E-02
AT5G51790	<i>AT5G51790</i>	basic helix-loop-helix (bHLH) DNA-binding superfamily protein	-2.8	2.0E-07	3.4E-06	-2.3	6.4E-06	5.1E-04
AT2G39450	<i>MTP11</i>	Cation efflux family protein	1.3	2.5E-01	3.9E-01	-2.3	3.2E-04	7.2E-03
AT2G27370	<i>CASP3</i>	Uncharacterized protein family (UPF0497)	-1.1	5.0E-01	6.4E-01	-2.3	2.6E-07	5.1E-05
AT5G38020	<i>AT5G38020</i>	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein	-1.1	7.0E-01	8.1E-01	-2.3	2.0E-03	2.5E-02
AT1G09480	<i>AT1G09480</i>	NAD(P)-binding Rossmann-fold superfamily protein	-1.2	3.2E-01	4.7E-01	-2.2	1.2E-04	3.7E-03
AT1G75500	<i>WAT1</i>	Walls Are Thin 1	-1.7	1.6E-06	2.1E-05	-2.2	3.5E-10	6.8E-07
AT5G65980	<i>AT5G65980</i>	Auxin efflux carrier family protein	-1.1	7.3E-01	8.3E-01	-2.2	3.4E-03	3.6E-02
AT1G02670	<i>AT1G02670</i>	P-loop containing nucleoside triphosphate hydrolases superfamily protein	-1.6	4.8E-03	1.8E-02	-2.2	1.6E-05	9.2E-04
AT5G55730	<i>FLA1</i>	FASCICLIN-like arabinogalactan 1	-2.0	6.2E-07	9.3E-06	-2.2	2.8E-08	1.3E-05
AT1G17400	<i>AT1G17400</i>	hypothetical protein	1.3	2.6E-01	4.1E-01	-2.2	1.3E-03	1.9E-02
AT3G11550	<i>CASP2</i>	Uncharacterized protein family (UPF0497)	-1.1	3.6E-01	5.1E-01	-2.2	1.1E-07	3.0E-05
AT3G03240	<i>AT3G03240</i>	alpha/beta-Hydrolases superfamily protein	-1.7	4.3E-02	1.0E-01	-2.2	3.7E-03	3.8E-02
AT1G01120	<i>KCS1</i>	3-ketoacyl-CoA synthase 1	1.0	9.2E-01	9.5E-01	-2.2	6.2E-07	9.8E-05
AT5G47220	<i>ERF2</i>	ethylene responsive element binding factor 2	-1.8	3.3E-02	8.4E-02	-2.2	4.2E-03	4.2E-02
AT2G43290	<i>MSS3</i>	Calcium-binding EF-hand family protein	-1.7	1.3E-04	9.1E-04	-2.2	2.2E-07	4.6E-05
AT5G17700	<i>AT5G17700</i>	MATE efflux family protein	2.7	5.6E-06	6.2E-05	-2.2	1.8E-04	4.8E-03
AT3G08660	<i>AT3G08660</i>	Phototropic-responsive NPH3 family protein	-1.1	6.4E-01	7.6E-01	-2.2	2.9E-06	2.9E-04
AT1G69570	<i>AT1G69570</i>	Dof-type zinc finger DNA-binding family protein	-1.6	4.1E-02	1.0E-01	-2.2	1.9E-03	2.5E-02
AT5G67090	<i>AT5G67090</i>	Subtilisin-like serine endopeptidase family protein	-1.2	2.8E-01	4.3E-01	-2.2	2.0E-06	2.3E-04
AT1G09310	<i>AT1G09310</i>	plant/protein (Protein of unknown function,	1.2	3.8E-01	5.3E-01	-2.2	5.0E-05	2.0E-03
AT1G05835	<i>AT1G05835</i>	PHD finger protein	-1.7	1.2E-02	3.8E-02	-2.2	4.4E-04	9.1E-03
AT1G36940	<i>AT1G36940</i>	myotubularin-like protein	-1.7	4.9E-04	2.7E-03	-2.2	4.5E-06	4.0E-04
AT1G01200	<i>RABA3</i>	RAB GTPase homolog A3	-1.6	6.0E-03	2.2E-02	-2.2	4.3E-05	1.8E-03
AT1G12070	<i>AT1G12070</i>	Immunoglobulin E-set superfamily protein	1.3	1.3E-01	2.4E-01	-2.2	2.4E-05	1.2E-03
AT5G04310	<i>AT5G04310</i>	Pectin lyase-like superfamily protein	-1.8	5.0E-06	5.6E-05	-2.2	2.2E-08	1.2E-05
AT5G20740	<i>AT5G20740</i>	Plant invertase/pectin methylesterase inhibitor superfamily protein	-1.6	9.2E-03	3.0E-02	-2.2	1.2E-04	3.6E-03
AT3G23450	<i>AT3G23450</i>	transmembrane protein	-1.6	3.4E-03	1.4E-02	-2.2	5.2E-06	4.5E-04
AT5G65800	<i>ACS5</i>	ACC synthase 5	-8.5	2.9E-08	6.6E-07	-2.2	4.2E-03	4.2E-02
AT5G01760	<i>AT5G01760</i>	ENTH/VHS/GAT family protein	1.1	6.6E-01	7.7E-01	-2.2	6.8E-04	1.2E-02
AT1G71740	<i>AT1G71740</i>	nucleolar protein	1.1	3.2E-01	4.7E-01	-2.2	2.8E-06	2.9E-04
AT4G13580	<i>AT4G13580</i>	Disease resistance-responsive (dirigent-like protein) family protein	-1.1	7.0E-01	8.1E-01	-2.1	7.8E-05	2.8E-03

AT2G28670	<i>ESB1</i>	Disease resistance-responsive (dirigent-like protein) family protein	-1.1	3.0E-01	4.5E-01	-2.1	1.2E-06	1.5E-04
AT1G29430	<i>AT1G29430</i>	SAUR-like auxin-responsive protein family	1.5	7.1E-03	2.5E-02	-2.1	3.0E-05	1.4E-03
AT4G29110	<i>AT4G29110</i>	cotton fiber protein	2.4	2.7E-05	2.4E-04	-2.1	6.3E-04	1.2E-02
AT4G13290	<i>CYP71A19</i>	cytochrome P450, family 71, subfamily A, polypeptide 19	1.2	1.1E-01	2.2E-01	-2.1	7.0E-06	5.4E-04
AT3G03820	<i>SAUR29</i>	SAUR-like auxin-responsive protein family	-1.4	8.0E-02	1.7E-01	-2.1	9.3E-04	1.5E-02
AT2G17880	<i>AT2G17880</i>	Chaperone DnaJ-domain superfamily protein	1.0	8.1E-01	8.9E-01	-2.1	1.9E-06	2.2E-04
AT4G18290	<i>KAT2</i>	potassium channel KAT1-like protein	-1.2	1.2E-01	2.4E-01	-2.1	9.2E-06	6.5E-04
AT3G08570	<i>AT3G08570</i>	Phototropic-responsive NPH3 family protein	-1.7	1.5E-03	6.8E-03	-2.1	4.0E-05	1.7E-03
AT4G28900	<i>AT4G28900</i>	transposable_element_gene	-1.9	1.6E-04	1.0E-03	-2.1	2.5E-05	1.2E-03
AT5G49630	<i>AAP6</i>	amino acid permease 6	-1.7	1.5E-03	6.8E-03	-2.1	2.8E-05	1.3E-03
AT4G23670	<i>AT4G23670</i>	Polyketide cyclase/dehydrase and lipid transport superfamily protein	1.1	6.2E-01	7.5E-01	-2.1	2.1E-05	1.1E-03
AT5G02190	<i>PCS1</i>	Eukaryotic aspartyl protease family protein	-1.9	8.0E-03	2.7E-02	-2.1	3.4E-03	3.6E-02
AT1G54200	<i>AT1G54200</i>	DNA mismatch repair Msh6-like protein	-1.6	2.0E-04	1.2E-03	-2.1	7.4E-08	2.4E-05
AT1G61255	<i>AT1G61255</i>	hypothetical protein	-1.4	1.4E-01	2.6E-01	-2.1	1.8E-03	2.4E-02
AT2G37030	<i>AT2G37030</i>	SAUR-like auxin-responsive protein family	1.7	2.7E-02	7.1E-02	-2.1	5.2E-03	4.8E-02
AT4G37410	<i>CYP81F4</i>	cytochrome P450, family 81, subfamily F, polypeptide 4	1.1	7.0E-01	8.1E-01	-2.1	3.1E-05	1.5E-03
AT1G01130	<i>AT1G01130</i>	CBL-interacting Serine/Threonine-kinase	-1.3	2.6E-01	4.1E-01	-2.1	1.9E-03	2.5E-02
AT5G43660	<i>AT5G43660</i>	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein	-1.2	3.4E-01	4.9E-01	-2.1	3.8E-04	8.1E-03
AT1G27030	<i>AT1G27030</i>	hypothetical protein	-1.5	4.3E-03	1.6E-02	-2.1	3.1E-06	3.0E-04
AT5G64870	<i>AT5G64870</i>	SPFH/Band 7/PHB domain-containing membrane-associated protein family	-2.0	1.3E-03	6.1E-03	-2.1	6.2E-04	1.2E-02
AT1G69840	<i>AT1G69840</i>	SPFH/Band 7/PHB domain-containing membrane-associated protein family	-1.7	2.4E-04	1.5E-03	-2.1	2.2E-06	2.5E-04
AT1G78490	<i>CYP708A3</i>	cytochrome P450, family 708, subfamily A, polypeptide 3	-1.7	4.6E-04	2.5E-03	-2.1	3.9E-06	3.6E-04
AT4G24265	<i>AT4G24265</i>	homeobox protein	-2.0	2.9E-04	1.7E-03	-2.1	2.3E-04	5.8E-03
AT4G38770	<i>PRP4</i>	proline-rich protein 4	-1.1	4.2E-01	5.7E-01	-2.1	1.2E-04	3.5E-03
AT4G20820	<i>AT4G20820</i>	FAD-binding Berberine family protein	1.5	1.0E-02	3.3E-02	-2.1	3.3E-05	1.5E-03
AT2G21100	<i>AT2G21100</i>	Disease resistance-responsive (dirigent-like protein) family protein	1.6	9.7E-03	3.2E-02	-2.1	2.8E-04	6.6E-03
AT1G77400	<i>AT1G77400</i>	extensin-like protein	1.1	6.5E-01	7.7E-01	-2.1	3.5E-04	7.7E-03
AT4G32350	<i>AT4G32350</i>	Regulator of Vps4 activity in the MVB pathway protein	-1.3	5.8E-03	2.1E-02	-2.0	1.0E-10	3.1E-07
AT4G22690	<i>CYP706A1</i>	cytochrome P450, family 706, subfamily A, polypeptide 1	-1.1	7.1E-01	8.2E-01	-2.0	2.5E-04	6.1E-03
AT1G69490	<i>NAP</i>	NAC-like, activated by AP3/PI	-1.1	7.9E-01	8.7E-01	-2.0	2.7E-03	3.1E-02
AT5G63450	<i>CYP94B1</i>	cytochrome P450, family 94, subfamily B, polypeptide 1	1.3	6.2E-02	1.4E-01	-2.0	4.9E-05	2.0E-03
AT5G44670	<i>GALS2</i>	glycosyltransferase family protein (DUF23)	-1.7	1.3E-05	1.2E-04	-2.0	2.7E-08	1.3E-05
AT1G30750	<i>AT1G30750</i>	TPRXL	1.0	9.1E-01	9.5E-01	-2.0	9.9E-05	3.2E-03
AT5G15290	<i>CASP5</i>	Uncharacterized protein family (UPF0497)	-1.4	5.8E-02	1.3E-01	-2.0	2.5E-04	6.1E-03
AT1G04240	<i>SHY2</i>	AUX/IAA transcriptional regulator family protein	-1.9	2.8E-04	1.7E-03	-2.0	8.5E-05	2.9E-03
AT5G15900	<i>TBL19</i>	TRICHOME BIREFRINGENCE-LIKE 19	2.0	3.3E-04	1.9E-03	-2.0	6.2E-04	1.2E-02
AT1G64390	<i>GH9C2</i>	glycosyl hydrolase 9C2	-1.3	7.8E-02	1.6E-01	-2.0	3.2E-06	3.1E-04
AT3G04360	<i>AT3G04360</i>	Calcium-dependent lipid-binding (CaLB domain) family protein	-2.0	4.4E-03	1.7E-02	-2.0	2.7E-03	3.1E-02
AT4G39800	<i>MIPS1</i>	myo-inositol-1-phosphate synthase 1	-1.4	2.6E-02	6.9E-02	-2.0	6.8E-06	5.4E-04
AT1G52290	<i>PERK15</i>	Protein kinase superfamily protein	1.6	1.0E-05	1.0E-04	-2.0	4.3E-08	1.6E-05
AT3G50570	<i>AT3G50570</i>	hydroxyproline-rich glycoprotein family protein	1.4	3.9E-02	9.6E-02	-2.0	1.3E-04	3.9E-03
AT2G06850	<i>XTH4</i>	xyloglucan endotransglucosylase/hydrolase 4	-1.6	1.8E-03	8.1E-03	-2.0	3.6E-05	1.6E-03
AT4G09890	<i>AT4G09890</i>	mediator of RNA polymerase II transcription subunit, putative (DUF3511)	-1.6	1.3E-03	6.1E-03	-2.0	4.7E-06	4.2E-04
AT2G12462	<i>AT2G12462</i>	sterile alpha motif (SAM) domain protein	-1.3	1.6E-02	4.8E-02	-2.0	1.0E-07	2.8E-05
AT2G34490	<i>CYP710A2</i>	cytochrome P450, family 710, subfamily A, polypeptide 2	-1.2	4.4E-01	5.9E-01	-2.0	6.3E-04	1.2E-02
AT1G33170	<i>AT1G33170</i>	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein	1.4	5.6E-02	1.3E-01	-2.0	1.2E-03	1.7E-02
AT1G64660	<i>MGL</i>	methionine gamma-lyase	-1.9	9.5E-04	4.7E-03	-2.0	3.1E-04	7.1E-03
AT1G72230	<i>AT1G72230</i>	Cupredoxin superfamily protein	-1.3	4.6E-02	1.1E-01	-2.0	4.9E-07	8.2E-05
AT4G34710	<i>ADC2</i>	arginine decarboxylase 2	-1.3	9.0E-02	1.8E-01	-2.0	2.2E-05	1.1E-03
AT5G04370	<i>NAMT1</i>	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein	-1.5	2.7E-02	7.1E-02	-2.0	3.8E-04	8.1E-03

<i>pif45</i> /Col WL Up			Col UV/WL			<i>pif45</i> /Col WL		
AGI	gene	description	Col_UV/WL_FC	pvalue	pvalue_with_FDR	<i>pif45</i> /Col_WL_FC	pvalue	pvalue_with_FDR
AT5G10760	<i>AT5G10760</i>	Eukaryotic aspartyl protease family protein	33.9	5.2E-03	1.9E-02	51.2	8.9E-04	1.5E-02
AT4G08093	<i>AT4G08093</i>	pseudogene of dihydroorotate dehydrogenase	-1.2	6.2E-01	7.4E-01	27.6	1.4E-15	1.5E-11
AT1G33960	<i>AIG1</i>	P-loop containing nucleoside triphosphate hydrolases superfamily protein	-3.8	3.7E-01	5.2E-01	20.0	4.0E-04	8.5E-03
AT3G60170	<i>AT3G60170</i>	transposable_element_gene	-6.6	1.6E-01	2.9E-01	17.8	2.8E-05	1.4E-03
AT2G11780	<i>AT2G11780</i>	transposable_element_gene	1.4	7.5E-01	8.4E-01	12.8	5.5E-04	1.1E-02
AT3G21080	<i>AT3G21080</i>	ABC transporter-like protein	11.0	8.1E-04	4.1E-03	11.5	5.6E-04	1.1E-02
AT4G32540	<i>YUC1</i>	Flavin-binding monooxygenase family protein	4.0	3.0E-02	7.8E-02	7.2	1.2E-03	1.8E-02
AT4G15660	<i>AT4G15660</i>	Thioredoxin superfamily protein	3.3	7.1E-03	2.5E-02	6.2	4.9E-05	2.0E-03
AT1G13400	<i>NUB</i>	C2H2 and C2HC zinc fingers superfamily protein	2.8	9.3E-02	1.9E-01	6.0	1.8E-03	2.4E-02
AT1G68480	<i>JAG</i>	C2H2 and C2HC zinc fingers superfamily protein	2.1	1.2E-01	2.4E-01	5.5	2.5E-04	6.1E-03
AT4G09430	<i>AT4G09430</i>	disease resistance protein (TIR-NBS-LRR class)	1.2	7.6E-01	8.5E-01	5.3	2.3E-04	5.8E-03
AT5G07040	<i>AT5G07040</i>	RING/U-box superfamily protein	-1.0	9.8E-01	9.9E-01	5.2	5.5E-03	5.0E-02

AT5G35935	AT5G35935	transposable_element_gene	-1.7	4.1E-02	9.9E-02	5.1	6.7E-08	2.2E-05
AT5G51800	AT5G51800	Protein kinase superfamily protein	2.3	9.6E-02	1.9E-01	4.9	7.0E-04	1.2E-02
AT5G61610	AT5G61610	Oleosin family protein	1.7	3.8E-01	5.3E-01	4.9	2.9E-03	3.2E-02
AT3G28770	AT3G28770	transmembrane protein, putative (DUF1216)	1.5	4.4E-01	5.9E-01	4.8	8.9E-04	1.5E-02
AT5G20240	PI	K-box region and MADS-box transcription factor family protein	2.1	3.0E-02	7.9E-02	4.6	1.4E-05	8.7E-04
AT4G15700	AT4G15700	Thioredoxin superfamily protein	2.6	4.2E-03	1.6E-02	4.5	2.1E-05	1.1E-03
AT4G02960	RE2	transposable_element_gene	1.1	7.7E-01	8.5E-01	4.4	3.8E-04	8.2E-03
AT3G10780	AT3G10780	emp24/gp25L/p24 family/GOLD family protein	-1.9	3.9E-01	5.4E-01	4.4	3.9E-03	4.0E-02
AT2G04135	AT2G04135	transposable_element_gene	-1.0	9.6E-01	9.8E-01	4.0	5.1E-03	4.7E-02
AT5G55450	AT5G55450	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	-1.2	6.1E-01	7.4E-01	4.0	4.7E-04	9.5E-03
AT5G11412	AT5G11412	RNA-binding (RRM/RBD/RNP motifs) family protein	-4.1	2.9E-02	7.5E-02	4.0	7.6E-04	1.3E-02
AT4G29150	IQD25	IQ-domain 25	2.4	6.7E-02	1.5E-01	3.9	3.7E-03	3.8E-02
AT2G25470	RLP21	receptor like protein 21	2.5	4.0E-02	9.9E-02	3.8	2.3E-03	2.8E-02
AT4G23200	CRK12	cysteine-rich RLK (RECEPTOR-like protein kinase) 12	2.0	6.0E-02	1.3E-01	3.8	3.2E-04	7.2E-03
AT4G34950	AT4G34950	Major facilitator superfamily protein	-1.1	5.3E-01	6.7E-01	3.8	3.2E-08	1.4E-05
AT5G20230	BCB	blue-copper-binding protein	6.4	4.8E-10	1.9E-08	3.7	4.4E-07	7.6E-05
AT4G15680	AT4G15680	Thioredoxin superfamily protein	3.9	4.0E-04	2.3E-03	3.6	6.5E-04	1.2E-02
AT5G05900	AT5G05900	UDP-Glycosyltransferase superfamily protein	1.2	6.6E-01	7.7E-01	3.3	3.3E-03	3.6E-02
AT1G02065	SPL8	squamosa promoter binding protein-like 8	2.1	2.3E-02	6.4E-02	3.2	2.7E-04	6.5E-03
AT2G02010	GAD4	glutamate decarboxylase 4	1.2	5.4E-01	6.8E-01	3.2	4.6E-05	1.9E-03
AT1G16510	AT1G16510	SAUR-like auxin-responsive protein family	1.4	2.2E-01	3.7E-01	3.1	2.6E-04	6.3E-03
AT3G08770	LTP6	lipid transfer protein 6	1.6	3.1E-02	8.0E-02	3.1	8.7E-06	6.3E-04
AT5G33370	AT5G33370	GDSL-like Lipase/Acylhydrolase superfamily protein	2.3	1.5E-02	4.6E-02	3.0	1.5E-03	2.1E-02
AT2G35310	AT2G35310	Transcriptional factor B3 family protein	1.2	7.1E-01	8.1E-01	3.0	2.0E-03	2.5E-02
AT2G23050	NPY4	Phototropic-responsive NPH3 family protein	-1.2	5.9E-01	7.2E-01	3.0	2.3E-03	2.8E-02
AT4G22517	AT4G22517	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	1.9	6.7E-02	1.5E-01	2.9	3.3E-03	3.6E-02
AT5G11320	YUC4	Flavin-binding monooxygenase family protein	1.4	2.6E-01	4.0E-01	2.9	4.1E-04	8.6E-03
AT2G16230	AT2G16230	O-Glycosyl hydrolases family 17 protein	-2.2	1.0E-01	2.0E-01	2.9	5.6E-03	5.0E-02
AT4G15690	AT4G15690	Thioredoxin superfamily protein	1.6	1.6E-01	2.9E-01	2.9	1.5E-03	2.1E-02
AT4G15670	AT4G15670	Thioredoxin superfamily protein	2.7	3.8E-03	1.5E-02	2.8	2.5E-03	3.0E-02
AT1G62500	AT1G62500	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	1.2	4.7E-01	6.2E-01	2.8	2.8E-04	6.6E-03
AT1G26680	AT1G26680	transcriptional factor B3 family protein	-1.9	9.1E-02	1.9E-01	2.8	2.5E-03	3.0E-02
AT5G35480	AT5G35480	hypothetical protein	1.7	1.3E-01	2.5E-01	2.8	4.3E-03	4.2E-02
AT3G13400	sk513	SKU5 similar 13	1.7	2.8E-02	7.5E-02	2.7	6.4E-05	2.4E-03
AT4G23590	AT4G23590	Tyrosine transaminase family protein	-2.2	2.5E-02	6.8E-02	2.7	1.1E-03	1.7E-02
AT1G56150	AT1G56150	SAUR-like auxin-responsive protein family	1.1	8.2E-01	8.9E-01	2.7	2.1E-05	1.1E-03
AT3G28220	AT3G28220	TRAF-like family protein	5.8	1.9E-09	6.5E-08	2.7	4.9E-05	2.0E-03
AT4G34400	AT4G34400	AP2/B3-like transcriptional factor family protein	1.8	9.9E-02	2.0E-01	2.7	4.9E-03	4.6E-02
AT3G54160	AT3G54160	RNI-like superfamily protein	1.4	3.9E-01	5.4E-01	2.7	3.6E-03	3.8E-02
AT5G11410	AT5G11410	Protein kinase superfamily protein	3.3	2.0E-04	1.3E-03	2.7	1.6E-03	2.1E-02
AT1G28360	ERF12	ERF domain protein 12	1.3	3.1E-01	4.6E-01	2.7	7.2E-04	1.3E-02
AT4G22485	AT4G22485	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	1.8	8.0E-02	1.7E-01	2.7	4.5E-03	4.4E-02
AT5G53950	CUC2	NAC (No Apical Meristem) domain transcriptional regulator superfamily protein	1.4	3.4E-01	4.9E-01	2.6	1.8E-03	2.3E-02
AT1G73620	AT1G73620	Pathogenesis-related thaumatin superfamily	-1.9	7.0E-02	1.5E-01	2.6	2.3E-03	2.8E-02
AT5G23940	PEL3	HXXXD-type acyl-transferase family protein	2.0	2.6E-04	1.6E-03	2.6	1.2E-06	1.6E-04
AT3G18217	MIR157C		3.2	6.0E-04	3.2E-03	2.6	4.3E-03	4.2E-02
AT1G10000	AT1G10000	Ribonuclease H-like superfamily protein	1.6	1.4E-01	2.5E-01	2.6	4.3E-03	4.2E-02
AT4G29030	AT4G29030	Putative membrane lipoprotein	2.5	1.5E-05	1.4E-04	2.6	8.0E-06	6.0E-04
AT3G06020	FAF4	FANTASTIC four-like protein (DUF3049)	1.2	4.8E-01	6.2E-01	2.6	1.4E-04	4.1E-03
AT3G14530	AT3G14530	Terpenoid synthases superfamily protein	-1.5	2.3E-01	3.7E-01	2.5	4.2E-03	4.2E-02
AT1G75430	BLH11	BEL1-like homeodomain 11	1.2	5.1E-01	6.5E-01	2.5	3.1E-03	3.4E-02
AT5G18600	AT5G18600	Thioredoxin superfamily protein	1.2	3.6E-01	5.2E-01	2.5	3.5E-04	7.7E-03
AT5G48940	AT5G48940	Leucine-rich repeat transmembrane protein kinase family protein	-1.5	2.4E-01	3.9E-01	2.5	3.1E-03	3.4E-02
AT1G64920	AT1G64920	UDP-Glycosyltransferase superfamily protein	-1.5	1.4E-01	2.6E-01	2.5	1.0E-04	3.2E-03
AT5G25980	TGG2	glucoside glucohydrolase 2	1.1	5.4E-01	6.7E-01	2.5	2.0E-05	1.1E-03
AT1G05280	AT1G05280	ERV-F (C)1 provirus ancestral Env polyprotein, putative (DUF604)	-1.4	3.9E-01	5.4E-01	2.5	4.5E-03	4.4E-02
AT2G14820	NPY2	Phototropic-responsive NPH3 family protein	1.0	8.9E-01	9.4E-01	2.5	2.2E-03	2.7E-02
AT4G23750	CRF2	cytokinin response factor 2	1.0	9.6E-01	9.8E-01	2.4	3.6E-07	6.4E-05
AT4G30130	AT4G30130	DUF630 family protein (DUF630 and DUF632)	1.3	3.2E-01	4.7E-01	2.4	7.0E-04	1.2E-02
AT1G13610	AT1G13610	alpha/beta-Hydrolases superfamily protein	10.7	3.4E-11	1.9E-09	2.4	2.7E-03	3.1E-02
AT1G78750	AT1G78750	F-box/RNI-like superfamily protein	1.5	5.3E-02	1.2E-01	2.4	7.1E-05	2.6E-03
AT1G60590	AT1G60590	Pectin lyase-like superfamily protein	4.8	2.8E-08	6.5E-07	2.4	4.0E-04	8.5E-03
AT1G74890	ARR15	response regulator 15	-1.0	8.9E-01	9.4E-01	2.4	2.5E-05	1.3E-03
AT1G03010	AT1G03010	Phototropic-responsive NPH3 family protein	1.8	3.7E-03	1.4E-02	2.4	4.1E-05	1.7E-03
AT2G36770	AT2G36770	UDP-Glycosyltransferase superfamily protein	1.4	2.3E-01	3.7E-01	2.4	3.4E-03	3.6E-02
AT1G53160	SPL4	squamosa promoter binding protein-like 4	-1.2	4.6E-01	6.1E-01	2.3	1.4E-03	2.0E-02
AT2G24700	AT2G24700	Transcriptional factor B3 family protein	1.0	8.3E-01	9.0E-01	2.3	2.0E-04	5.2E-03
AT2G26220	AT2G26220	pseudogene of Polynucleotidyl transferase%2C ribonuclease H-like superfamily protein	-1.3	2.6E-01	4.0E-01	2.3	6.0E-04	1.1E-02
AT4G26150	CGA1	cytokinin-responsive gata factor 1	3.4	1.3E-10	6.1E-09	2.3	3.4E-07	6.2E-05
AT1G11070	AT1G11070	hydroxyproline-rich glycoprotein family protein	-1.9	3.9E-02	9.6E-02	2.3	1.5E-03	2.1E-02
AT5G62360	AT5G62360	Plant invertase/pectin methylesterase inhibitor superfamily protein	2.3	7.1E-04	3.7E-03	2.3	9.4E-04	1.5E-02
AT2G04450	NUDT6	nudix hydrolase homolog 6	-1.6	1.7E-01	3.0E-01	2.3	4.6E-03	4.4E-02

AT5G46500	AT5G46500	protein VARIATION IN COMPOUND TRIGGERED ROOT growth protein	1.3	3.4E-01	4.9E-01	2.3	4.5E-04	9.2E-03
AT2G26211	MIR825A		-1.3	4.6E-01	6.1E-01	2.3	5.3E-03	4.9E-02
AT3G14930	HEME1	Uroporphyrinogen decarboxylase	1.2	2.1E-01	3.5E-01	2.2	6.7E-08	2.2E-05
AT1G68570	AT1G68570	Major facilitator superfamily protein	2.9	2.8E-07	4.7E-06	2.2	3.0E-05	1.4E-03
AT1G63820	AT1G63820	CCT motif family protein	-1.3	2.9E-01	4.4E-01	2.2	5.4E-04	1.0E-02
AT3G44450	AT3G44450	hypothetical protein	30.7	2.7E-21	2.6E-18	2.2	3.4E-04	7.6E-03
AT5G09220	AAP2	amino acid permease 2	-1.7	1.0E-03	5.0E-03	2.2	1.2E-05	7.5E-04
AT5G48820	ICK6	inhibitor/interactor with cyclin-dependent kinase	1.5	8.7E-02	1.8E-01	2.2	1.0E-03	1.6E-02
AT1G22400	UGT85A1	UDP-Glycosyltransferase superfamily protein	2.5	6.1E-08	1.3E-06	2.1	1.5E-06	1.9E-04
AT5G51910	AT5G51910	TCP family transcription factor	1.4	1.9E-02	5.4E-02	2.1	9.6E-06	6.7E-04
AT4G19080	AT4G19080	hypothetical protein (DUF594)	-1.0	8.6E-01	9.2E-01	2.1	4.0E-03	4.1E-02
AT3G49410	AT3G49410	Transcription factor IIIC, subunit 5	1.1	7.1E-01	8.1E-01	2.1	2.3E-03	2.8E-02
AT1G33080	AT1G33080	MATE efflux family protein	1.3	1.6E-01	2.9E-01	2.1	3.2E-04	7.2E-03
AT2G40200	AT2G40200	basic helix-loop-helix (bHLH) DNA-binding superfamily protein	3.9	1.7E-06	2.2E-05	2.1	4.5E-03	4.4E-02
AT3G24240	AT3G24240	Leucine-rich repeat receptor-like protein kinase family protein	1.6	1.7E-02	5.1E-02	2.1	5.3E-04	1.0E-02
AT5G08030	GDPD6	PLC-like phosphodiesterases superfamily protein	-1.1	6.5E-01	7.7E-01	2.1	1.9E-03	2.4E-02
AT2G15880	AT2G15880	Leucine-rich repeat (LRR) family protein	-1.4	1.1E-02	3.4E-02	2.1	4.2E-06	3.8E-04
AT3G08920	AT3G08920	Rhodanese/Cell cycle control phosphatase superfamily protein	1.1	2.6E-01	4.1E-01	2.1	2.2E-09	2.0E-06
AT5G24420	PGL5	6-phosphogluconolactonase 5	5.9	1.7E-10	8.1E-09	2.1	9.9E-04	1.6E-02
AT5G44572	AT5G44572	transmembrane protein	1.6	1.7E-03	7.5E-03	2.1	1.6E-05	9.3E-04
AT3G13960	GRF5	growth-regulating factor 5	1.0	9.1E-01	9.5E-01	2.1	4.1E-03	4.1E-02
AT2G23130	AGP17	arabinogalactan protein 17	1.8	5.5E-07	8.4E-06	2.1	8.8E-09	5.9E-06
AT2G29670	AT2G29670	Tetratricopeptide repeat (TPR)-like superfamily protein	2.4	1.6E-05	1.5E-04	2.1	2.3E-04	5.8E-03
AT1G35730	PUM9	pumilio 9	-2.0	2.0E-02	5.7E-02	2.1	5.2E-03	4.8E-02
AT3G15850	FAD5	fatty acid desaturase 5	2.8	6.7E-09	1.9E-07	2.1	3.8E-06	3.5E-04
AT5G27230	AT5G27230	Frigida-like protein	1.4	1.2E-01	2.3E-01	2.1	5.8E-04	1.1E-02
AT5G09445	AT5G09445	hypothetical protein	1.3	2.4E-01	3.8E-01	2.0	2.9E-03	3.3E-02
AT1G33930	AT1G33930	P-loop containing nucleoside triphosphate hydrolases superfamily protein	1.3	2.4E-01	3.8E-01	2.0	1.2E-03	1.8E-02
AT2G33850	AT2G33850	E6-like protein	2.0	5.2E-04	2.8E-03	2.0	3.9E-04	8.4E-03
AT3G20440	EMB2729	Alpha amylase family protein	2.6	1.9E-05	1.7E-04	2.0	9.1E-04	1.5E-02
AT5G64490	AT5G64490	ARM repeat superfamily protein	-1.5	8.2E-02	1.7E-01	2.0	7.8E-04	1.3E-02
AT1G26790	AT1G26790	Dof-type zinc finger DNA-binding family protein	6.4	2.2E-11	1.3E-09	2.0	1.4E-03	2.0E-02

Col UV/WL Down			Col UV/WL			pif45 / Col WL		
AGI	gene	description	Col_UV/WL_FC	pvalue	pvalue_with_FDR	pif45 / Col_WL_FC	pvalue	pvalue_with_FDR
AT1G74110	CYP78A10	cytochrome P450, family 78, subfamily A, polypeptide 10	-64.2	2.8E-03	1.1E-02	-18.3	6.1E-03	5.3E-02
ATMG01320	NAD2B	NADH dehydrogenase 2B	-58.9	5.6E-04	3.0E-03	-4.4	2.5E-02	1.3E-01
AT5G10040	AT5G10040	transmembrane protein	-47.7	2.5E-03	1.1E-02	1.7	3.0E-01	5.6E-01
AT1G52580	RBL5	RHOMBOID-like protein 5	-34.7	2.6E-03	1.1E-02	-1.5	4.8E-01	7.2E-01
AT4G11020	AT4G11020	hypothetical protein	-32.6	7.7E-03	2.6E-02	-1.8	4.0E-01	6.5E-01
AT3G28310	AT3G28310	hypothetical protein (DUF677)	-32.2	2.1E-03	9.2E-03	-1.4	5.6E-01	7.7E-01
AT4G37950	AT4G37950	Rhamnogalacturonate lyase family protein	-27.6	1.4E-07	2.6E-06	1.2	5.3E-01	7.6E-01
AT5G54190	PORA	protochlorophyllide oxidoreductase A	-23.9	2.0E-08	4.8E-07	-1.1	8.5E-01	9.4E-01
AT2G33790	AGP30	arabinogalactan protein 30	-19.4	4.3E-07	6.8E-06	2.2	1.2E-02	8.4E-02
AT2G43860	AT2G43860	Pectin lyase-like superfamily protein	-16.9	2.5E-05	2.2E-04	-2.4	3.6E-02	1.7E-01
AT2G14560	LURP1	LURP-one-like protein (DUF567)	-14.7	8.8E-05	6.3E-04	-1.4	4.0E-01	6.5E-01
AT1G70260	UMAMIT36	nodulin MtN21 /EamA-like transporter family	-12.6	1.6E-05	1.5E-04	-2.3	4.5E-02	1.9E-01
AT1G70130	AT1G70130	Concanavalin A-like lectin protein kinase family protein	-12.4	1.5E-02	4.4E-02	-7.7	2.4E-02	1.3E-01
AT2G44840	ERF13	ethylene-responsive element binding factor 13	-12.4	1.7E-04	1.1E-03	-1.3	5.4E-01	7.6E-01
AT2G41280	M10	late embryogenesis abundant protein (M10) / LEA protein M10	-11.1	6.4E-03	2.3E-02	-3.8	4.7E-02	2.0E-01
AT3G57950	AT3G57950	cotton fiber protein	-10.8	7.3E-04	3.7E-03	1.9	9.5E-02	3.0E-01
AT5G46890	AT5G46890	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	-10.6	4.7E-17	1.5E-14	1.3	3.9E-02	1.7E-01
AT5G02000	AT5G02000	hypothetical protein	-10.1	3.8E-03	1.5E-02	1.7	2.0E-01	4.5E-01
AT3G28380	ABCB17	P-glycoprotein 17	-10.0	3.4E-03	1.3E-02	1.3	5.4E-01	7.6E-01
AT1G23160	AT1G23160	Auxin-responsive GH3 family protein	-9.8	2.7E-07	4.6E-06	1.7	4.1E-02	1.8E-01
AT2G44220	AT2G44220	NEP-interacting protein (DUF239)	-9.8	5.1E-03	1.9E-02	-3.0	6.5E-02	2.4E-01
AT2G26390	AT2G26390	Serine protease inhibitor (SERPIN) family protein	-9.8	4.4E-05	3.5E-04	-1.9	8.4E-02	2.8E-01
AT2G22930	AT2G22930	UDP-Glycosyltransferase superfamily protein	-9.4	3.5E-10	1.5E-08	1.4	5.6E-02	2.2E-01
AT1G62280	SLAH1	SLAC1 homologue 1	-9.3	9.2E-11	4.7E-09	-1.4	9.7E-02	3.0E-01
AT4G00910	AT4G00910	aluminum activated malate transporter family protein	-9.0	4.3E-13	4.3E-11	-1.2	3.1E-01	5.8E-01
AT4G01890	AT4G01890	Pectin lyase-like superfamily protein	-8.9	4.6E-07	7.2E-06	1.1	7.2E-01	8.8E-01
AT1G19250	FMO1	flavin-dependent monooxygenase 1	-8.7	2.4E-07	4.1E-06	1.1	6.6E-01	8.4E-01
AT1G06350	ADS4	Fatty acid desaturase family protein	-8.7	4.1E-12	3.0E-10	-1.7	3.8E-03	3.9E-02
AT4G33790	CER4	Jojoba acyl CoA reductase-related male sterility protein	-8.6	7.5E-09	2.1E-07	-1.1	6.4E-01	8.3E-01
AT3G51410	AT3G51410	hypothetical protein (DUF241)	-8.6	1.1E-02	3.6E-02	-2.0	2.4E-01	5.0E-01
AT4G19690	IRT1	iron-regulated transporter 1	-8.5	1.6E-04	1.1E-03	-2.0	1.3E-01	3.5E-01
AT1G44020	AT1G44020	Cysteine/Histidine-rich C1 domain family protein	-8.2	7.2E-06	7.6E-05	-1.6	1.4E-01	3.7E-01
ATCG00450	TRNV.1	tRNA-Val	-8.0	5.9E-03	2.1E-02	-6.0	9.5E-03	7.1E-02
AT3G15250	AT3G15250	TPRXL	-7.8	1.1E-05	1.1E-04	1.1	8.1E-01	9.2E-01
AT5G26300	AT5G26300	TRAF-like family protein	-7.7	4.0E-03	1.6E-02	-1.6	3.4E-01	6.0E-01
AT2G13810	ALD1	AGD2-like defense response protein 1	-7.4	1.5E-05	1.4E-04	1.5	1.6E-01	3.9E-01

AT3G47760	<i>ABCA5</i>	ABC2 homolog 4	-7.3	9.9E-03	3.2E-02	-1.1	8.8E-01	9.5E-01
AT5G62330	<i>AT5G62330</i>	hypothetical protein	-7.3	9.0E-04	4.5E-03	1.6	1.5E-01	3.8E-01
AT3G55515	<i>RTFL7</i>	ROTUNDIFOLIA like 7	-7.2	1.3E-03	6.3E-03	-1.6	2.6E-01	5.3E-01
ATCG00920	<i>RRN16S.1</i>		-7.1	6.2E-03	2.2E-02	-4.8	1.8E-02	1.1E-01
AT3G06437	<i>AT3G06437</i>	pseudogene of hypothetical protein	-7.1	8.6E-03	2.9E-02	-2.0	2.1E-01	4.6E-01
AT3G55180	<i>AT3G55180</i>	alpha/beta-Hydrolases superfamily protein	-7.0	6.6E-03	2.3E-02	-1.2	6.4E-01	8.3E-01
AT5G46900	<i>AT5G46900</i>	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	-6.9	1.7E-12	1.4E-10	1.4	2.3E-02	1.2E-01
AT1G44318	<i>hemb2</i>	Aldolase superfamily protein	-6.9	1.6E-04	1.1E-03	-1.2	5.5E-01	7.7E-01
AT3G02810	<i>AT3G02810</i>	Protein kinase superfamily protein	-6.7	6.5E-04	3.4E-03	-2.1	6.7E-02	2.4E-01
AT1G63950	<i>AT1G63950</i>	Heavy metal transport/detoxification superfamily protein	-6.7	3.9E-03	1.5E-02	1.2	6.6E-01	8.4E-01
AT5G10430	<i>AGP4</i>	arabinogalactan protein 4	-6.5	2.7E-12	2.1E-10	-1.9	4.0E-04	8.4E-03
AT5G60010	<i>AT5G60010</i>	ferric reductase-like transmembrane component family protein	-6.3	7.5E-04	3.9E-03	-1.8	1.4E-01	3.7E-01
AT2G31082	<i>CLE7</i>	CLAVATA3/ESR-RELATED 7	-6.3	4.1E-03	1.6E-02	1.2	6.7E-01	8.4E-01
AT4G29450	<i>AT4G29450</i>	Leucine-rich repeat protein kinase family protein	-6.2	5.9E-07	8.9E-06	1.0	9.1E-01	9.7E-01
ATCG01180	<i>RRN23S.2</i>		-6.1	1.9E-03	8.1E-03	-2.8	3.6E-02	1.6E-01
AT5G44770	<i>AT5G44770</i>	Cysteine/Histidine-rich C1 domain family protein	-6.1	1.4E-02	4.2E-02	1.7	2.3E-01	4.9E-01
AT4G22217	<i>AT4G22217</i>	defensin-like protein	-6.0	7.0E-03	2.5E-02	-1.5	3.7E-01	6.3E-01
AT4G21850	<i>MSRB9</i>	methionine sulfoxide reductase B9	-5.8	4.7E-12	3.4E-10	1.3	6.5E-02	2.4E-01
AT4G26460	<i>AT4G26460</i>	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein	-5.8	6.4E-03	2.3E-02	1.3	5.6E-01	7.8E-01
AT5G67060	<i>HEC1</i>	basic helix-loop-helix (bHLH) DNA-binding superfamily protein	-5.7	3.0E-09	9.6E-08	-1.8	4.8E-03	4.6E-02
AT5G33390	<i>AT5G33390</i>	glycine-rich protein	-5.6	7.8E-03	2.7E-02	-2.8	5.1E-02	2.1E-01
AT2G38600	<i>AT2G38600</i>	HAD superfamily, subfamily IIIB acid phosphatase	-5.6	1.4E-04	9.3E-04	-1.4	2.5E-01	5.2E-01
AT3G01260	<i>AT3G01260</i>	Galactose mutarotase-like superfamily protein	-5.5	1.8E-12	1.5E-10	1.2	1.3E-01	3.6E-01
AT1G67100	<i>LBD40</i>	LOB domain-containing protein 40	-5.5	1.6E-06	2.1E-05	-1.3	3.6E-01	6.2E-01
AT3G45960	<i>EXLA3</i>	expansin-like A3	-5.5	6.9E-06	7.3E-05	-1.2	4.5E-01	7.0E-01
AT1G60050	<i>UMAMIT35</i>	Nodulin MtN21 /EamA-like transporter family protein	-5.4	1.2E-05	1.2E-04	-1.1	6.2E-01	8.2E-01
AT5G01330	<i>PDC3</i>	pyruvate decarboxylase-3	-5.4	4.7E-11	2.6E-09	-1.1	6.6E-01	8.4E-01
AT5G05290	<i>EXPA2</i>	expansin A2	-5.3	1.3E-06	1.8E-05	1.4	1.5E-01	3.9E-01
AT2G44910	<i>HB4</i>	homeobox-leucine zipper protein 4	-5.2	1.0E-04	7.3E-04	-2.7	8.6E-03	6.7E-02
ATCG00570	<i>PSBF</i>	photosystem II reaction center protein F	-5.2	1.5E-02	4.4E-02	-3.6	3.9E-02	1.7E-01
AT4G23030	<i>AT4G23030</i>	MATE efflux family protein	-5.2	6.7E-13	6.4E-11	-1.4	1.4E-02	9.0E-02
AT1G70850	<i>MLP34</i>	MLP-like protein 34	-5.2	7.1E-08	1.4E-06	-1.8	1.7E-02	1.0E-01
AT1G77530	<i>AT1G77530</i>	O-methyltransferase family protein	-5.2	2.2E-04	1.4E-03	1.1	6.8E-01	8.5E-01
AT2G40250	<i>AT2G40250</i>	SGNH hydrolase-type esterase superfamily protein	-5.2	7.7E-03	2.6E-02	-1.2	7.3E-01	8.8E-01
AT2G17850	<i>AT2G17850</i>	Rhodanese/Cell cycle control phosphatase superfamily protein	-5.2	2.7E-04	1.6E-03	1.1	7.2E-01	8.7E-01
AT1G04560	<i>AT1G04560</i>	AWPM-19-like family protein	-5.1	8.7E-03	2.9E-02	1.8	1.7E-01	4.1E-01
AT3G12240	<i>SCPL15</i>	serine carboxypeptidase-like 15	-5.1	1.8E-07	3.1E-06	1.3	1.4E-01	3.8E-01
AT5G59370	<i>ACT4</i>	actin 4	-5.0	3.4E-03	1.4E-02	-1.7	1.9E-01	4.5E-01
AT4G25250	<i>AT4G25250</i>	Plant invertase/pectin methylesterase inhibitor superfamily protein	-5.0	4.2E-08	9.1E-07	1.7	7.2E-03	5.9E-02
AT5G39820	<i>NAC094</i>	NAC domain containing protein 94	-5.0	1.3E-02	4.1E-02	1.1	8.6E-01	9.5E-01
AT3G17760	<i>GAD5</i>	glutamate decarboxylase 5	-5.0	9.2E-03	3.0E-02	1.4	4.0E-01	6.5E-01
AT4G09130	<i>AT4G09130</i>	RING/U-box superfamily protein	-5.0	9.0E-04	4.5E-03	-1.1	7.5E-01	8.9E-01
AT1G23060	<i>MDP40</i>	hypothetical protein	-5.0	8.9E-09	2.4E-07	-1.7	7.2E-03	5.9E-02
ATMG01130	<i>ORF106F</i>	hypothetical protein	-4.9	8.4E-03	2.8E-02	-1.7	2.6E-01	5.2E-01
AT3G59370	<i>AT3G59370</i>	Vacuolar calcium-binding protein-like protein	-4.9	1.6E-09	5.5E-08	1.4	5.6E-02	2.2E-01
AT5G62340	<i>AT5G62340</i>	Plant invertase/pectin methylesterase inhibitor superfamily protein	-4.9	2.3E-04	1.4E-03	2.1	2.5E-02	1.3E-01
AT5G25415	<i>AT5G25415</i>	hypothetical protein (DUF239)	-4.8	1.9E-05	1.8E-04	1.8	1.3E-02	8.8E-02
AT3G47380	<i>AT3G47380</i>	Plant invertase/pectin methylesterase inhibitor superfamily protein	-4.8	1.7E-04	1.1E-03	1.6	1.3E-01	3.6E-01
AT3G50130	<i>AT3G50130</i>	transmembrane protein, putative (DUF247)	-4.8	7.6E-11	3.9E-09	-1.4	1.8E-02	1.1E-01
AT4G34790	<i>AT4G34790</i>	SAUR-like auxin-responsive protein family	-4.7	1.3E-09	4.7E-08	-1.1	4.5E-01	7.0E-01
AT3G19320	<i>AT3G19320</i>	Leucine-rich repeat (LRR) family protein	-4.7	6.1E-06	6.6E-05	1.1	6.4E-01	8.3E-01
AT5G63650	<i>SNRK2.5</i>	SNF1-related protein kinase 2.5	-4.7	3.9E-09	1.2E-07	-1.7	4.5E-03	4.4E-02
ATCG00490	<i>RBCL</i>	ribulose-bisphosphate carboxylase	-4.7	6.6E-03	2.3E-02	-3.8	1.6E-02	9.9E-02
AT1G06120	<i>AT1G06120</i>	Fatty acid desaturase family protein	-4.7	2.7E-08	6.2E-07	1.3	1.3E-01	3.6E-01
ATCG00950	<i>RRN23S.1</i>		-4.7	7.4E-03	2.6E-02	-3.5	2.3E-02	1.2E-01
AT2G28780	<i>AT2G28780</i>	P-hydroxybenzoic acid efflux pump subunit	-4.7	4.9E-12	3.5E-10	1.1	5.3E-01	7.5E-01
AT3G50330	<i>HEC2</i>	basic helix-loop-helix (bHLH) DNA-binding superfamily protein	-4.6	2.4E-03	1.0E-02	-1.7	1.7E-01	4.2E-01
AT5G44417	<i>AT5G44417</i>	pseudogene of FAD-binding Berberine family	-4.6	2.7E-06	3.3E-05	1.3	2.1E-01	4.6E-01
AT1G22290	<i>AT1G22290</i>	14-3-3 family protein	-4.6	1.5E-05	1.4E-04	-1.2	4.8E-01	7.2E-01
AT3G46400	<i>AT3G46400</i>	Leucine-rich repeat protein kinase family protein	-4.6	1.5E-06	2.0E-05	1.2	4.6E-01	7.0E-01
AT3G27970	<i>AT3G27970</i>	Exonuclease family protein	-4.6	1.3E-03	6.0E-03	-1.4	4.0E-01	6.5E-01
ATCG00580	<i>PSBE</i>	photosystem II reaction center protein E	-4.6	9.5E-03	3.1E-02	-3.8	1.7E-02	1.0E-01
AT1G11125	<i>AT1G11125</i>	hypothetical protein	-4.5	4.8E-06	5.5E-05	-1.6	4.6E-02	1.9E-01
AT4G12510	<i>AT4G12510</i>	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	-4.5	5.6E-10	2.2E-08	1.2	2.1E-01	4.7E-01
AT3G55310	<i>AT3G55310</i>	NAD(P)-binding Rossmann-fold superfamily protein	-4.4	1.3E-04	8.8E-04	1.3	4.2E-01	6.7E-01
AT5G58784	<i>AT5G58784</i>	Undecaprenyl pyrophosphate synthetase family protein	-4.4	5.2E-04	2.8E-03	1.6	9.9E-02	3.1E-01
AT2G04038	<i>bZIP48</i>	basic leucine-zipper 48	-4.4	7.1E-03	2.5E-02	1.6	2.0E-01	4.6E-01
AT2G39510	<i>UMAMIT14</i>	nodulin MtN21 /EamA-like transporter family	-4.4	1.3E-02	4.0E-02	2.5	1.4E-02	9.1E-02
AT3G53232	<i>RTFL1</i>	ROTUNDIFOLIA like 1	-4.4	5.5E-03	2.0E-02	-3.8	8.1E-03	6.5E-02
AT1G32450	<i>NRT1.5</i>	nitrate transporter 1.5	-4.4	1.9E-10	8.6E-09	1.4	3.2E-02	1.5E-01

AT2G20750	<i>EXPB1</i>	expansin B1	-4.4	3.1E-13	3.3E-11	-1.5	2.5E-03	2.9E-02
AT1G54020	<i>AT1G54020</i>	GDSL-like Lipase/Acylhydrolase superfamily protein	-4.3	5.4E-03	2.0E-02	1.2	5.9E-01	7.9E-01
AT1G68825	<i>RTFL15</i>	ROTUNDIFOLIA like 15	-4.3	4.8E-03	1.8E-02	-1.2	6.9E-01	8.6E-01
AT2G03370	<i>AT2G03370</i>	O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase-like protein	-4.3	2.9E-05	2.5E-04	1.2	4.7E-01	7.2E-01
AT1G27140	<i>GSTU14</i>	glutathione S-transferase tau 14	-4.3	2.5E-05	2.2E-04	1.9	1.1E-02	7.6E-02
AT1G13420	<i>ST4B</i>	sulfotransferase 4B	-4.3	3.7E-07	6.0E-06	1.3	1.5E-01	3.9E-01
AT3G27500	<i>AT3G27500</i>	Cysteine/Histidine-rich C1 domain family protein	-4.3	4.4E-08	9.4E-07	-1.9	1.1E-03	1.7E-02
AT1G05420	<i>OFFP12</i>	ovate family protein 12	-4.3	8.8E-08	1.7E-06	-1.7	1.1E-02	7.8E-02
AT4G22610	<i>AT4G22610</i>	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	-4.3	1.0E-04	7.1E-04	1.4	2.7E-01	5.4E-01
AT4G11310	<i>AT4G11310</i>	Papain family cysteine protease	-4.2	7.7E-05	5.7E-04	-2.1	9.9E-03	7.3E-02
AT2G01610	<i>AT2G01610</i>	Plant invertase/pectin methylesterase inhibitor superfamily protein	-4.2	1.2E-03	5.6E-03	-1.2	5.2E-01	7.5E-01
AT1G45035	<i>AT1G45035</i>	transposable_element_gene	-4.2	6.7E-04	3.5E-03	1.1	7.8E-01	9.0E-01
AT3G53250	<i>AT3G53250</i>	SAUR-like auxin-responsive protein family	-4.2	3.2E-09	1.0E-07	-1.7	2.3E-03	2.8E-02
AT2G41850	<i>PGAZAT</i>	polygalacturonase ADPG2-like protein	-4.2	9.7E-04	4.8E-03	-1.3	5.2E-01	7.5E-01
AT2G43480	<i>AT2G43480</i>	Peroxidase superfamily protein	-4.2	5.9E-03	2.1E-02	1.3	5.3E-01	7.6E-01
AT5G46845	<i>MIR160C</i>		-4.2	3.2E-04	1.9E-03	1.1	7.7E-01	9.0E-01
AT4G01140	<i>AT4G01140</i>	transmembrane protein, putative (DUF1191)	-4.2	6.3E-10	2.4E-08	-1.2	1.7E-01	4.2E-01
AT5G15150	<i>HB-3</i>	homeobox 3	-4.2	5.2E-11	2.9E-09	-1.8	1.9E-04	5.0E-03
AT4G30290	<i>XTH19</i>	xyloglucan endotransglucosylase/hydrolase 19	-4.1	1.1E-08	2.9E-07	-1.4	8.4E-02	2.8E-01
AT2G31083	<i>CLE5</i>	CLAVATA3/ESR-RELATED 5	-4.1	2.4E-07	4.1E-06	1.1	5.9E-01	7.9E-01
AT1G51260	<i>LPAT3</i>	lysophosphatidyl acyltransferase 3	-4.1	2.8E-04	1.7E-03	1.1	7.2E-01	8.8E-01
AT4G03480	<i>AT4G03480</i>	Ankyrin repeat family protein	-4.1	6.6E-06	7.1E-05	-1.3	2.0E-01	4.6E-01
AT1G29090	<i>AT1G29090</i>	Cysteine proteinases superfamily protein	-4.1	1.6E-04	1.1E-03	-1.2	5.3E-01	7.5E-01
AT1G61480	<i>AT1G61480</i>	S-locus lectin protein kinase family protein	-4.1	4.6E-04	2.6E-03	-1.0	9.2E-01	9.7E-01
ATCG00630	<i>PSAJ</i>	PSAJ	-4.1	1.1E-02	3.6E-02	-3.4	2.0E-02	1.1E-01
AT3G50120	<i>AT3G50120</i>	transmembrane protein, putative (DUF247)	-4.0	6.7E-09	1.9E-07	-2.0	2.2E-04	5.7E-03
AT4G22230	<i>AT4G22230</i>	defensin-like protein	-4.0	3.8E-05	3.1E-04	1.3	2.9E-01	5.6E-01
AT3G27490	<i>AT3G27490</i>	Cysteine/Histidine-rich C1 domain family protein	-4.0	3.5E-03	1.4E-02	-1.3	5.1E-01	7.4E-01
AT1G48670	<i>AT1G48670</i>	auxin-responsive GH3 family protein	-4.0	6.4E-05	4.9E-04	-1.2	5.6E-01	7.8E-01
AT2G33230	<i>YUCCA 7</i>	YUCCA 7	-4.0	4.6E-03	1.7E-02	-1.5	2.9E-01	5.6E-01
AT4G21830	<i>MSTRB7</i>	methionine sulfoxide reductase B7	-4.0	6.6E-06	7.1E-05	1.8	1.1E-02	7.7E-02
ATCG00140	<i>ATPH</i>	ATP synthase subunit C family protein	-4.0	8.9E-03	3.0E-02	-2.1	1.1E-01	3.3E-01
AT2G31540	<i>AT2G31540</i>	GDSL-like Lipase/Acylhydrolase superfamily protein	-4.0	7.8E-05	5.7E-04	1.6	5.9E-02	2.2E-01
AT3G24450	<i>AT3G24450</i>	Heavy metal transport/detoxification superfamily protein	-4.0	5.8E-11	3.1E-09	-1.9	3.9E-05	1.7E-03
AT1G69150	<i>AT1G69150</i>	Cysteine/Histidine-rich C1 domain family protein	-3.9	5.2E-04	2.8E-03	-1.5	1.9E-01	4.5E-01
AT5G04180	<i>ACA3</i>	alpha carbonic anhydrase 3	-3.9	3.1E-04	1.8E-03	-1.1	6.9E-01	8.6E-01
ATMG01390	<i>RRN18</i>		-3.9	6.0E-03	2.2E-02	-3.5	1.0E-02	7.5E-02
AT5G16170	<i>AT5G16170</i>	Core-2/I-branching beta-1,6-N-acetylglucosaminyltransferase family protein	-3.9	8.9E-09	2.4E-07	1.1	4.6E-01	7.1E-01
AT2G41480	<i>AT2G41480</i>	peroxidase superfamily protein	-3.9	5.3E-05	4.2E-04	-2.1	7.6E-03	6.2E-02
AT3G49950	<i>AT3G49950</i>	GRAS family transcription factor	-3.8	6.3E-04	3.3E-03	-1.5	1.8E-01	4.3E-01
AT5G23980	<i>FRO4</i>	ferric reduction oxidase 4	-3.8	2.0E-03	8.8E-03	-1.2	6.8E-01	8.5E-01
AT3G50290	<i>AT3G50290</i>	HXXXD-type acyl-transferase family protein	-3.8	1.0E-04	7.1E-04	1.4	1.3E-01	3.6E-01
AT2G34390	<i>NIP2</i>		-3.8	7.8E-03	2.7E-02	1.8	1.1E-01	3.2E-01
AT3G49620	<i>DIN11</i>	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein	-3.8	9.7E-05	6.9E-04	-1.0	8.6E-01	9.5E-01
AT1G09400	<i>AT1G09400</i>	FMN-linked oxidoreductases superfamily protein	-3.8	2.7E-03	1.1E-02	-2.7	1.3E-02	8.9E-02
AT5G19110	<i>AT5G19110</i>	Eukaryotic aspartyl protease family protein	-3.8	3.6E-03	1.4E-02	1.6	1.4E-01	3.8E-01
AT5G14180	<i>MPL1</i>	Myzus persicae-induced lipase 1	-3.8	2.5E-11	1.5E-09	-1.5	1.9E-03	2.4E-02
AT2G22122	<i>AT2G22122</i>	hypothetical protein	-3.7	2.7E-10	1.2E-08	-1.0	9.4E-01	9.8E-01
AT4G12520	<i>AT4G12520</i>	Bifunctional inhibitor/lipid-transfer protein/seed storage 2S albumin superfamily protein	-3.7	1.4E-07	2.5E-06	1.2	4.2E-01	6.7E-01
ATMG00880	<i>ORF187</i>	hypothetical protein	-3.7	1.4E-02	4.2E-02	-3.2	2.4E-02	1.3E-01
AT2G46990	<i>IAA20</i>	indole-3-acetic acid inducible 20	-3.7	1.0E-04	7.4E-04	-1.7	5.5E-02	2.1E-01
AT1G15640	<i>AT1G15640</i>	transmembrane protein	-3.7	3.2E-05	2.7E-04	-1.1	9.2E-01	9.7E-01
AT2G18620	<i>AT2G18620</i>	Terpenoid synthases superfamily protein	-3.7	1.3E-06	1.7E-05	1.1	6.3E-01	8.2E-01
AT5G20710	<i>BGAL7</i>	beta-galactosidase 7	-3.6	4.4E-07	7.0E-06	-1.8	4.6E-03	4.4E-02
AT5G42380	<i>CML37</i>	calmodulin like 37	-3.6	1.7E-02	4.9E-02	-1.7	2.4E-01	5.1E-01
AT5G24960	<i>CYP71A14</i>	cytochrome P450, family 71, subfamily A, polypeptide 14	-3.6	5.0E-04	2.7E-03	1.3	2.8E-01	5.4E-01
AT4G37970	<i>CAD6</i>	cinnamyl alcohol dehydrogenase 6	-3.6	1.1E-03	5.4E-03	1.0	8.7E-01	9.5E-01
AT4G20040	<i>AT4G20040</i>	Pectin lyase-like superfamily protein	-3.6	1.3E-04	8.7E-04	-1.5	1.2E-01	3.5E-01
AT1G35250	<i>AT1G35250</i>	Thioesterase superfamily protein	-3.6	4.6E-05	3.7E-04	-1.8	2.2E-02	1.2E-01
AT4G26320	<i>AGP13</i>	arabinogalactan protein 13	-3.5	9.5E-08	1.8E-06	1.2	1.8E-01	4.3E-01
AT4G15290	<i>ATCSLB05</i>	Cellulose synthase family protein	-3.5	9.4E-07	1.3E-05	1.3	2.0E-01	4.5E-01
AT1G66930	<i>AT1G66930</i>	Protein kinase superfamily protein	-3.5	2.0E-05	1.8E-04	-1.0	8.3E-01	9.4E-01
AT5G02580	<i>AT5G02580</i>	argininosuccinate lyase	-3.5	4.1E-06	4.7E-05	-1.3	1.9E-01	4.4E-01
AT5G52790	<i>AT5G52790</i>	CBS domain protein with a domain protein (DUF21)	-3.5	8.2E-09	2.2E-07	-1.1	6.8E-01	8.5E-01
AT4G11320	<i>AT4G11320</i>	Papain family cysteine protease	-3.5	2.3E-09	7.7E-08	-1.8	2.8E-04	6.5E-03
AT5G26070	<i>AT5G26070</i>	hydroxyproline-rich glycoprotein family protein	-3.5	5.0E-03	1.8E-02	1.1	6.7E-01	8.5E-01
AT1G43800	<i>FTM1</i>	Plant stearyl-acyl-carrier-protein desaturase family protein	-3.5	1.5E-03	6.7E-03	1.5	2.4E-01	5.0E-01
AT3G59730	<i>AT3G59730</i>	Concanavalin A-like lectin protein kinase family protein	-3.5	2.8E-04	1.7E-03	1.3	3.5E-01	6.1E-01
AT1G35210	<i>AT1G35210</i>	hypothetical protein	-3.4	1.2E-02	3.9E-02	-2.4	4.6E-02	1.9E-01
AT3G05950	<i>AT3G05950</i>	RmlC-like cupins superfamily protein	-3.4	4.6E-03	1.7E-02	1.9	6.5E-02	2.4E-01
AT1G53830	<i>PME2</i>	pectin methylesterase 2	-3.4	1.8E-12	1.5E-10	1.1	5.7E-01	7.9E-01
AT2G35750	<i>AT2G35750</i>	transmembrane protein	-3.4	4.6E-05	3.7E-04	-1.6	5.6E-02	2.2E-01
AT1G66460	<i>AT1G66460</i>	Protein kinase superfamily protein	-3.4	4.2E-04	2.4E-03	-1.5	1.6E-01	4.0E-01

AT1G03820	AT1G03820	E6-like protein	-3.4	6.5E-07	9.7E-06	-1.9	1.6E-03	2.2E-02
AT4G02290	GH9B13	glycosyl hydrolase 9B13	-3.4	3.1E-10	1.3E-08	1.2	1.8E-01	4.3E-01
AT2G39370	MAKR4	membrane-associated kinase regulator	-3.3	1.8E-06	2.3E-05	-1.1	4.6E-01	7.1E-01
AT1G61840	AT1G61840	Cysteine/Histidine-rich C1 domain family protein	-3.3	1.8E-05	1.6E-04	1.2	5.0E-01	7.3E-01
ATMG01360	COX1	cytochrome oxidase	-3.3	1.6E-02	4.7E-02	-3.9	7.8E-03	6.3E-02
AT2G24300	AT2G24300	Calmodulin-binding protein	-3.3	2.1E-10	9.4E-09	-1.3	2.4E-02	1.3E-01
AT4G08620	SULTR1		-3.3	7.8E-05	5.7E-04	1.1	7.7E-01	9.0E-01
AT4G15280	UGT71B5	UDP-glucosyl transferase 71B5	-3.3	2.1E-03	9.2E-03	1.7	7.4E-02	2.6E-01
AT2G17890	CPK16	calcium-dependent protein kinase 16	-3.3	1.8E-04	1.1E-03	-1.2	5.4E-01	7.6E-01
AT5G60660	PIP2		-3.3	6.7E-09	1.9E-07	1.0	7.8E-01	9.1E-01
AT3G05150	AT3G05150	Major facilitator superfamily protein	-3.3	5.1E-15	8.8E-13	-1.6	2.2E-06	2.5E-04
AT1G67000	AT1G67000	Protein kinase superfamily protein	-3.3	7.3E-04	3.8E-03	1.0	8.8E-01	9.6E-01
AT1G09860	PUP16	purine permease 16	-3.3	2.0E-05	1.8E-04	-1.4	1.4E-01	3.8E-01
AT5G42580	CYP705A12	cytochrome P450, family 705, subfamily A, polypeptide 12	-3.3	1.2E-05	1.2E-04	1.5	8.8E-02	2.9E-01
AT4G27440	PORB	protochlorophyllide oxidoreductase B	-3.3	5.9E-12	4.1E-10	1.1	5.3E-01	7.5E-01
AT5G24100	AT5G24100	Leucine-rich repeat protein kinase family protein	-3.3	1.3E-09	4.6E-08	1.3	8.4E-02	2.8E-01
AT2G37130	AT2G37130	Peroxidase superfamily protein	-3.3	1.4E-07	2.5E-06	-1.9	8.2E-04	1.4E-02
AT4G25560	LAF1	myb domain protein 18	-3.3	7.3E-05	5.4E-04	1.2	4.5E-01	7.0E-01
AT2G04500	AT2G04500	Cysteine/Histidine-rich C1 domain family protein	-3.3	2.2E-09	7.3E-08	-1.6	8.3E-04	1.4E-02
AT3G19430	AT3G19430	late embryogenesis abundant protein-related / LEA protein-like protein	-3.3	1.0E-03	5.1E-03	1.3	4.4E-01	6.9E-01
AT4G15390	AT4G15390	HXXXD-type acyl-transferase family protein	-3.3	7.4E-07	1.1E-05	1.2	2.7E-01	5.4E-01
AT1G22110	AT1G22110	structural constituent of ribosome	-3.2	6.3E-08	1.3E-06	-2.0	1.4E-04	4.1E-03
AT1G63600	AT1G63600	Receptor-like protein kinase-related family protein	-3.2	3.2E-03	1.3E-02	1.0	9.6E-01	9.9E-01
AT3G18450	AT3G18450	PLAC8 family protein	-3.2	1.2E-02	3.9E-02	1.2	5.6E-01	7.7E-01
AT1G49130	BBX17	B-box type zinc finger protein with CCT domain-containing protein	-3.2	3.2E-08	7.3E-07	-1.6	3.2E-03	3.5E-02
AT4G10270	AT4G10270	Wound-responsive family protein	-3.2	5.2E-04	2.8E-03	1.2	4.5E-01	7.0E-01
AT5G45210	AT5G45210	Disease resistance protein (TIR-NBS-LRR class)	-3.2	1.2E-05	1.2E-04	-1.2	4.6E-01	7.0E-01
AT3G13650	AT3G13650	Disease resistance-responsive (dirigent-like protein) family protein	-3.1	4.1E-07	6.6E-06	1.1	5.2E-01	7.4E-01
AT1G18140	LAC1	laccase 1	-3.1	1.1E-06	1.5E-05	1.1	5.4E-01	7.6E-01
AT5G37450	AT5G37450	Leucine-rich repeat protein kinase family protein	-3.1	2.2E-03	9.4E-03	-1.4	2.9E-01	5.6E-01
AT3G32030	AT3G32030	Terpenoid cyclases/Protein prenyltransferases superfamily protein	-3.1	3.2E-05	2.7E-04	1.2	4.8E-01	7.2E-01
AT1G61750	AT1G61750	Receptor-like protein kinase-related family protein	-3.1	1.0E-03	5.0E-03	-1.1	7.2E-01	8.8E-01
AT4G37400	CYP81F3	cytochrome P450, family 81, subfamily F, polypeptide 3	-3.1	3.5E-07	5.7E-06	1.4	2.7E-02	1.4E-01
AT5G28650	WRKY74	WRKY DNA-binding protein 74	-3.1	2.6E-03	1.1E-02	-1.6	1.6E-01	4.0E-01
AT1G16160	WAKL5	wall associated kinase-like 5	-3.1	4.8E-07	7.5E-06	-1.1	5.6E-01	7.8E-01
AT5G38100	AT5G38100	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein	-3.1	8.6E-05	6.2E-04	1.1	5.8E-01	7.9E-01
AT5G53660	GRF7	growth-regulating factor 7	-3.1	4.5E-03	1.7E-02	-1.9	6.4E-02	2.3E-01
AT1G80240	DGR1	choice-of-anchor C domain protein, putative (Protein of unknown function, DUF642)	-3.1	2.0E-06	2.6E-05	-1.3	1.5E-01	3.9E-01
AT5G48010	THAS1	thalianol synthase 1	-3.1	2.1E-05	1.9E-04	1.2	3.9E-01	6.5E-01
AT1G05660	AT1G05660	Pectin lyase-like superfamily protein	-3.1	1.4E-04	9.3E-04	1.9	8.5E-03	6.6E-02
AT5G05965	AT5G05965	cell wall RBR3-like protein	-3.1	5.5E-05	4.3E-04	-1.7	2.7E-02	1.4E-01
AT3G08860	PYD4	PYRIMIDINE 4	-3.1	2.3E-06	2.9E-05	-1.4	6.3E-02	2.3E-01
AT5G19810	AT5G19810	Proline-rich extensin-like family protein	-3.1	1.8E-04	1.1E-03	-1.1	6.5E-01	8.3E-01
AT2G14890	AGP9	arabinogalactan protein 9	-3.1	5.7E-11	3.1E-09	-1.5	9.8E-04	1.6E-02
AT3G12710	AT3G12710	DNA glycosylase superfamily protein	-3.0	2.8E-10	1.2E-08	-1.7	1.8E-04	4.9E-03
AT3G63350	AT-HSFA7B	winged-helix DNA-binding transcription factor family protein	-3.0	9.3E-04	4.6E-03	-2.0	1.8E-02	1.1E-01
AT3G50140	AT3G50140	transmembrane protein, putative (DUF247)	-3.0	1.5E-07	2.7E-06	-1.3	1.2E-01	3.4E-01
AT1G64405	AT1G64405	hypothetical protein	-3.0	1.9E-04	1.2E-03	-1.2	5.4E-01	7.6E-01
AT2G14210	AGL44	AGAMOUS-like 44	-3.0	4.1E-05	3.4E-04	1.1	7.5E-01	8.9E-01
AT5G22570	WRKY38	WRKY DNA-binding protein 38	-3.0	6.4E-03	2.3E-02	1.3	3.5E-01	6.2E-01
AT3G12610	DRT100	Leucine-rich repeat (LRR) family protein	-3.0	2.7E-11	1.6E-09	-1.8	1.1E-05	7.5E-04
AT3G32047	AT3G32047	Cytochrome P450 superfamily protein	-3.0	1.9E-04	1.2E-03	-1.0	9.5E-01	9.9E-01
AT5G43690	AT5G43690	P-loop containing nucleoside triphosphate hydrolases superfamily protein	-3.0	9.5E-04	4.7E-03	1.1	6.6E-01	8.4E-01
AT4G32205	AT4G32205	transposable_element_gene	-3.0	2.2E-03	9.2E-03	-1.9	3.8E-02	1.7E-01
AT3G60160	ABCC9	multidrug resistance-associated protein 9	-3.0	1.5E-04	1.0E-03	-1.3	2.5E-01	5.1E-01
AT4G01430	UMAMIT29	nodulin MtN21 /EamA-like transporter family	-3.0	1.2E-06	1.6E-05	1.2	2.0E-01	4.6E-01
AT4G29690	AT4G29690	Alkaline-phosphatase-like family protein	-3.0	8.0E-04	4.1E-03	1.9	1.6E-02	1.0E-01
AT2G31085	CLE6	CLAVATA3/ESR-RELATED 6	-3.0	2.9E-04	1.7E-03	1.2	4.3E-01	6.8E-01
AT5G06730	AT5G06730	Peroxidase superfamily protein	-3.0	6.7E-04	3.5E-03	-1.0	9.2E-01	9.7E-01
AT4G08112	AT4G08112	transposable_element_gene	-3.0	3.3E-03	1.3E-02	-1.4	2.5E-01	5.2E-01
ATMG00020	RRN26		-3.0	8.6E-03	2.9E-02	-2.9	1.1E-02	8.0E-02
AT4G04710	CPK22	calcium-dependent kinase-like protein	-3.0	6.3E-05	4.8E-04	-1.9	6.4E-03	5.5E-02
AT1G12805	AT1G12805	nucleotide binding protein	-3.0	6.7E-03	2.4E-02	1.9	4.7E-02	2.0E-01
AT2G16980	AT2G16980	Major facilitator superfamily protein	-3.0	7.3E-08	1.5E-06	1.2	2.8E-01	5.5E-01
AT5G15265	AT5G15265	transmembrane protein	-3.0	4.7E-06	5.3E-05	-1.5	3.5E-02	1.6E-01
AT5G23220	NIC3	nicotinamidase 3	-3.0	8.4E-06	8.7E-05	-1.1	7.7E-01	9.0E-01
AT3G52770	ZPR3	binding protein	-3.0	1.3E-04	8.8E-04	1.1	5.7E-01	7.8E-01
AT5G62170	TRM25	LOW protein: M-phase inducer phosphatase-like protein	-3.0	2.0E-08	4.8E-07	-1.5	8.6E-03	6.7E-02
AT2G37330	ALS3	aluminum sensitive 3	-2.9	2.1E-05	1.9E-04	-1.6	2.4E-02	1.3E-01
AT1G75780	TUB1	tubulin beta-1 chain	-2.9	5.0E-09	1.5E-07	1.1	3.6E-01	6.2E-01
AT1G07690	AT1G07690	transmembrane protein	-2.9	4.5E-03	1.7E-02	1.0	9.9E-01	1.0E+00

AT2G18180	AT2G18180	Sec14p-like phosphatidylinositol transfer family protein	-2.9	1.8E-03	8.0E-03	-1.9	4.1E-02	1.8E-01
AT1G02575	AT1G02575	transmembrane protein	-2.9	8.0E-03	2.7E-02	1.2	5.6E-01	7.8E-01
AT1G61160	AT1G61160	retrotransposon gag	-2.9	8.1E-05	5.9E-04	-1.1	6.9E-01	8.6E-01
AT3G06435	AT3G06435	Expressed protein	-2.9	9.8E-05	6.9E-04	1.0	8.7E-01	9.5E-01
AT2G35743	AT2G35743		-2.9	1.5E-02	4.6E-02	-3.4	6.7E-03	5.6E-02
AT3G45130	LAS1	lanosterol synthase 1	-2.9	5.9E-04	3.1E-03	-1.1	7.2E-01	8.7E-01
AT3G48490	AT3G48490	hypothetical protein	-2.9	1.6E-05	1.5E-04	-1.4	6.4E-02	2.3E-01
AT2G26370	AT2G26370	MD-2-related lipid recognition domain-containing protein	-2.9	4.1E-06	4.7E-05	1.2	3.3E-01	6.0E-01
AT2G14960	GH3.1	Auxin-responsive GH3 family protein	-2.9	9.2E-04	4.6E-03	1.1	7.2E-01	8.7E-01
AT5G01335	AT5G01335	transposable_element_gene	-2.9	9.4E-03	3.1E-02	-1.0	9.6E-01	9.9E-01
AT2G34700	AT2G34700	Pollen Ole e 1 allergen and extensin family protein	-2.9	3.6E-03	1.4E-02	-2.6	7.8E-03	6.2E-02
AT4G37870	PCK1	phosphoenolpyruvate carboxykinase 1	-2.9	1.1E-10	5.6E-09	-1.2	1.9E-01	4.4E-01
AT5G47450	TIP2		-2.9	9.7E-07	1.4E-05	-1.1	5.8E-01	7.9E-01
AT5G18840	AT5G18840	Major facilitator superfamily protein	-2.9	4.0E-03	1.5E-02	-1.3	4.3E-01	6.8E-01
AT1G20190	EXPA11	expansin 11	-2.9	5.2E-07	8.0E-06	-1.8	7.9E-04	1.4E-02
AT3G01516	AT3G01516	transmembrane protein	-2.9	2.1E-03	9.1E-03	-1.0	8.6E-01	9.5E-01
AT2G39920	AT2G39920	HAD superfamily, subfamily IIIB acid phosphatase	-2.8	1.1E-02	3.5E-02	-1.1	7.7E-01	9.0E-01
AT1G77640	AT1G77640	Integrase-type DNA-binding superfamily protein	-2.8	5.1E-04	2.8E-03	-1.7	5.0E-02	2.0E-01
AT3G21620	AT3G21620	ERD (early-responsive to dehydration stress) family protein	-2.8	1.3E-06	1.8E-05	1.0	9.9E-01	1.0E+00
AT1G80160	GLY17	Lactoylglutathione lyase / glyoxalase I family	-2.8	1.2E-03	5.5E-03	1.4	2.2E-01	4.7E-01
AT3G59130	AT3G59130	Cysteine/Histidine-rich C1 domain family protein	-2.8	2.1E-04	1.3E-03	1.4	1.3E-01	3.6E-01
AT3G20130	CYP705A22	cytochrome P450, family 705, subfamily A, polypeptide 22	-2.8	6.9E-15	1.1E-12	-1.1	3.5E-01	6.2E-01
AT2G45050	GATA2	GATA transcription factor 2	-2.8	3.1E-09	9.7E-08	1.0	9.4E-01	9.8E-01
AT3G28580	AT3G28580	P-loop containing nucleoside triphosphate hydrolases superfamily protein	-2.8	9.8E-03	3.2E-02	-2.7	9.8E-03	7.3E-02
AT5G46330	FLS2	Leucine-rich receptor-like protein kinase family protein	-2.8	8.9E-08	1.7E-06	-1.3	1.0E-01	3.1E-01
AT5G48000	CYP708A2	cytochrome P450, family 708, subfamily A, polypeptide 2	-2.8	2.9E-06	3.6E-05	1.1	6.5E-01	8.4E-01
AT2G21880	RAB7A	RAB GTPase homolog 7A	-2.8	3.6E-08	7.9E-07	-1.5	4.7E-03	4.5E-02
AT5G26320	AT5G26320	TRAF-like family protein	-2.8	1.9E-03	8.2E-03	1.4	2.2E-01	4.8E-01
AT2G48080	AT2G48080	oxidoreductase, 2OG-Fe(II) oxygenase family	-2.8	3.6E-07	5.8E-06	1.2	1.6E-01	4.0E-01
AT3G02550	LBD41	LOB domain-containing protein 41	-2.8	4.7E-05	3.8E-04	-1.1	7.1E-01	8.7E-01
AT4G01200	AT4G01200	Calcium-dependent lipid-binding (CaLB domain) family protein	-2.8	9.6E-08	1.8E-06	-1.7	7.9E-04	1.4E-02
AT1G78860	AT1G78860	D-mannose binding lectin protein with Apple-like carbohydrate-binding domain-containing protein	-2.8	2.4E-04	1.5E-03	-1.3	2.4E-01	5.0E-01
AT5G57190	PSD2	phosphatidylserine decarboxylase 2	-2.8	8.2E-06	8.5E-05	1.1	6.2E-01	8.2E-01
AT1G44800	SIAR1	nodulin MtN21 /EamA-like transporter family	-2.8	4.6E-14	5.9E-12	1.0	9.3E-01	9.8E-01
AT1G66800	AT1G66800	NAD(P)-binding Rossmann-fold superfamily protein	-2.8	3.7E-06	4.3E-05	1.1	4.3E-01	6.8E-01
AT3G22740	HMT3	homocysteine S-methyltransferase 3	-2.8	5.0E-04	2.8E-03	1.1	7.2E-01	8.8E-01
AT4G33880	RSL2	ROOT HAIR DEFECTIVE 6-LIKE 2	-2.8	9.4E-06	9.5E-05	1.5	2.8E-02	1.4E-01
AT4G10780	AT4G10780	LRR and NB-ARC domains-containing disease resistance protein	-2.8	5.2E-03	1.9E-02	1.1	6.2E-01	8.2E-01
AT3G16410	NSP4	nitrile specifier protein 4	-2.8	1.5E-05	1.4E-04	1.9	1.5E-03	2.1E-02
AT2G23400	AT2G23400	Undecaprenyl pyrophosphate synthetase family protein	-2.8	9.8E-03	3.2E-02	1.8	4.6E-02	1.9E-01
AT4G26488	AT4G26488	Natural antisense transcript overlaps with AT4G26490	-2.7	1.6E-06	2.1E-05	-1.7	4.1E-03	4.1E-02
AT5G62420	AT5G62420	NAD(P)-linked oxidoreductase superfamily protein	-2.7	1.4E-05	1.3E-04	1.2	2.1E-01	4.7E-01
AT5G02020	SIS	E3 ubiquitin-protein ligase RLIM-like protein	-2.7	1.4E-09	5.0E-08	-1.5	2.1E-03	2.6E-02
AT3G32040	AT3G32040	Terpenoid synthases superfamily protein	-2.7	1.1E-03	5.3E-03	-1.0	9.9E-01	1.0E+00
AT3G46170	AT3G46170	NAD(P)-binding Rossmann-fold superfamily protein	-2.7	4.3E-03	1.6E-02	1.2	5.0E-01	7.3E-01
AT3G06990	AT3G06990	Cysteine/Histidine-rich C1 domain family protein	-2.7	8.2E-09	2.2E-07	-2.0	5.4E-06	4.6E-04
AT5G14340	MYB40	myb domain protein 40	-2.7	2.5E-03	1.0E-02	1.3	3.3E-01	6.0E-01
AT4G23870	AT4G23870	hypothetical protein	-2.7	1.2E-05	1.2E-04	-1.9	1.4E-03	2.0E-02
AT3G45700	AT3G45700	Major facilitator superfamily protein	-2.7	4.9E-11	2.7E-09	1.0	6.7E-01	8.5E-01
AT1G64640	ENODL8	early nodulin-like protein 8	-2.7	6.8E-09	1.9E-07	-1.7	2.4E-04	6.0E-03
AT3G16390	NSP3	nitrile specifier protein 3	-2.7	2.8E-04	1.7E-03	1.4	1.0E-01	3.1E-01
AT5G51190	AT5G51190	Integrase-type DNA-binding superfamily protein	-2.7	1.2E-02	3.9E-02	-1.8	1.2E-01	3.3E-01
AT4G24110	AT4G24110	NADP-specific glutamate dehydrogenase	-2.7	3.6E-05	3.0E-04	1.3	2.2E-01	4.8E-01
AT1G77870	MUB5	membrane-anchored ubiquitin-fold protein 5 precursor	-2.7	6.0E-06	6.5E-05	-1.4	3.4E-02	1.6E-01
AT1G75590	AT1G75590	SAUR-like auxin-responsive protein family	-2.7	4.8E-05	3.8E-04	-1.8	5.7E-03	5.1E-02
AT5G61520	AT5G61520	Major facilitator superfamily protein	-2.7	5.4E-08	1.1E-06	1.2	1.2E-01	3.3E-01
AT4G24275	AT4G24275	hypothetical protein	-2.7	3.4E-08	7.6E-07	-1.4	1.1E-02	8.0E-02
AT5G15580	LNG1	longifolia1	-2.7	1.2E-09	4.5E-08	-1.7	8.0E-05	2.8E-03
AT1G19840	AT1G19840	SAUR-like auxin-responsive protein family	-2.7	3.0E-08	6.9E-07	1.0	9.8E-01	1.0E+00
AT1G74670	GASA6	Gibberellin-regulated family protein	-2.7	5.6E-10	2.2E-08	1.0	8.6E-01	9.5E-01
AT3G27884	AT3G27884		-2.6	1.8E-04	1.2E-03	1.2	3.8E-01	6.4E-01
AT1G25425	CLE43	CLAVATA3/ESR-RELATED 43	-2.6	7.7E-05	5.6E-04	-1.6	2.5E-02	1.3E-01
AT1G54660	AT1G54660	pseudogene of terpene synthase 21	-2.6	6.6E-04	3.5E-03	-1.1	7.7E-01	9.0E-01
AT4G01410	AT4G01410	Late embryogenesis abundant (LEA) hydroxyproline-rich glycoprotein family	-2.6	3.8E-09	1.2E-07	-1.5	2.1E-03	2.7E-02
AT4G36110	SAUR9	SAUR-like auxin-responsive protein family	-2.6	2.6E-03	1.1E-02	-1.7	6.0E-02	2.3E-01
AT1G15210	ABCG35	pleiotropic drug resistance 7	-2.6	1.7E-09	5.8E-08	1.3	2.7E-02	1.4E-01
AT2G23620	MES1	methyl esterase 1	-2.6	1.2E-05	1.1E-04	1.0	9.5E-01	9.8E-01
AT1G77131	AT1G77131	pseudogene of plant glycogenin-like starch initiation protein 2	-2.6	6.5E-03	2.3E-02	1.1	7.2E-01	8.7E-01

AT1G80280	<i>AT1G80280</i>	alpha/beta-Hydrolases superfamily protein	-2.6	6.0E-14	7.4E-12	-1.9	9.0E-10	1.4E-06
AT2G31900	<i>XIF</i>	myosin-like protein XIF	-2.6	1.0E-12	9.0E-11	-1.6	3.3E-06	3.2E-04
AT1G19960	<i>AT1G19960</i>	transcription factor	-2.6	1.5E-03	6.7E-03	1.5	9.8E-02	3.0E-01
AT1G08590	<i>AT1G08590</i>	Leucine-rich receptor-like protein kinase family protein	-2.6	3.2E-12	2.5E-10	1.1	3.8E-01	6.4E-01
AT1G71692	<i>AGL12</i>	AGAMOUS-like 12	-2.6	1.8E-06	2.4E-05	1.5	1.7E-02	1.0E-01
AT1G67110	<i>CYP735A2</i>	cytochrome P450, family 735, subfamily A, polypeptide 2	-2.6	2.6E-04	1.6E-03	1.1	7.9E-01	9.1E-01
AT5G42500	<i>AT5G42500</i>	Disease resistance-responsive (dirigent-like protein) family protein	-2.6	8.9E-06	9.1E-05	1.1	4.6E-01	7.1E-01
AT4G17490	<i>ERF6</i>	ethylene responsive element binding factor 6	-2.6	2.5E-05	2.2E-04	-1.2	3.9E-01	6.5E-01
AT3G60390	<i>HAT3</i>	homeobox-leucine zipper protein 3	-2.6	1.6E-07	2.9E-06	-1.7	4.8E-04	9.5E-03
AT1G30370	<i>DLAH</i>	alpha/beta-Hydrolases superfamily protein	-2.6	7.6E-04	3.9E-03	1.1	6.7E-01	8.4E-01
AT3G07010	<i>AT3G07010</i>	Pectin lyase-like superfamily protein	-2.6	5.7E-13	5.6E-11	-1.5	1.5E-05	9.2E-04
AT2G04090	<i>AT2G04090</i>	MATE efflux family protein	-2.6	1.9E-05	1.7E-04	-1.1	5.2E-01	7.4E-01
AT3G06460	<i>AT3G06460</i>	GNS1/SUR4 membrane protein family	-2.6	7.3E-03	2.5E-02	-1.0	1.0E+00	1.0E+00
AT2G16970	<i>MEE15</i>	Major facilitator superfamily protein	-2.6	1.4E-04	9.4E-04	1.2	4.3E-01	6.8E-01
AT4G01390	<i>AT4G01390</i>	TRAF-like family protein	-2.6	6.1E-03	2.2E-02	-1.2	5.4E-01	7.7E-01
AT5G60520	<i>AT5G60520</i>	Late embryogenesis abundant (LEA) protein-like protein	-2.6	1.3E-02	3.9E-02	1.6	1.3E-01	3.5E-01
AT4G15270	<i>AT4G15270</i>	glucosyltransferase-like protein	-2.6	4.7E-03	1.8E-02	1.1	6.5E-01	8.3E-01
AT3G54400	<i>AT3G54400</i>	Eukaryotic aspartyl protease family protein	-2.6	6.1E-11	3.2E-09	-1.4	1.1E-03	1.7E-02
AT4G39410	<i>WRKY13</i>	WRKY DNA-binding protein 13	-2.6	8.8E-04	4.4E-03	1.0	8.3E-01	9.4E-01
AT4G11210	<i>AT4G11210</i>	Disease resistance-responsive (dirigent-like protein) family protein	-2.6	3.2E-06	3.9E-05	-1.3	1.2E-01	3.4E-01
AT1G31320	<i>LBD4</i>	LOB domain-containing protein 4	-2.6	5.7E-05	4.4E-04	-1.2	2.8E-01	5.4E-01
AT1G66450	<i>AT1G66450</i>	Cysteine/Histidine-rich C1 domain family protein	-2.6	2.3E-05	2.1E-04	-1.6	1.7E-02	1.0E-01
AT4G13840	<i>AT4G13840</i>	HXXXD-type acyl-transferase family protein	-2.6	1.4E-07	2.6E-06	1.2	2.4E-01	5.0E-01
AT5G24070	<i>AT5G24070</i>	Peroxidase superfamily protein	-2.6	4.1E-03	1.6E-02	1.1	7.1E-01	8.7E-01
AT1G01110	<i>IQD18</i>	IQ-domain 18	-2.5	4.2E-06	4.8E-05	-1.3	1.1E-01	3.3E-01
AT1G68330	<i>AT1G68330</i>	membrane-associated kinase regulator	-2.5	2.2E-07	3.8E-06	-1.3	8.2E-02	2.7E-01
AT4G27480	<i>AT4G27480</i>	Core-2/l-branching beta-1,6-N-acetylglucosaminyltransferase family protein	-2.5	9.5E-06	9.6E-05	1.1	5.4E-01	7.7E-01
AT1G13280	<i>AOC4</i>	allene oxide cyclase 4	-2.5	8.4E-12	5.6E-10	-1.0	8.4E-01	9.4E-01
AT3G28180	<i>CSLC04</i>	Cellulose-synthase-like C4	-2.5	1.6E-10	7.4E-09	-1.8	1.7E-06	2.0E-04
AT1G13430	<i>ST4C</i>	sulfotransferase 4C	-2.5	6.9E-04	3.6E-03	-1.7	3.8E-02	1.7E-01
AT3G50280	<i>AT3G50280</i>	HXXXD-type acyl-transferase family protein	-2.5	1.7E-04	1.1E-03	-1.1	5.7E-01	7.8E-01
AT4G34800	<i>AT4G34800</i>	SAUR-like auxin-responsive protein family	-2.5	7.8E-06	8.1E-05	1.0	7.8E-01	9.1E-01
AT2G23060	<i>AT2G23060</i>	Acyl-CoA N-acyltransferases (NAT) superfamily protein	-2.5	1.4E-02	4.3E-02	-1.1	8.1E-01	9.2E-01
AT4G12550	<i>AIR1</i>	Auxin-induced in Root cultures 1	-2.5	5.8E-03	2.1E-02	1.6	1.4E-01	3.7E-01
AT5G04970	<i>AT5G04970</i>	Plant invertase/pectin methylesterase inhibitor superfamily	-2.5	1.3E-03	6.1E-03	1.1	5.7E-01	7.8E-01
AT3G54770	<i>ARP1</i>	RNA-binding (RRM/RBD/RNP motifs) family protein	-2.5	6.5E-07	9.7E-06	1.1	5.9E-01	7.9E-01
AT5G20550	<i>AT5G20550</i>	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein	-2.5	1.3E-05	1.2E-04	1.2	2.3E-01	5.0E-01
AT5G66330	<i>AT5G66330</i>	Leucine-rich repeat (LRR) family protein	-2.5	1.8E-06	2.4E-05	-1.8	7.2E-04	1.3E-02
AT1G02570	<i>AT1G02570</i>	transmembrane protein	-2.5	8.6E-04	4.3E-03	1.4	1.7E-01	4.2E-01
AT4G29700	<i>AT4G29700</i>	Alkaline-phosphatase-like family protein	-2.5	5.2E-06	5.8E-05	-1.6	5.4E-03	4.9E-02
AT4G19030	<i>NLM1</i>	NOD26-like major intrinsic protein 1	-2.5	1.6E-06	2.2E-05	1.5	1.6E-02	1.0E-01
AT1G29025	<i>AT1G29025</i>	Calcium-binding EF-hand family protein	-2.5	3.6E-04	2.1E-03	1.1	5.6E-01	7.8E-01
AT2G19990	<i>PR-1-LIKE</i>	pathogenesis-related protein-1-like protein	-2.5	1.9E-03	8.3E-03	-1.3	3.3E-01	6.0E-01
AT1G65970	<i>TPX2</i>	thioredoxin-dependent peroxidase 2	-2.5	2.9E-04	1.7E-03	1.1	7.2E-01	8.7E-01
AT2G42870	<i>PAR1</i>	phy rapidly regulated 1	-2.5	8.3E-08	1.6E-06	-1.2	9.8E-02	3.0E-01
AT5G15230	<i>GASA4</i>	GAST1 protein homolog 4	-2.5	8.4E-10	3.1E-08	1.2	1.0E-01	3.1E-01
AT3G12820	<i>MYB10</i>	myb domain protein 10	-2.5	5.5E-03	2.0E-02	-1.8	4.6E-02	1.9E-01
AT4G36930	<i>SPT</i>	basic helix-loop-helix (bHLH) DNA-binding superfamily protein	-2.5	1.0E-09	3.7E-08	-1.0	6.5E-01	8.3E-01
AT2G35270	<i>GIK</i>	Putative AT-hook DNA-binding family protein	-2.5	1.0E-06	1.4E-05	1.1	6.1E-01	8.1E-01
AT5G15160	<i>BNQ2</i>	BANQUO 2	-2.5	1.3E-03	6.0E-03	-1.8	2.4E-02	1.3E-01
AT3G63470	<i>scpl40</i>	serine carboxypeptidase-like 40	-2.5	6.7E-09	1.9E-07	-1.3	2.5E-02	1.3E-01
AT5G26147	<i>MIR156F</i>		-2.5	4.3E-03	1.6E-02	1.0	9.6E-01	9.9E-01
AT1G35625	<i>AT1G35625</i>	RING/U-box superfamily protein	-2.5	2.6E-03	1.1E-02	1.2	4.3E-01	6.8E-01
AT5G09970	<i>CYP78A7</i>	cytochrome P450, family 78, subfamily A, polypeptide 7	-2.5	4.1E-03	1.6E-02	-1.3	2.8E-01	5.5E-01
AT5G42930	<i>AT5G42930</i>	alpha/beta-Hydrolases superfamily protein	-2.5	9.9E-06	1.0E-04	1.1	5.6E-01	7.8E-01
AT1G77120	<i>ADH1</i>	alcohol dehydrogenase 1	-2.5	4.7E-04	2.6E-03	1.1	5.3E-01	7.6E-01
AT3G26610	<i>AT3G26610</i>	Pectin lyase-like superfamily protein	-2.5	2.0E-06	2.6E-05	1.2	1.4E-01	3.8E-01
AT2G42060	<i>AT2G42060</i>	Cysteine/Histidine-rich C1 domain family protein	-2.4	1.8E-04	1.1E-03	-1.2	2.9E-01	5.6E-01
AT5G03150	<i>JKD</i>	C2H2-like zinc finger protein	-2.4	4.6E-09	1.4E-07	-1.9	1.7E-06	2.1E-04
AT2G22500	<i>UCP5</i>	uncoupling protein 5	-2.4	1.0E-05	1.0E-04	-1.6	1.1E-02	7.6E-02
AT1G24320	<i>AT1G24320</i>	Six-hairpin glycosidases superfamily protein	-2.4	5.1E-07	7.9E-06	1.0	8.7E-01	9.5E-01
AT4G30110	<i>HMA2</i>	heavy metal atpase 2	-2.4	3.1E-05	2.7E-04	1.1	6.5E-01	8.3E-01
AT4G04745	<i>AT4G04745</i>	hypothetical protein	-2.4	8.7E-06	9.0E-05	1.0	9.8E-01	1.0E+00
AT1G25230	<i>AT1G25230</i>	Calcineurin-like metallo-phosphoesterase superfamily protein	-2.4	1.9E-12	1.6E-10	-1.6	9.7E-07	1.4E-04
AT2G39040	<i>AT2G39040</i>	Peroxidase superfamily protein	-2.4	3.1E-05	2.6E-04	1.5	3.3E-02	1.6E-01
AT1G14390	<i>AT1G14390</i>	Leucine-rich repeat protein kinase family protein	-2.4	6.0E-06	6.5E-05	1.2	3.3E-01	6.0E-01
AT4G34880	<i>AT4G34880</i>	Amidase family protein	-2.4	1.4E-05	1.3E-04	1.2	3.4E-01	6.1E-01
AT5G23870	<i>AT5G23870</i>	Pectinacetyltransferase family protein	-2.4	2.1E-08	5.1E-07	-1.6	4.1E-04	8.6E-03
AT3G52561	<i>AT3G52561</i>	hypothetical protein	-2.4	2.9E-03	1.2E-02	-1.2	5.1E-01	7.4E-01
AT1G55120	<i>FRUCT5</i>	beta-fructofuranosidase 5	-2.4	4.7E-12	3.4E-10	-2.0	1.7E-09	1.9E-06
AT4G31370	<i>FLA5</i>	FASCICLIN-like arabinogalactan protein 5 precursor	-2.4	7.0E-03	2.4E-02	-1.3	3.0E-01	5.6E-01

AT5G11540	<i>GulLO3</i>	D-arabinono-1,4-lactone oxidase family protein	-2.4	4.0E-07	6.4E-06	-1.8	1.8E-04	4.9E-03
AT3G45095	<i>AT3G45095</i>	transposable_element_gene	-2.4	1.3E-03	6.0E-03	-1.2	4.2E-01	6.7E-01
AT2G21200	<i>AT2G21200</i>	SAUR-like auxin-responsive protein family	-2.4	7.8E-04	4.0E-03	-1.7	2.3E-02	1.3E-01
AT4G23130	<i>CRK5</i>	cysteine-rich RLK (RECEPTOR-like protein kinase) 5	-2.4	1.4E-02	4.1E-02	1.5	1.8E-01	4.3E-01
AT3G20850	<i>AT3G20850</i>	proline-rich family protein	-2.4	1.6E-02	4.7E-02	-1.0	9.6E-01	9.9E-01
AT1G44160	<i>AT1G44160</i>	HSP40/DnaJ peptide-binding protein	-2.4	9.6E-06	9.7E-05	-1.1	4.7E-01	7.1E-01
AT5G54370	<i>AT5G54370</i>	Late embryogenesis abundant (LEA) protein-like protein	-2.4	4.0E-03	1.5E-02	1.3	3.0E-01	5.6E-01
AT3G21755	<i>AT3G21755</i>	Natural antisense transcript overlaps with AT3G21760	-2.4	6.2E-05	4.7E-04	-1.0	8.9E-01	9.6E-01
AT4G13860	<i>AT4G13860</i>	RNA-binding (RRM/RBD/RNP motifs) family protein	-2.4	5.7E-05	4.4E-04	1.1	4.9E-01	7.3E-01
AT3G25905	<i>CLE27</i>	CLAVATA3/ESR-RELATED 27	-2.4	2.1E-03	9.0E-03	-1.4	1.9E-01	4.5E-01
AT5G63600	<i>FLS5</i>	flavonol synthase 5	-2.4	9.8E-06	9.8E-05	1.2	3.6E-01	6.2E-01
AT4G12050	<i>AT4G12050</i>	Putative AT-hook DNA-binding family protein	-2.4	6.6E-06	7.1E-05	1.2	2.6E-01	5.2E-01
AT3G04181	<i>AT3G04181</i>	hypothetical protein	-2.4	1.6E-02	4.8E-02	-1.1	7.8E-01	9.1E-01
AT5G14920	<i>AT5G14920</i>	Gibberellin-regulated family protein	-2.4	2.6E-05	2.2E-04	-1.8	1.9E-03	2.5E-02
AT4G31910	<i>BAT1</i>	HXXXD-type acyl-transferase family protein	-2.4	3.0E-12	2.3E-10	-1.2	7.2E-02	2.5E-01
AT1G12110	<i>NRT1.1</i>	nitrate transporter 1.1	-2.4	1.5E-10	7.0E-09	-1.3	3.8E-03	3.9E-02
AT2G38750	<i>ANNAT4</i>	annexin 4	-2.4	4.4E-06	5.0E-05	-1.1	6.9E-01	8.6E-01
AT3G59850	<i>AT3G59850</i>	Pectin lyase-like superfamily protein	-2.4	4.9E-03	1.8E-02	1.3	3.6E-01	6.2E-01
AT5G39190	<i>GER2</i>	germin-like protein 2	-2.4	7.6E-03	2.6E-02	-1.6	1.0E-01	3.1E-01
AT5G49560	<i>AT5G49560</i>	Putative methyltransferase family protein	-2.4	4.0E-04	2.3E-03	1.2	4.1E-01	6.7E-01
AT3G49580	<i>LSU1</i>	response to low sulfur 1	-2.3	1.9E-03	8.2E-03	-1.5	1.0E-01	3.1E-01
AT5G15830	<i>bZIP3</i>	basic leucine-zipper 3	-2.3	4.1E-07	6.5E-06	-1.5	7.3E-03	6.0E-02
AT5G22310	<i>AT5G22310</i>	trichohyalin-like protein	-2.3	9.4E-07	1.3E-05	-1.4	2.6E-02	1.4E-01
AT3G26830	<i>PAD3</i>	Cytochrome P450 superfamily protein	-2.3	6.5E-03	2.3E-02	1.1	7.7E-01	9.0E-01
AT1G20620	<i>CAT3</i>	catalase 3	-2.3	1.4E-07	2.6E-06	-1.8	5.6E-05	2.2E-03
AT5G15120	<i>AT5G15120</i>	2-aminoethanethiol dioxygenase, putative (DUF1637)	-2.3	7.3E-03	2.5E-02	1.2	5.6E-01	7.8E-01
AT3G50740	<i>UGT72E1</i>	UDP-glucosyl transferase 72E1	-2.3	1.4E-09	4.9E-08	-1.3	1.5E-02	9.8E-02
AT4G29780	<i>AT4G29780</i>	nuclease	-2.3	1.9E-03	8.3E-03	-1.1	6.1E-01	8.1E-01
AT5G46050	<i>PTR3</i>	peptide transporter 3	-2.3	9.5E-05	6.8E-04	1.8	1.6E-03	2.1E-02
AT5G56320	<i>EXPA14</i>	expansin A14	-2.3	4.1E-06	4.7E-05	1.1	4.6E-01	7.0E-01
AT1G22500	<i>ATL15</i>	RING/U-box superfamily protein	-2.3	1.1E-05	1.1E-04	-1.0	7.9E-01	9.1E-01
AT3G08030	<i>AT3G08030</i>	DNA-directed RNA polymerase subunit beta (Protein of unknown function, DUF642)	-2.3	1.6E-10	7.4E-09	-1.3	7.7E-03	6.2E-02
AT4G37390	<i>BRU6</i>	Auxin-responsive GH3 family protein	-2.3	1.1E-06	1.5E-05	-1.2	2.9E-01	5.5E-01
AT4G18510	<i>CLE2</i>	CLAVATA3/ESR-related 2	-2.3	1.7E-04	1.1E-03	1.1	5.7E-01	7.9E-01
AT2G17060	<i>AT2G17060</i>	Disease resistance protein (TIR-NBS-LRR class)	-2.3	3.4E-04	2.0E-03	-1.6	3.1E-02	1.5E-01
AT2G05180	<i>CYP705A6</i>	cytochrome P450, family 705, subfamily A, polypeptide 6	-2.3	1.3E-04	9.0E-04	1.2	2.2E-01	4.8E-01
AT5G06740	<i>AT5G06740</i>	Concanavalin A-like lectin protein kinase family protein	-2.3	2.4E-05	2.1E-04	-1.2	2.1E-01	4.7E-01
AT5G47990	<i>CYP705A5</i>	cytochrome P450, family 705, subfamily A, polypeptide 5	-2.3	8.6E-05	6.2E-04	1.3	2.2E-01	4.8E-01
AT3G25290	<i>AT3G25290</i>	Auxin-responsive family protein	-2.3	2.5E-10	1.1E-08	-1.4	1.7E-03	2.3E-02
AT4G13310	<i>CYP71A20</i>	cytochrome P450, family 71, subfamily A, polypeptide 20	-2.3	1.2E-05	1.2E-04	1.1	6.8E-01	8.5E-01
AT4G21490	<i>NDB3</i>	NAD(P)H dehydrogenase B3	-2.3	5.6E-03	2.0E-02	1.1	6.4E-01	8.3E-01
AT2G25410	<i>AT2G25410</i>	RING/U-box superfamily protein	-2.3	1.6E-02	4.6E-02	-1.7	1.0E-01	3.1E-01
AT1G14960	<i>AT1G14960</i>	Polyketide cyclase/dehydrase and lipid transport superfamily protein	-2.3	1.1E-03	5.4E-03	1.4	1.1E-01	3.2E-01
AT1G11735	<i>MIR171B</i>		-2.3	8.4E-04	4.2E-03	-1.6	4.1E-02	1.8E-01
AT1G78865	<i>AT1G78865</i>		-2.3	1.6E-02	4.7E-02	1.4	2.3E-01	4.9E-01
AT1G11000	<i>MLO4</i>	Seven transmembrane MLO family protein	-2.3	6.9E-10	2.6E-08	-1.4	1.6E-03	2.1E-02
AT1G18075	<i>MIR159B</i>		-2.3	1.3E-02	4.1E-02	1.7	5.6E-02	2.2E-01
AT1G30250	<i>AT1G30250</i>	hypothetical protein	-2.3	1.3E-02	4.0E-02	2.2	9.2E-03	7.0E-02
AT2G27010	<i>CYP705A9</i>	cytochrome P450, family 705, subfamily A, polypeptide 9	-2.3	5.3E-08	1.1E-06	-1.0	9.4E-01	9.8E-01
AT3G25790	<i>AT3G25790</i>	myb-like transcription factor family protein	-2.3	2.6E-08	6.0E-07	1.1	2.3E-01	4.9E-01
AT5G44460	<i>CML43</i>	calmodulin like 43	-2.3	1.3E-05	1.3E-04	1.1	4.6E-01	7.0E-01
AT1G11655	<i>AT1G11655</i>	hypothetical protein	-2.3	1.5E-03	6.7E-03	1.1	6.8E-01	8.5E-01
AT5G54530	<i>AT5G54530</i>	serine protease, putative (Protein of unknown function, DUF538)	-2.3	1.4E-05	1.3E-04	-1.7	1.3E-03	1.9E-02
AT5G44920	<i>AT5G44920</i>	Toll-Interleukin-Resistance (TIR) domain family protein	-2.3	3.5E-07	5.7E-06	-1.2	2.3E-01	4.8E-01
AT3G43270	<i>AT3G43270</i>	Plant invertase/pectin methylesterase inhibitor superfamily	-2.3	2.8E-06	3.4E-05	-1.8	1.6E-04	4.4E-03
AT4G37220	<i>AT4G37220</i>	Cold acclimation protein WCOR413 family	-2.3	8.1E-04	4.1E-03	-1.2	4.8E-01	7.2E-01
AT5G23830	<i>AT5G23830</i>	MD-2-related lipid recognition domain-containing protein	-2.3	4.2E-04	2.4E-03	1.4	1.1E-01	3.2E-01
AT1G79310	<i>MC7</i>	metacaspase 7	-2.3	9.7E-07	1.4E-05	-1.1	3.7E-01	6.3E-01
AT1G52070	<i>AT1G52070</i>	Mannose-binding lectin superfamily protein	-2.3	5.8E-03	2.1E-02	1.8	4.1E-02	1.8E-01
AT3G58190	<i>LBD29</i>	lateral organ boundaries-domain 29	-2.3	2.3E-03	9.7E-03	-1.0	9.9E-01	1.0E+00
AT3G49190	<i>AT3G49190</i>	O-acyltransferase (WSD1-like) family protein	-2.3	6.0E-03	2.2E-02	1.0	9.0E-01	9.6E-01
AT2G46150	<i>AT2G46150</i>	Late embryogenesis abundant (LEA) hydroxyproline-rich glycoprotein family	-2.3	1.1E-04	7.7E-04	1.2	2.3E-01	4.9E-01
AT2G30370	<i>CHAL</i>	allergen-like protein	-2.3	7.5E-04	3.8E-03	-1.4	8.7E-02	2.8E-01
AT4G25750	<i>ABCG4</i>	ABC-2 type transporter family protein	-2.3	3.8E-04	2.2E-03	-1.2	4.5E-01	7.0E-01
AT5G15130	<i>WRKY72</i>	WRKY DNA-binding protein 72	-2.3	6.8E-07	1.0E-05	-1.1	4.3E-01	6.8E-01
AT1G73330	<i>DR4</i>	drought-repressed 4	-2.2	4.3E-03	1.6E-02	1.1	7.2E-01	8.8E-01
AT2G46660	<i>CYP78A6</i>	cytochrome P450, family 78, subfamily A, polypeptide 6	-2.2	9.1E-06	9.3E-05	-1.7	8.7E-04	1.4E-02

AT4G30410	AT4G30410	sequence-specific DNA binding transcription factor	-2.2	1.4E-07	2.6E-06	-1.7	1.1E-04	3.3E-03
AT1G15125	AT1G15125	S-adenosyl-L-methionine-dependent methyltransferases superfamily protein	-2.2	1.6E-04	1.1E-03	1.1	6.3E-01	8.3E-01
AT2G02610	AT2G02610	Cysteine/Histidine-rich C1 domain family protein	-2.2	1.3E-04	8.6E-04	1.3	1.4E-01	3.8E-01
AT2G38760	ANNAT3	annexin 3	-2.2	7.6E-07	1.1E-05	-1.1	5.9E-01	7.9E-01
AT1G19610	PDF1.4	defensin-like protein	-2.2	1.6E-03	7.3E-03	1.9	4.5E-03	4.4E-02
AT3G43960	AT3G43960	Cysteine proteinases superfamily protein	-2.2	3.8E-09	1.2E-07	-1.3	8.6E-03	6.7E-02
AT1G01070	UMAMIT28	nodulin MtN21 /EamA-like transporter family	-2.2	1.2E-04	8.1E-04	1.0	8.6E-01	9.5E-01
AT5G54050	AT5G54050	Cysteine/Histidine-rich C1 domain family protein	-2.2	1.3E-02	4.1E-02	1.0	9.0E-01	9.6E-01
AT1G60095	AT1G60095	Mannose-binding lectin superfamily protein	-2.2	7.0E-05	5.2E-04	-1.0	8.3E-01	9.3E-01
AT5G26660	MYB86	myb domain protein 86	-2.2	1.1E-04	7.8E-04	1.1	6.3E-01	8.2E-01
AT5G57480	AT5G57480	P-loop containing nucleoside triphosphate hydrolases superfamily protein	-2.2	1.1E-10	5.6E-09	-1.4	6.3E-04	1.2E-02
AT1G74080	MYB122	myb domain protein 122	-2.2	7.3E-05	5.4E-04	-1.3	1.5E-01	3.9E-01
AT5G22460	AT5G22460	alpha/beta-Hydrolases superfamily protein	-2.2	1.4E-05	1.3E-04	-1.5	1.9E-02	1.1E-01
AT1G77200	AT1G77200	Integrase-type DNA-binding superfamily protein	-2.2	8.6E-05	6.2E-04	-1.6	1.3E-02	8.8E-02
AT4G16670	AT4G16670	auxin canalization protein (DUF828)	-2.2	6.3E-05	4.8E-04	-1.9	7.1E-04	1.3E-02
AT3G27510	AT3G27510	Cysteine/Histidine-rich C1 domain family protein	-2.2	1.7E-05	1.6E-04	-1.2	3.1E-01	5.7E-01
AT5G59080	AT5G59080	hypothetical protein	-2.2	2.4E-06	3.0E-05	-1.0	9.4E-01	9.8E-01
AT3G21680	AT3G21680	hypothetical protein	-2.2	9.6E-05	6.9E-04	1.3	8.1E-02	2.7E-01
AT1G52050	AT1G52050	Mannose-binding lectin superfamily protein	-2.2	1.3E-02	3.9E-02	1.3	3.3E-01	6.0E-01
AT5G52220	AT5G52220	chromosome transmission fidelity-like protein	-2.2	1.7E-02	5.0E-02	-1.1	7.9E-01	9.1E-01
AT1G79580	SMB	NAC (No Apical Meristem) domain transcriptional regulator superfamily protein	-2.2	9.0E-03	3.0E-02	1.6	7.7E-02	2.6E-01
AT3G02850	SKOR	STELAR K outward rectifier	-2.2	6.2E-05	4.7E-04	1.1	7.0E-01	8.6E-01
AT3G03500	AT3G03500	TatD related DNase	-2.2	2.7E-03	1.1E-02	1.2	5.1E-01	7.4E-01
AT3G07600	AT3G07600	Heavy metal transport/detoxification superfamily protein	-2.2	7.3E-04	3.8E-03	-1.0	8.8E-01	9.6E-01
AT1G20160	ATSBT5.2	Subtilisin-like serine endopeptidase family protein	-2.2	7.8E-07	1.1E-05	1.0	9.2E-01	9.7E-01
AT5G39890	AT5G39890	2-aminoethanethiol dioxygenase, putative (DUF1637)	-2.2	2.0E-05	1.8E-04	1.0	9.0E-01	9.6E-01
AT5G28300	AT5G28300	Duplicated homeodomain-like superfamily protein	-2.2	2.3E-07	3.9E-06	-1.5	1.4E-03	2.0E-02
AT2G29130	LAC2	laccase 2	-2.2	1.0E-03	5.0E-03	-1.6	2.9E-02	1.5E-01
AT5G63540	RM11	recQ-mediated instability protein (DUF1767)	-2.2	2.9E-03	1.2E-02	1.2	4.5E-01	7.0E-01
AT5G47950	AT5G47950	HXXXD-type acyl-transferase family protein	-2.2	1.7E-06	2.2E-05	1.0	9.8E-01	1.0E+00
AT1G56630	AT1G56630	alpha/beta-Hydrolases superfamily protein	-2.2	1.7E-04	1.1E-03	1.3	8.5E-02	2.8E-01
AT4G30140	CDEF1	GDSL-like Lipase/Acylhydrolase superfamily protein	-2.2	4.2E-03	1.6E-02	-1.1	6.0E-01	8.0E-01
AT5G40030	AT5G40030	Protein kinase superfamily protein	-2.2	3.2E-03	1.3E-02	1.4	1.5E-01	3.9E-01
AT1G11740	AT1G11740	ankyrin repeat family protein	-2.2	7.1E-08	1.4E-06	-1.7	3.6E-05	1.6E-03
AT2G30930	AT2G30930	hypothetical protein	-2.2	8.2E-07	1.2E-05	-1.5	2.2E-03	2.8E-02
AT4G38340	AT4G38340	Plant regulator RWP-RK family protein	-2.2	7.7E-05	5.6E-04	-1.5	1.8E-02	1.1E-01
AT5G47590	AT5G47590	Heat shock protein HSP20/alpha crystallin family	-2.2	1.9E-04	1.2E-03	-1.2	3.2E-01	5.8E-01
AT2G38940	PHT1		-2.2	4.6E-06	5.3E-05	-1.0	8.9E-01	9.6E-01
AT3G23800	SBP3	selenium-binding protein 3	-2.2	2.7E-05	2.3E-04	1.3	7.5E-02	2.6E-01
AT5G60310	AT5G60310	Concanavalin A-like lectin protein kinase family protein	-2.2	6.7E-04	3.5E-03	1.1	7.3E-01	8.8E-01
AT4G39675	AT4G39675	hypothetical protein	-2.2	7.2E-04	3.7E-03	1.0	9.3E-01	9.8E-01
AT1G19530	AT1G19530	DNA polymerase epsilon catalytic subunit A	-2.2	1.3E-02	4.1E-02	-1.0	9.9E-01	1.0E+00
AT5G02360	AT5G02360	DC1 domain-containing protein	-2.2	5.5E-06	6.1E-05	-1.0	8.9E-01	9.6E-01
AT3G45650	NAXT1	nitrate excretion transporter1	-2.2	3.6E-07	5.8E-06	-1.1	6.7E-01	8.5E-01
AT3G03470	CYP89A9	cytochrome P450, family 87, subfamily A, polypeptide 9	-2.2	1.1E-07	2.0E-06	-1.4	3.4E-03	3.7E-02
AT1G52060	AT1G52060	Mannose-binding lectin superfamily protein	-2.2	1.7E-02	4.9E-02	1.7	8.3E-02	2.8E-01
AT5G14020	AT5G14020	Endosomal targeting BRO1-like domain-containing protein	-2.2	4.5E-03	1.7E-02	1.4	1.2E-01	3.4E-01
AT5G53190	SWEET3	Nodulin MtN3 family protein	-2.2	8.5E-04	4.3E-03	-1.0	9.7E-01	9.9E-01
AT4G17220	MAP70-5	microtubule-associated proteins 70-5	-2.2	1.3E-06	1.7E-05	1.0	8.4E-01	9.4E-01
AT3G48260	WNK3	with no lysine (K) kinase 3	-2.2	7.5E-07	1.1E-05	-1.9	1.5E-05	8.9E-04
AT3G14260	AT3G14260	LURP-one-like protein (DUF567)	-2.2	2.3E-04	1.4E-03	-1.2	3.3E-01	6.0E-01
AT1G26200	AT1G26200	TRAM, LAG1 and CLN8 (TLC) lipid-sensing domain containing protein	-2.2	1.4E-02	4.3E-02	-1.1	7.0E-01	8.7E-01
AT5G18860	NSH3	inosine-uridine preferring nucleoside hydrolase family protein	-2.2	1.3E-10	6.1E-09	-1.0	6.5E-01	8.3E-01
AT5G19040	IPT5	isopentenyltransferase 5	-2.2	1.2E-04	8.0E-04	-1.3	1.3E-01	3.6E-01
AT5G06940	AT5G06940	Leucine-rich repeat receptor-like protein kinase family protein	-2.2	1.3E-02	4.0E-02	1.6	8.3E-02	2.8E-01
AT2G15370	FUT5	fucosyltransferase 5	-2.1	4.7E-03	1.7E-02	1.6	3.7E-02	1.7E-01
AT4G13560	UNE15	Late embryogenesis abundant protein (LEA) family protein	-2.1	1.1E-02	3.4E-02	-2.2	8.3E-03	6.6E-02
AT1G73066	AT1G73066	Leucine-rich repeat family protein	-2.1	3.8E-06	4.4E-05	1.4	1.2E-02	8.2E-02
AT3G07000	AT3G07000	Cysteine/Histidine-rich C1 domain family protein	-2.1	5.5E-06	6.1E-05	-1.4	2.1E-02	1.2E-01
AT2G44740	CYCP4	0	-2.1	7.1E-05	5.3E-04	1.2	2.1E-01	4.7E-01
AT3G07990	SCPL27	serine carboxypeptidase-like 27	-2.1	8.1E-12	5.4E-10	-1.4	1.9E-05	1.1E-03
AT4G14980	AT4G14980	Cysteine/Histidine-rich C1 domain family protein	-2.1	4.7E-03	1.7E-02	1.5	6.2E-02	2.3E-01
AT1G66040	VIM4	Zinc finger (C3HC4-type RING finger) family protein	-2.1	8.8E-03	2.9E-02	-2.1	1.1E-02	7.6E-02
AT5G41260	BSK8	kinase with tetratricopeptide repeat domain-containing protein	-2.1	6.1E-12	4.3E-10	-1.2	5.3E-02	2.1E-01
AT4G27450	AT4G27450	aluminum induced protein with YGL and LRDR	-2.1	3.1E-08	7.1E-07	1.1	3.8E-01	6.4E-01
AT4G13918	AT4G13918	Natural antisense transcript overlaps with AT4G13920	-2.1	5.7E-06	6.3E-05	1.1	3.3E-01	5.9E-01
AT2G43000	NAC042	NAC domain containing protein 42	-2.1	1.5E-02	4.6E-02	-1.0	8.5E-01	9.5E-01
AT3G25780	AOC3	allene oxide cyclase 3	-2.1	4.5E-06	5.1E-05	1.2	1.6E-01	4.0E-01
AT3G14210	ESM1	GDSL-like lipase/acylhydrolase superfamily protein	-2.1	1.7E-03	7.5E-03	-1.4	1.0E-01	3.1E-01

AT1G07090	<i>LSH6</i>	LIGHT-DEPENDENT SHORT HYPOCOTYLS-like protein (DUF640)	-2.1	7.8E-05	5.7E-04	-1.8	1.5E-03	2.1E-02
AT1G17250	<i>RLP3</i>	receptor like protein 3	-2.1	8.3E-03	2.8E-02	1.1	6.8E-01	8.5E-01
AT2G13910	<i>AT2G13910</i>	pseudogene of Cysteine/Histidine-rich C1 domain family protein	-2.1	2.6E-04	1.6E-03	1.2	2.2E-01	4.8E-01
AT4G22235	<i>AT4G22235</i>	defensin-like protein	-2.1	3.7E-03	1.5E-02	1.3	2.9E-01	5.5E-01
AT5G40730	<i>AGP24</i>	arabinogalactan protein 24	-2.1	2.2E-05	1.9E-04	-1.3	8.6E-02	2.8E-01
AT3G17580	<i>AT3G17580</i>	SsrA-binding protein	-2.1	4.0E-05	3.3E-04	-1.5	1.8E-02	1.1E-01
AT4G14270	<i>AT4G14270</i>	polyadenylate-binding protein interacting protein	-2.1	2.3E-09	7.5E-08	-1.0	6.2E-01	8.2E-01
AT4G25220	<i>G3Pp2</i>	root hair specific 15	-2.1	1.5E-04	9.9E-04	-1.0	9.7E-01	9.9E-01
AT5G60100	<i>PRR3</i>	pseudo-response regulator 3	-2.1	3.7E-08	8.2E-07	1.1	4.1E-01	6.7E-01
AT5G58660	<i>AT5G58660</i>	2-oxoglutarate (2OG) and Fe(II)-dependent oxygenase superfamily protein	-2.1	5.8E-05	4.5E-04	-1.0	7.6E-01	8.9E-01
AT3G20935	<i>CYP705A28</i>	cytochrome P450, family 705, subfamily A, polypeptide 28	-2.1	1.5E-04	1.0E-03	1.2	2.9E-01	5.5E-01
AT2G26360	<i>AT2G26360</i>	Mitochondrial substrate carrier family protein	-2.1	3.0E-06	3.6E-05	-1.0	8.4E-01	9.4E-01
AT2G39855	<i>AT2G39855</i>	plant/protein	-2.1	1.1E-02	3.5E-02	-1.7	6.3E-02	2.3E-01
AT3G09940	<i>MDHAR</i>	monodehydroascorbate reductase	-2.1	6.0E-04	3.2E-03	1.3	1.7E-01	4.1E-01
AT5G43180	<i>AT5G43180</i>	transmembrane protein, putative (Protein of unknown function, DUF599)	-2.1	1.7E-04	1.1E-03	-1.1	7.7E-01	9.0E-01
AT1G50560	<i>CYP705A25</i>	cytochrome P450, family 705, subfamily A, polypeptide 25	-2.1	1.9E-06	2.5E-05	1.0	7.3E-01	8.8E-01
AT5G42280	<i>AT5G42280</i>	Cysteine/Histidine-rich C1 domain family protein	-2.1	8.2E-07	1.2E-05	-1.2	1.6E-01	4.0E-01
AT3G51570	<i>AT3G51570</i>	Disease resistance protein (TIR-NBS-LRR class)	-2.1	8.4E-03	2.8E-02	-1.5	1.1E-01	3.3E-01
AT3G01760	<i>AT3G01760</i>	Transmembrane amino acid transporter family protein	-2.1	9.6E-04	4.7E-03	1.1	7.5E-01	8.9E-01
AT1G72060	<i>AT1G72060</i>	serine-type endopeptidase inhibitor	-2.1	6.8E-03	2.4E-02	1.2	3.9E-01	6.5E-01
AT4G15330	<i>CYP705A1</i>	cytochrome P450, family 705, subfamily A, polypeptide 1	-2.1	4.4E-05	3.5E-04	-1.1	7.4E-01	8.8E-01
AT1G63300	<i>AT1G63300</i>	Myosin heavy chain-related protein	-2.1	3.9E-10	1.6E-08	-1.5	2.7E-05	1.3E-03
AT1G10070	<i>BCAT-2</i>	branched-chain amino acid transaminase 2	-2.1	1.8E-03	7.8E-03	-1.3	2.6E-01	5.3E-01
AT3G48550	<i>AT3G48550</i>	SHOOT GRAVITROPISM-like protein	-2.1	1.9E-05	1.7E-04	-1.5	9.7E-03	7.2E-02
AT1G80130	<i>AT1G80130</i>	Tetratricopeptide repeat (TPR)-like superfamily protein	-2.1	9.2E-03	3.0E-02	-2.0	1.1E-02	7.8E-02
AT4G06701	<i>AT4G06701</i>		-2.1	3.5E-05	2.9E-04	-1.1	7.1E-01	8.7E-01
AT2G21820	<i>AT2G21820</i>	seed maturation protein	-2.1	2.3E-03	9.6E-03	1.0	9.5E-01	9.9E-01
AT2G29750	<i>UGT71C1</i>	UDP-glucosyl transferase 71C1	-2.1	9.8E-07	1.4E-05	1.2	2.1E-01	4.6E-01
AT5G42630	<i>ATS</i>	Homeodomain-like superfamily protein	-2.1	3.4E-03	1.3E-02	1.7	1.7E-02	1.0E-01
AT3G46330	<i>MEE39</i>	Leucine-rich repeat protein kinase family protein	-2.1	4.0E-03	1.5E-02	-1.5	8.6E-02	2.8E-01
AT3G53210	<i>UMAMIT6</i>	nodulin MtN21 /EamA-like transporter family	-2.1	3.7E-05	3.1E-04	1.3	7.2E-02	2.5E-01
AT4G30120	<i>HMA3</i>	heavy metal atpase 3	-2.1	2.5E-03	1.0E-02	-1.3	2.2E-01	4.8E-01
AT5G18910	<i>AT5G18910</i>	Protein kinase superfamily protein	-2.1	1.7E-02	4.9E-02	1.4	1.8E-01	4.3E-01
AT1G66280	<i>BGLU22</i>	Glycosyl hydrolase superfamily protein	-2.1	6.0E-06	6.6E-05	1.5	5.3E-03	4.8E-02
AT5G48090	<i>ELP1</i>	EDM2-like protein1	-2.1	2.2E-03	9.4E-03	-1.3	2.0E-01	4.5E-01
AT4G29190	<i>OZF2</i>	Zinc finger C-x8-C-x5-C-x3-H type family protein	-2.1	1.9E-04	1.2E-03	-1.3	1.9E-01	4.4E-01
AT1G04490	<i>AT1G04490</i>	hypothetical protein (DUF3527)	-2.1	7.1E-03	2.5E-02	-1.1	7.0E-01	8.7E-01
AT3G13640	<i>ABCE1</i>	RNase I inhibitor protein 1	-2.1	3.3E-03	1.3E-02	-1.4	1.1E-01	3.2E-01
AT1G07880	<i>ATMPK13</i>	Protein kinase superfamily protein	-2.1	9.5E-05	6.8E-04	-1.5	2.3E-02	1.3E-01
AT1G10550	<i>XTH33</i>	xyloglucan:xyloglucosyl transferase 33	-2.1	6.7E-04	3.5E-03	-1.3	2.2E-01	4.8E-01
AT5G12930	<i>AT5G12930</i>	inactive rhomboid protein	-2.1	2.1E-05	1.8E-04	-1.5	5.7E-03	5.1E-02
AT1G70990	<i>AT1G70990</i>	proline-rich family protein	-2.1	6.2E-05	4.7E-04	-1.5	8.7E-03	6.7E-02
AT2G23330	<i>AT2G23330</i>	transposable_element_gene	-2.1	1.9E-08	4.6E-07	1.3	1.1E-02	7.9E-02
AT3G62780	<i>AT3G62780</i>	Calcium-dependent lipid-binding (CaLB domain) family protein	-2.1	2.2E-03	9.5E-03	-1.3	2.0E-01	4.6E-01
AT1G08650	<i>PPCK1</i>	phosphoenolpyruvate carboxylase kinase 1	-2.1	4.1E-09	1.3E-07	-1.1	3.1E-01	5.7E-01
AT5G20420	<i>CHR42</i>	chromatin remodeling 42	-2.1	5.5E-04	3.0E-03	1.2	2.9E-01	5.5E-01
AT5G08185	<i>MIR162A</i>	microRNA162A	-2.1	1.1E-06	1.6E-05	1.0	8.5E-01	9.4E-01
AT5G40780	<i>LHT1</i>	lysine histidine transporter 1	-2.1	7.7E-06	8.1E-05	-1.1	3.5E-01	6.2E-01
AT1G78130	<i>UNE2</i>	Major facilitator superfamily protein	-2.1	1.9E-07	3.4E-06	-1.1	2.5E-01	5.1E-01
AT5G22355	<i>AT5G22355</i>	Cysteine/Histidine-rich C1 domain family protein	-2.1	5.2E-07	8.0E-06	-1.1	2.4E-01	5.0E-01
AT3G61680	<i>AT3G61680</i>	alpha/beta-Hydrolases superfamily protein	-2.1	8.6E-05	6.2E-04	-1.7	1.3E-03	1.9E-02
AT1G26960	<i>AtHB23</i>	homeobox protein 23	-2.0	2.2E-08	5.2E-07	-1.1	1.7E-01	4.1E-01
AT1G61950	<i>CPK19</i>	calcium-dependent protein kinase 19	-2.0	2.0E-03	8.6E-03	1.0	9.5E-01	9.8E-01
AT1G34540	<i>CYP94D1</i>	cytochrome P450, family 94, subfamily D, polypeptide 1	-2.0	3.7E-03	1.4E-02	1.0	8.6E-01	9.5E-01
AT2G16060	<i>HB1</i>	hemoglobin 1	-2.0	6.3E-03	2.2E-02	1.1	7.2E-01	8.7E-01
AT1G22065	<i>AT1G22065</i>	hypothetical protein	-2.0	2.0E-03	8.7E-03	-1.0	8.4E-01	9.4E-01
AT5G01700	<i>AT5G01700</i>	Protein phosphatase 2C family protein	-2.0	5.2E-10	2.1E-08	-1.1	5.1E-01	7.4E-01
AT1G35330	<i>AT1G35330</i>	RING/U-box superfamily protein	-2.0	8.1E-05	5.9E-04	1.1	6.1E-01	8.1E-01
AT2G31860	<i>AT2G31860</i>	pseudogene of poly(ADP-ribose) glycohydrolase 2	-2.0	8.2E-03	2.8E-02	-1.1	7.6E-01	9.0E-01
AT1G33440	<i>AT1G33440</i>	Major facilitator superfamily protein	-2.0	1.6E-04	1.0E-03	-1.3	1.3E-01	3.6E-01
AT1G54120	<i>AT1G54120</i>	hypothetical protein	-2.0	4.9E-05	3.9E-04	1.4	3.3E-02	1.6E-01
AT5G55250	<i>IAMT1</i>	IAA carboxylmethyltransferase 1	-2.0	1.5E-04	9.9E-04	1.2	2.6E-01	5.3E-01
AT5G46260	<i>AT5G46260</i>	disease resistance protein (TIR-NBS-LRR class)	-2.0	7.2E-03	2.5E-02	-1.0	9.7E-01	9.9E-01
AT1G60110	<i>AT1G60110</i>	Mannose-binding lectin superfamily protein	-2.0	8.7E-03	2.9E-02	-1.7	4.0E-02	1.8E-01
AT5G63350	<i>AT5G63350</i>	von willebrand factor A domain protein	-2.0	6.9E-03	2.4E-02	1.0	9.3E-01	9.8E-01
AT4G12270	<i>AT4G12270</i>	Copper amine oxidase family protein	-2.0	3.0E-03	1.2E-02	1.2	3.5E-01	6.2E-01
AT2G03590	<i>UPS1</i>	ureide permease 1	-2.0	6.7E-08	1.4E-06	-1.2	6.0E-02	2.3E-01
AT5G03570	<i>IREG2</i>	iron regulated 2	-2.0	3.3E-05	2.8E-04	-1.1	3.6E-01	6.2E-01
AT2G22970	<i>SCPL11</i>	serine carboxypeptidase-like 11	-2.0	4.9E-08	1.0E-06	-1.8	1.6E-06	2.0E-04
AT2G02630	<i>AT2G02630</i>	Cysteine/Histidine-rich C1 domain family protein	-2.0	1.3E-03	6.3E-03	1.1	5.4E-01	7.6E-01
AT1G19540	<i>AT1G19540</i>	NmrA-like negative transcriptional regulator family protein	-2.0	9.8E-05	6.9E-04	-1.1	7.0E-01	8.6E-01

AT1G60130	<i>AT1G60130</i>	Mannose-binding lectin superfamily protein	-2.0	5.0E-03	1.9E-02	-1.6	5.3E-02	2.1E-01
AT1G09570	<i>PHYA</i>	phytochrome A	-2.0	6.2E-10	2.4E-08	-1.4	1.7E-04	4.6E-03
AT1G18990	<i>AT1G18990</i>	myosin-binding protein, putative (Protein of unknown function, DUF593)	-2.0	3.0E-03	1.2E-02	-1.5	4.8E-02	2.0E-01
AT5G19170	<i>AT5G19170</i>	NEP-interacting protein, putative (DUF239)	-2.0	1.4E-04	9.5E-04	-1.2	2.1E-01	4.7E-01
AT3G61028	<i>AT3G61028</i>	Putative endonuclease or glycosyl hydrolase	-2.0	1.1E-02	3.5E-02	-1.2	4.0E-01	6.5E-01
AT2G15400	<i>NRPE3B</i>	DNA-directed RNA polymerase family protein	-2.0	7.4E-03	2.6E-02	1.0	9.9E-01	1.0E+00
AT5G08000	<i>E13L3</i>	glucan endo-1,3-beta-glucosidase-like protein 3	-2.0	2.1E-05	1.9E-04	1.3	5.7E-02	2.2E-01
AT3G26220	<i>CYP71B3</i>	cytochrome P450, family 71, subfamily B, polypeptide 3	-2.0	3.7E-05	3.0E-04	-1.3	4.6E-02	1.9E-01
AT1G67910	<i>AT1G67910</i>	hypothetical protein	-2.0	3.5E-06	4.1E-05	-1.6	3.1E-04	7.1E-03
AT3G06450	<i>AT3G06450</i>	HCO3- transporter family	-2.0	4.0E-10	1.7E-08	1.1	2.7E-01	5.4E-01