Supplementary Table S1. Specifically expressed genes under mild Al stress

	polementary Table S1. Specifically expressed genes under mild AI stress Average log ₂ FC value under mild Average log ₂ FC value under mild Average log ₂ FC value under mild									
Gene ID	Description	Al	Cd	Cu	Na	Al	Cd	Cu	Na	
AT1G02310	mannan endo-1,4-beta-mannosidase 1	2.7	0.5	0.6	0.3	2.0	2.7	4.1	1.0	
AT1G02470	SRPBCC ligand-binding domain-	2.5	0.1	-0.2	-0.4	0.6	0.7	1.1	-0.1	
AT1C02170	containing protein protein FANTASTIC FOUR 2	27	1.5	1.6	0.3	1.0	1.1	0.5	0.7	
AT1G03170 AT1G05340	hypothetical protein	3.7 3.4	1.5 0.7	1.6 0.9	-0.2	1.8	1.1 1.3	0.5 2.4	0.7	
AT1G03340 AT1G10540	nucleobase-ascorbate transporter 8	2.4	0.7	0.9	0.2	0.2	0.4	0.6	0.8	
AT1G10340 AT1G11190	endonuclease 1	2.4	0.3	0.6	0.2	2.0	0.7	1.7	0.3	
ATIGITI90	Endosomal targeting BRO1-like domain-		0.3		0.0	2.0	0.7	1./	0.3	
AT1G13310	containing protein	2.3	0.7	-1.1	0.4	0.8	0.9	0.1	0.9	
AT1G13340	Regulator of Vps4 activity in the MVB pathway protein	2.4	0.8	1.4	0.2	2.6	3.4	4.5	1.7	
AT1G13520	hypothetical protein N-ethylmaleimide-sensitive factor	2.7	1.8	1.8	0.4	1.4	3.0	3.9	1.8	
AT1G13890	adaptor protein 30	2.5	-0.1	-0.4	-0.2	0.5	0.3	0.5	0.2	
AT1G15180	MATE efflux family protein MADS-box transcription factor family	2.9	-1.0	-0.5	0.0	0.6	-0.5	0.2	-0.1	
AT1G17310	protein	3.4	1.2	1.7	-1.4	1.9	2.7	3.2	-0.6	
AT1G17710	phosphoethanolamine/phosphocholine phosphatase	5.5	1.6	1.7	0.5	0.6	0.3	0.5	0.0	
AT1G19610	defensin-like protein 19	4.2	0.7	1.5	0.7	-0.1	-0.3	1.4	0.1	
AT1G20350	translocase inner membrane subunit 17-1	3.4	0.8	2.4	-0.5	0.2	0.6	0.6	0.5	
AT1G21890	WAT1-related protein	3.1	1.7	0.1	-0.4	1.2	0.7	-0.3	0.2	
AT1G23550	probable inactive poly [ADP-ribose] polymerase SRO2	2.7	0.4	0.5	0.2	2.3	2.0	2.8	0.6	
AT1G25400	hypothetical protein	2.9	1.5	2.1	0.5	0.5	1.6	1.8	0.5	
AT1G26560	beta glucosidase 40	2.3	0.7	1.2	0.3	0.0	0.5	0.1	0.1	
AT1G27940	ABC transporter B family member 13	2.7	-2.1	-1.3	0.3	-0.1	-0.7	0.1	0.4	
AT1G30220	putative inositol transporter 2	4.2	0.2	0.1	0.4	0.5	0.4	1.1	0.2	
AT1G30740	FAD-binding and BBE domain-	2.5	0.1	0.5	-0.1	0.4	0.0	1.6	0.6	
AT1G32940	containing protein Subtilase 3.5	3.0	1.8	1.7	0.1	0.3	0.8	1.5	0.0	
AT1G32940 AT1G35140	protein EXORDIUM LIKE 1	2.4	1.5	0.0	0.1	2.1	2.0	1.9	1.4	
AT1G33140 AT1G48000	•	3.2	2.0	2.0	-0.2	3.1	3.7	3.5		
AT1G48000 AT1G51340	myb domain protein 112 MATE efflux family protein	3.3	0.6	0.4	-0.2 -0.1	0.2	0.0	0.2	1.6 0.1	
AT1G51830	putative leucine-rich repeat protein	2.2	1.4	1.0	-0.1	1.3	-2.1	-0.8	0.1	
AT1G55780	kinase hypothetical protein	3.3	1.1	0.4	0.3	2.6	1.0	1.7	2.6	
AT1G55780 AT1G57990	purine permease 18	2.5	1.1	1.1	0.3	1.8	2.7	4.0	1.1	
AT1G57990 AT1G62240	hypothetical protein	3.1	0.8	0.4	-0.4	0.1	0.7	1.3	0.3	
AT1G66180	aspartyl protease family protein	2.6	1.6	0.4	-0.3	3.2	1.4	1.2	0.5	
AT1G67070	mannose-6-phosphate isomerase	2.7	1.2	1.0	0.2	1.8	2.2	4.7	0.7	
AT1G68320	R2R3-MYB transcription family	2.8	0.7	2.2	-0.2	0.5	0.6	0.9	0.3	
AT1G69120	Floral homeotic protein APETALA 1	2.6	-0.3	2.4	-0.3	0.0	-0.3	0.4	0.2	
AT1G69880	thioredoxin H8	2.8	0.0	1.0	1.0	0.5	0.9	3.1	0.5	
AT1G70170	matrix metalloproteinase	2.6	1.4	1.3	0.4	2.0	1.8	2.6	1.2	
AT1G72890	TIR-NBS class of disease resistance protein	3.8	1.0	1.0	0.2	2.6	1.9	2.1	0.1	
AT1G74000	strictosidine synthase 3	2.4	0.5	1.5	0.4	1.1	1.1	3.8	1.4	
AT1G74810	boron transporter 5	2.3	-0.3	-1.0	-1.1	-0.6	-0.3	-0.2	-0.8	
AT1G75030	thaumatin-like protein 3	2.9	0.3	0.8	0.8	1.2	-0.1	-0.4	1.2	
AT1G76650	calcium-binding protein CML38	2.5	1.0	1.4	0.1	1.7	3.2	4.4	2.1	
AT1G78340	glutathione S-transferase TAU 22	2.7	0.9	-1.9	0.0	3.2	2.1	-0.1	2.0	
AT1G80110	phloem protein 2-B11	2.4	0.2	0.1	-0.1	2.4	1.7	1.1	1.3	
AT2G01300	hypothetical protein	3.1	0.9	0.6	-0.3	1.6	1.5	3.0	1.5	
AT2G02270	71 1	2.9	0.8	0.7	-0.2	0.8	1.2	0.8	0.3	
AT2G02300	phloem protein 2-B5	3.1	1.0	0.9	0.5	0.8	0.8	0.4	0.4	
AT2G03850	late embryogenesis abundant protein	3.4	1.4	0.8	0.3	1.3	1.7	1.8	0.1	
AT2G04460	(LEA) family protein	2.5	0.9	2.4	0.0	-0.1	-0.2	0.3	-0.2	
AT2G11810	Monogalactosyldiacylglycerol synthase 3	2.6	-0.1	0.0	0.1	0.6	-0.6	-0.2	-0.9	
AT2G17500	auxin efflux carrier family protein	2.2	0.0	-0.1	0.0	2.3	0.6	1.3	1.0	
AT2G18480	putative polyol transporter 3	3.5	1.1	0.1	0.3	2.8	-0.2	-0.1	0.9	
AT2G18550	homeobox-leucine zipper protein ATHB- 21	2.7	0.5	1.1	0.5	0.6	-0.1	1.9	0.0	
AT2G19900	NADP-dependent malic enzyme 1	2.5	1.4	1.8	-0.1	2.0	1.5	2.4	0.3	

AT2G21400	SHI-related sequence3	2.7	1.1	0.1	-0.8	0.6	0.5	0.3	0.1	
AT2G25460	hypothetical protein	2.2	1.6	1.7	0.2	1.9	3.9	4.1	2.4	
AT2G26480	UDP-glucosyl transferase 76D1	2.9	1.9	0.7	0.8	1.5	2.0	0.4	0.9	
AT2G26690	nitrate transporter 1.4	2.7	-0.4	0.2	-0.1	1.9	0.2	1.1	-0.1	
7112020070	mutate transporter 1.1	2.7	0.1	0.2	0.1	1.,,	0.2	1.1	0.1	
AT2G27535	ribosomal protein L10A family protein	2.9	0.2	0.1	0.6	0.0	1.4	0.1	0.9	
AT2C27920	hymothetical mustain	2.2	1.6	1.2	0.2	1.2	1.4	2.1	0.6	
AT2G27830	hypothetical protein	2.2	1.6	1.3	0.2	1.2	1.4	3.1	0.6	
AT2G28700	protein agamous-like 46	3.8	1.9	0.5	0.6	0.2	0.1	0.3	0.1	
AT2G29250	concanavalin A-like lectin protein kinase-	2.7	2.1	1.2	0.7	0.1	-0.3	0.3	0.3	
	like protein									
AT2G29380	highly ABA-induced PP2C protein 3	3.6	0.5	0.6	0.3	1.5	1.2	0.8	1.5	
AT2G29450	glutathione S-transferase tau 5	2.7	0.5	1.9	0.7	2.4	2.9	4.6	1.8	
AT2G30140	UDP-glycosyltransferase 87A2	2.1	1.8	1.0	0.3	2.4	3.6	3.9	1.6	
AT2G31560	hypothetical protein	2.9	0.3	-0.4	0.2	1.6	0.4	1.1	0.8	
AT2G32190	hypothetical protein	3.6	1.7	1.6	0.4	2.9	3.0	4.0	1.6	
AT2G32660	receptor like protein 22	2.2	1.0	1.6	-0.1	0.5	2.7	3.7	0.7	
	putative inorganic phosphate transporter									
AT2G32830	1-5	2.6	1.1	1.6	0.7	0.2	0.3	0.3	-0.1	
AT2G33380	caleosin 3	3.4	-1.6	-1.0	0.5	1.5	0.3	1.3	0.2	
7112033300	carcosin 5	5.4	1.0	1.0	0.5	1.5	0.5	1.5	0.2	
AT2G35370	glycine decarboxylase complex protein H	2.5	0.3	1.3	0.3	0.3	1.2	0.5	0.2	
A TTO CO 6 1 40		2.0	1.6	0.2	0.0	0.1	0.6	0.2	0.0	
AT2G36440	hypothetical protein	2.9	1.6	0.2	0.0	0.1	0.6	0.2	0.0	
AT2G37330	protein aluminum sensitive 3	2.1	0.7	0.3	0.2	0.8	0.0	-0.2	-0.2	
AT2G38790	hypothetical protein	3.9	1.0	1.4	0.2	1.8	1.5	1.9	1.5	
AT2G39510	nodulin MtN21-like transporter family	6.2	0.3	0.1	1.2	1.9	1.4	0.3	-0.1	
A12039310	protein	0.2	0.5	0.1	1.2	1.9	1.4	0.5	-0.1	
AT2G40880	cysteine proteinase inhibitor 3	3.1	0.6	-0.3	-0.2	2.2	1.5	1.2	1.2	
AT2G41850	polygalacturonase ADPG2	3.1	-0.4	0.1	-0.3	0.6	1.2	2.3	0.8	
AT2G44175	N-myristoyltransferase-related protein	2.9	-0.4	0.3	0.0	0.2	-0.1	0.0	-0.1	
	SPFH/Band 7/PHB domain-containing									
AT3G01290	membrane-associated protein	2.7	1.8	1.5	0.2	1.1	1.2	2.7	0.1	
	memorane associated protein									
AT3G01830	putative calcium-binding protein CML40	2.5	1.8	1.4	0.7	2.1	3.3	4.3	3.6	
AT2C01000	ACT 1	2.5	1.1	1.2	0.2	0.7	1.0	1.5	0.2	
AT3G01990	ACT domain-containing protein 6	2.5	1.1	1.3	0.2	0.7	1.9	1.5	-0.2	
AT3G03640	beta glucosidase 25	3.6	0.7	0.1	-0.2	3.4	1.8	1.1	1.7	
AT3G05400	sugar transporter ERD6-like 12	3.1	1.2	-0.9	0.1	0.4	0.1	0.9	0.0	
AT3G06210	hypothetical protein	2.9	0.2	-0.3	-0.1	1.8	0.5	0.3	-0.1	
AT3G06490	putative transcription factor MYB108	3.2	1.6	2.1	-0.6	2.1	4.0	4.2	2.0	
AT3G08770	lipid-transfer protein 6	2.7	0.4	0.4	0.5	0.4	0.1	0.1	-0.1	
A TT2 CT00070	concanavalin A-like lectin protein kinase	2.2	1.0	0.2	0.6	0.1	0.0	0.1	0.0	
AT3G08870	family protein	3.2	1.6	-0.3	0.6	-0.1	0.0	0.1	0.0	
AT3G09220	laccase 7	2.6	1.9	1.6	0.4	0.6	0.5	1.5	0.8	
AT3G14770	bidirectional sugar transporter SWEET2	2.8	0.0	1.2	-0.3	1.2	1.0	2.4	0.1	
	late embryogenesis abundant protein									
AT3G17520	(LEA) family protein	3.9	-1.1	-0.9	-0.9	-0.4	-0.1	-0.4	0.4	
AT2C21700		6.0	0.0	0.4	0.5	1.7	0.2	2.0	0.2	
AT3G21790	UDP-glycosyltransferase 71B7	6.0	0.9	0.4	-0.5	1.7	0.3	3.0	0.2	
AT3G22240	hypothetical protein	2.8	1.5	1.1	0.0	2.2	0.6	2.5	0.1	
AT3G26740	CCR-like protein	2.8	0.1	0.1	0.2	0.5	0.2	2.2	0.3	
AT3G27810	transcription factor MYB21	4.3	-0.1	2.1	-0.1	-0.3	-0.2	0.8	0.5	
AT3G30842	pleiotropic drug resistance 10	2.4	0.4	0.3	0.4	0.1	0.2	0.0	0.1	
AT3G44880	pheophorbide A oxygenase	2.8	0.9	1.0	0.0	0.8	1.4	2.0	0.1	
AT3G48340	KDEL-tailed cysteine endopeptidase	3.7	0.7	0.8	-0.7	2.7	-1.0	-0.3	-0.4	
A13046340	CEP2	3.7	0.7	0.8	-0.7	2.1	-1.0	-0.3	-0.4	
AT3G48460	GDSL esterase/lipase	2.2	0.9	1.8	0.0	1.2	0.7	1.8	0.1	
	cytochrome P450, family 94, subfamily									
AT3G48520	B, polypeptide 3	3.9	1.1	1.6	0.7	0.4	1.1	3.2	0.8	
AT3G51895	sulfate transporter 3;1	3.8	1.3	1.9	-0.4	2.9	1.0	1.4	0.3	
AT3G52820	purple acid phosphatase 22	3.6	0.2	0.9	0.0	1.9	0.3	1.0	0.3	
AT3G52820 AT3G55790	hypothetical protein	2.8	1.9	0.2	-0.1	0.4	0.6	0.0	0.0	
		2.8		-0.2	-0.1	0.4			-0.1	
AT3G55910	hypothetical protein		-0.4				-0.1	0.8		
AT3G60130	beta glucosidase 16	2.2	0.1	0.7	0.0	1.9	1.8	2.4	0.4	
AT3G61390	U-box domain-containing protein 36	2.7	0.4	0.2	0.1	1.7	2.0	2.8	1.5	
AT3G61890	homeobox-leucine zipper protein ATHB-	3.2	-0.9	-0.6	0.0	1.7	0.9	1.6	0.6	
	12									
AT3G62730	hypothetical protein	3.2	-0.9	-0.8	0.4	0.8	0.0	0.3	0.6	
AT3G63380	nutative calcium-transporting ATPage 12	28	1 0	17	0.6	0.0	26	37	1.5	
AT3G63380	putative calcium-transporting ATPase 12	2.8	1.9	1.7	0.6	0.9	2.6	3.7	1.5	
AT3G63380 AT4G02170	hypothetical protein	2.8 2.3	1.9 1.4	1.7 0.1	0.6 -0.7	0.9 1.1	2.6	3.7 -0.2	0.7	

AT4G04460	aspartic proteinase A3	2.3	-0.1	-0.1	-0.1	0.9	-1.2	-2.2	-0.2
AT4G04490	cysteine-rich receptor-like protein kinase	2.4	1.5	0.5	0.3	1.8	2.0	0.9	2.3
A14004490	36	2.4	1.3	0.5	0.3	1.0	2.0	0.9	2.3
AT4G09120	putative RING-H2 finger protein ATL36	4.5	1.5	2.2	0.2	0.4	0.1	0.3	0.0
A14007120		4.5	1.5	2.2	0.2	0.4	0.1	0.5	0.0
	P-loop containing nucleoside								
AT4G09940	triphosphate hydrolases superfamily	2.5	0.2	-1.2	0.0	1.1	0.6	0.2	0.1
	protein								
	Gamma interferon responsive lysosomal								
AT4G12870	thiol (GILT) reductase family protein	2.7	1.2	1.4	0.8	1.5	-0.1	-0.8	-0.9
AT4G13250	probable chlorophyll(ide) b reductase	3.8	0.1	0.2	0.2	2.0	1.0	3.8	0.3
	NYC1								
AT4G13920	receptor like protein 50	2.3	1.7	1.5	0.1	0.4	1.0	0.6	0.1
AT4G16620	nodulin MtN21 /EamA-like transporter	2.6	0.3	-0.2	0.1	1.3	1.0	0.2	-0.2
	family protein		4.0	4.0	0.4			2.5	
AT4G18170	WRKY DNA-binding protein 28	2.5	1.8	1.9	0.1	1.5	2.2	3.7	1.3
AT4G18350	9-cis-epoxycarotenoid dioxygenase	5.1	1.3	1.3	0.3	2.1	0.8	2.4	1.0
ATT4C10515	NCED2	2.0	1.7	1.7	1.2	0.5	2.5	1.4	1.0
AT4G19515	Class V shirin	3.0	1.7	1.7	1.3	0.5	2.5	1.4	1.8
AT4G19810	Class V chitinase	2.9	1.6	0.6	0.7	1.7	2.9	1.9	1.3
AT4G19820	Glycosyl hydrolase family protein with chitinase insertion domain	2.8	1.6	0.6	0.7	0.8	1.9	0.6	0.4
	chiunase insertion domain								
AT4G21440	R2R3 family MYB transcription factor	3.4	0.9	-0.9	-0.7	0.2	1.2	0.8	0.0
AT4G21650	Subtilase family protein	2.5	0.4	1.4	-0.3	0.2	0.5	0.3	0.0
AT4G22070	WRKY DNA-binding protein 31	2.6	1.3	-0.1	0.8	2.0	1.9	1.9	1.5
AT4G24660	ZF-HD homeobox protein	3.2	-0.5	0.4	0.3	-0.1	0.1	0.3	0.0
AT4G24690	autophagy substrate NBR1	2.8	0.5	0.3	-0.1	2.1	1.8	2.0	0.3
AT4G24630	NAC domain containing protein 74	2.5	0.3	1.0	-0.3	0.6	0.0	0.2	-0.2
A14G26550	cytidine/deoxycytidylate deaminase	2.5		1.0			0.0		
AT4G29640	family protein	3.3	0.8	0.3	-0.9	0.1	0.6	0.7	-0.3
AT4G31330	hypothetical protein	2.5	2.0	-0.2	0.4	1.0	0.5	-0.4	-0.5
AT4G31710	glutamate receptor 2.4	2.8	-0.7	0.2	0.1	0.7	-0.5	0.2	0.1
AT4G33666	hypothetical protein	2.6	-0.4	-0.9	-0.1	1.3	0.4	0.9	0.2
AT4G33000 AT4G34320	hypothetical protein	3.1	0.2	0.8	0.0	1.8	0.4	0.2	0.2
AT4G34330	hypothetical protein	3.0	0.1	0.8	0.0	1.8	0.2	0.5	0.2
AT4G34710	arginine decarboxylase 2	3.2	1.4	0.5	0.1	3.4	1.3	2.7	1.0
711 103 1710	putative phosphatidylethanolamine-	3.2	1	0.5	0.1	5.1	1.5	2.7	1.0
AT5G01300	binding protein	2.5	1.9	1.1	0.7	0.3	0.2	0.2	0.0
AT5G01640	prenylated RAB acceptor 1.B5	2.6	1.3	0.4	0.3	1.8	2.1	1.3	0.7
AT5G02020	hypothetical protein	2.3	1.6	1.8	0.4	1.1	1.5	1.9	0.4
AT5G03210	hypothetical protein	3.4	1.5	0.6	0.4	1.5	1.1	0.8	3.0
AT5G04120	phosphoglycerate mutase-like protein	4.3	0.4	2.2	1.3	0.9	0.1	0.3	0.6
AT5G06320	NDR1/HIN1-Like protein 3	3.8	1.6	1.1	0.3	2.8	3.4	4.0	1.8
AT5G09930	ABC transporter F family member 2	2.9	-0.1	-0.2	0.1	-0.3	-0.4	-0.3	-0.3
	putative ethylene insensitive 3-like 4								
AT5G10120	protein	3.0	0.5	0.1	-0.1	0.0	0.0	0.3	-0.1
AT5G10695	hypothetical protein	2.2	1.3	1.2	-0.1	1.6	2.6	3.0	1.6
AT5G11210	glutamate receptor 2.5	2.2	1.5	-0.3	0.3	1.2	2.0	1.6	0.9
AT5G11410	protein kinase family protein	2.9	1.7	0.9	0.5	0.0	0.2	0.5	0.2
AT5G11670	NADP-dependent malic enzyme 2	2.3	1.5	1.9	-0.1	2.1	1.8	2.6	0.3
AT5G13200	GRAM domain family protein	2.9	1.4	1.1	0.2	1.6	2.4	2.4	1.6
	nodulin MtN21-like transporter								
AT5G13670	UMAMIT 15	2.4	-1.0	-0.4	-0.3	0.5	-0.2	0.3	0.5
ATSC16010	3-oxo-5-alpha-steroid 4-dehydrogenase	4.0	1 1	0.5	0.1	2.1	2.0	2.4	1.0
AT5G16010	family protein	4.0	1.1	0.5	-0.1	3.1	2.9	3.4	1.9
AT5G17860	calcium exchanger 7	4.0	1.6	0.8	-0.1	0.4	0.0	0.2	0.0
AT5G18170	glutamate dehydrogenase 1	2.3	1.1	0.9	0.4	2.3	-0.8	1.1	0.4
AT5G20000	AAA-type ATPase family protein	2.3	0.5	1.0	0.2	1.4	1.1	2.0	0.1
AT5G24860	flowering promoting factor 1	3.7	0.9	0.5	0.4	0.9	1.6	0.4	0.6
AT5G25460	hypothetical protein	3.1	1.1	1.4	0.2	2.6	-4.6	-2.7	-0.1
AT5G25910	receptor like protein 52	2.3	1.7	0.7	0.2	0.9	1.0	1.7	0.5
AT5G39520	hypothetical protein	7.6	1.4	1.4	0.2	2.4	1.1	2.6	-0.2
AT5G42800	dihydroflavonol-4-reductase	3.2	1.5	-1.1	0.1	0.0	0.4	-0.2	-0.1
AT5G43980	plasmodesmata-located protein 1	3.1	1.1	0.6	0.3	0.9	0.5	1.4	0.3
AT5G44390	FAD-binding Berberine family protein	3.4	0.8	-0.4	0.6	1.4	0.8	1.4	1.4
AT5G48180	nitrile specifier protein 5	2.8	0.0	-0.2	0.2	1.9	1.2	2.5	0.6
AT5G49350	glycine-rich protein	2.6	0.8	0.9	0.7	2.0	-0.9	-1.0	1.9
AT5G49690	UDP-glycosyltransferase 91C1	2.9	1.8	1.6	0.0	1.0	2.7	3.6	0.3

AT5G50130	Rossmann-fold NAD(P)-binding domain- containing protein	2.6	2.0	1.2	0.1	0.8	1.8	2.6	0.0
AT5G50360	hypothetical protein	3.2	-0.3	-0.3	-0.2	0.2	0.1	0.4	0.0
AT5G53820	Late embryogenesis abundant protein (LEA) family protein	2.8	1.6	0.5	0.4	1.9	2.9	0.7	3.6
AT5G56510	pumilio 12	3.2	1.0	1.1	0.8	0.0	-0.1	0.3	0.2
	xyloglucan								
AT5G57560	endotransglucosylase/hydrolase protein 22	3.1	1.2	1.2	0.4	3.9	2.5	3.8	2.8
AT5G58070	temperature-induced lipocalin TIL1	2.2	0.0	-0.2	-0.2	1.5	0.2	0.9	0.6
AT5G58330	lactate/malate dehydrogenase family protein	2.6	0.5	0.4	0.3	0.9	0.3	2.1	0.9
AT5G58570	hypothetical protein	2.2	0.2	-0.6	-0.2	1.2	-0.3	-0.4	0.2
AT5G59230	transcription factor-related protein	2.5	2.5	2.1	0.3	-0.1	1.3	-0.2	-0.4
AT5G59390	XH/XS domain-containing protein	4.4	0.8	1.4	-0.2	0.6	0.3	0.8	0.3
AT5G59490	haloacid dehalogenase-like hydrolase (HAD) superfamily protein	2.7	1.7	1.5	0.4	3.2	3.2	4.0	1.9
AT5G59820	high light responsive zinc finger protein ZAT12	3.5	1.6	1.7	0.4	1.6	2.4	2.4	1.7
AT5G61430	NAC domain containing protein 100	2.7	1.5	0.0	0.5	1.6	1.0	-0.3	0.9
AT5G62520	probable inactive poly [ADP-ribose] polymerase SRO5	2.4	1.3	0.6	-0.2	0.9	2.1	1.9	1.3
AT5G64210	alternative oxidase 2	3.0	0.3	0.7	-0.5	1.0	-0.5	-0.6	1.1
AT5G64490	pumilio homolog 26	2.7	0.4	0.5	0.0	0.1	0.3	-0.2	0.0
AT5G65100	Ethylene insensitive 3 family protein	2.7	0.5	-0.1	-0.8	0.4	-0.1	0.3	-0.1
AT5G65990	transmembrane amino acid transporter family protein	2.3	0.7	1.1	0.2	0.3	0.4	0.2	0.3
AT5G66700	homeobox-leucine zipper protein ATHB-53	2.3	1.7	0.5	-0.8	1.8	1.9	3.1	0.9

Averaged values of fold change in three microarray replicates were shown.