

ANHANG

Table Ia. Differentially regulated genes in the arr2 loss-of-function mutant compared to wildtype

AGI No.	Putative Function	Fold Change ^a
Abscisic acid-related		
AT4G24960	abscisic acid-induced - like protein	-2.1
AT4G01600	ABA-repsponsive protein	2.4
AT5G15960	cold and ABA inducible protein kin1	-2.2
Auxin-related		
AT1G51760	IAA-Ala hydrolase (IAR3)	-3.2
AT1G78370	2,4-D inducible glutathione S-transferase	-3.0
AT1G05670	indole-3-acetate beta-glucosyltransferase	-3.0
AT4G15490	indole-3-acetate beta-glucosyltransferase like protein	-2.1
AT5G13370	auxin reponsive - like protein	-3.9
Cytokinin-related		
AT4G29740	cytokinin oxidase - like protein	-2.9
Ethylene-related		
AT1G28370	ethylene-responsive element binding factor (EREBP)	-2.5
AT1G05010	ACC oxidase (ACO)	-2.8
AT2G44840	ethylene responsive element binding protein (EREBP)	-3.4
AT2G31230	ethylene responsive element binding protein (EREBP)	-2.7
AT3G24500	ethylene-responsive transcriptional coactivator	-2.2
AT3G23240	ethylene-responsive element binding factor 1 (ERF1)	-2.0
AT3G23150	ethylene receptor, (ETR2)	-2.2
AT4G11280	ACC synthase (AtACS-6)	-2.8
Jasmonate-related		
AT1G17420	lipoxygenase	-4.1
AT3G16470	lectin, similar to jasmonate inducible protein	-4.3
AT3G45140	lipoxygenase AtLOX2	-2.8
Defense-related		
AT1G33950	AIG1-like protein	2.5
AT1G33960	AIG1	5.1
AT1G72900	virus resistance protein	-5.8
AT1G72920	virus resistance protein	-4.7
AT1G33600	disease resistance protein	-3.3
AT1G57630	disease resistance protein RPP1-WsB	-3.1
AT1G67980	S-adenosyl-L-methionine:trans-caffeoyl-Coenzyme A 3-O-methyltransferase	5.1
AT1G72940	disease resistance protein	-3.5
AT1G80840	WRKY transcription factor	-5.1
AT1G61560	Mlo protein	-2.3
AT1G75380	wound-responsive protein	2.2
AT1G73260	trypsin inhibitor	6.8
AT1G77810	Avr9 elicitor response protein	-2.0
AT2G32140	disease resistance protein	-2.9
AT2G34930	disease resistance protein	-3.6
AT2G46400	WRKY transcription factor	-5.8
AT2G29470	glutathione S-transferase	3.0
AT2G14610	pathogenesis-related PR-1-like protein	19.8
AT2G26010	antifungal protein	2.8
AT2G43620	endochitinase	-3.3
AT2G38470	WRKY transcription factor	-3.6
AT2G26020	antifungal protein	2.3
AT2G28080	glucosyltransferase	-4.6
AT2G29450	glutathione S-transferase	-2.8
AT2G38870	protease inhibitor	-2.7
AT2G43550	trypsin inhibitor	-3.1
AT2G43570	endochitinase isolog	4.1
AT3G57240	beta-1,3-glucanase	3.4
AT3G57260	beta-1,3-glucanase 2 (PR-2)	4.7
AT3G04670	elicitor response element binding protein WRKY3 isolog	-2.5
AT3G04210	disease resistance protein	-2.6
AT3G16530	lectin	-4.7
AT3G28890	disease resistance protein	-3.9
AT3G44400	disease resistance - like protein	-2.2
AT3G54420	class IV chitinase (CHIV)	-2.2
AT3G04720	hevein-like protein precursor (PR-4)	2.8
AT3G09270	glutathione transferase	4.6
AT3G12220	serine carboxypeptidase	4.3
AT3G16400	lectin	-3.1
AT4G39410	WRKY transcription factor	-2.0
AT4G11320	cysteine proteinase	-2.7
AT4G12880	blue copper-binding protein	-2.7
AT5G41750	disease resistance protein-like	-2.4
AT5G44430	antifungal protein-like	4.4
AT5G13080	WRKY transcription factor	3.8
AT5G27380	glutathione synthetase gsh2	-2.8
AT5G64120	peroxidase	-2.9

AT1G52400	beta-glucosidase	-3
AT1G60270	beta-glucosidase	-3.5
AT5G44420	antifungal protein-like (PDF1.2)	3.5
AT1G10370	glutathione S-transferase	-3.8
AT5G26030	ferrochelataase-I	-3.5
AT5G39150	germin - like protein	2.6
AT1G75040	thaumatin-like protein	5.7
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Phenylpropane biosynthesis-related		
AT1G18590	flavonol 4 -sulfotransferase	-2.7
AT1G65860	flavin-containing monooxygenase FMO3	-3.4
AT1G74100	flavonol sulfotransferase	-3.7
AT1G74710	isochorismate synthase (icsl)	-2.7
AT1G80820	cinnamoyl CoA reductase	-3.5
AT2G37040	phenylalanine ammonia lyase (PAL1)	-3.6
AT2G38240	anthocyanidin synthase	-6.5
AT3G21230	4-coumarate:CoA ligase 2	-2.8
AT3G53260	phenylalanine ammonia-lyase	-5.5
AT4G20860	berberine bridge enzyme - like protein	-2.1
AT5G05600	leucoanthocyanidin dioxygenase-like protein	-2.6
AT5G24530	flavanone 3-hydroxylase protein	4.2
AT4G31970	flavonoid 3 ,5 -hydroxylase	2.5
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Abiotic stress-related		
AT1G36390	heat shock protein	-2.4
AT1G27730	salt-tolerance zinc finger protein	-3.3
AT2G42540	cold-regulated protein cor15a precursor	-3
AT3G12580	heat shock protein 70	-5.8
AT3G47440	aquaporin-like protein	-2.5
AT3G25760	ERD12 protein (ERD12)	-8.5
AT3G46230	heat shock protein 17	-2.3
AT3G14200	heat shock protein EMB1-like protein	-3.1
AT4G30650	low temperature and salt responsive protein homolog	-3.3
AT4G11650	osmotin precursor	7.4
AT4G37220	cold acclimation protein homolog	2.7
AT4G21100	UV-damaged DNA-binding protein- like	-2.1
AT4G39030	DNA damage-inducible protein - Synechocystis sp.,PIR2:S77364	-6.6
AT4G26010	peroxidase	2.2
AT5G52640	heat-shock protein	-2.3
AT5G56000	heat shock protein	-2.5
AT5G56010	heat shock protein 90	-2.8
AT5G52310	low-temperature-induced protein 78	-2.6
AT5G56030	heat shock protein 81-2	-2.6
AT5G18780	heat shock transcription factor-like protein	3.1
AT1G30700	reticuline oxidase-like protein	6.2
AT1G31710	copper amine oxidase	-2.7
AT1G26390	reticuline oxidase-like protein	3.2
AT1G06640	oxidoreductase	-2.5
AT1G76680	12-oxophytodienoate reductase (OPR1)	-5.4
AT2G43350	glutathione peroxidase	2.5
AT4G10500	Fe(II) ascorbate oxidase	2.8
AT4G14630	germin precursor oxalate oxidase	4.9
AT4G15920	cytochrome c oxidoreductase like protein	-2.5
AT4G20830	reticuline oxidase -like protein	-4.9
AT4G03050	oxidoreductase	-2.9
AT5G64120	peroxidase	-2.9
AT1G16400	cytochrome P450	-2.8
AT1G16410	cytochrome P450	-3.2
AT2G22330	cytochrome P450	-4.7
AT2G25160	cytochrome P450	-2.6
AT3G26180	cytochrome P450	2.6
AT3G48520	cytochrome P450-like protein	-2.9
AT3G50930	BCS1 protein-like protein cytochrome c	-4.3
AT4G10040	cytochrome c	-2.8
AT4G37410	cytochrome P450 monooxygenase-like protein	-2.9
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Transcriptional regulators		
AT1G74430	MYB family transcription factor	-2.5
AT1G01260	transcription factor MYC7E	-2.3
AT1G08930	zinc finger protein ATZF1	-2.3
AT1G53010	zinc finger protein	-2.8
AT1G68130	C2H2-type zinc finger protein	-2.6
AT1G43160	AH2 domain containing protein	-9.4
AT1G01060	DNA-binding protein	-2.6
AT2G45660	MADS-box protein (AGL20)	2.4
AT2G28710	C2H2-type zinc finger protein	3.4
AT2G28200	zinc-finger protein	2.6
AT2G28530	RING zinc finger transcription negative regulator protein	-2.5
AT2G18050	histone H1	3.3
AT2G44740	PREG1-like negative regulator	2.5
AT3G19130	nuclear acid binding protein	-2.2
AT3G23250	myb-related transcription factor	-4.2
AT3G21870	PREG-like protein	2.6

AT3G55980	protein; zinc finger transcription factor (PE1)	-3
AT3G46080	zinc finger -like protein; zinc finger protein Zat7	2.0
AT3G58070	zinc finger-like protein	2.0
AT3G13610	DNA-binding protein	2.8
AT4G04840	transcriptional regulator	-3.6
AT4G34590	bZIP transcription factor ATB2	-2.8
AT4G18170	DNA binding-like WRKY protein	-2.9
AT5G10760	nucleoid DNA-binding protein cnd41-like protein	6.2
AT5G46760	bHLH protein-like	-2.5
AT5G46750	zinc finger protein Glo3-like	-2
AT5G59730	leucine zipper-containing protein	-2.5
AT5G47640	CCAAT-box-binding transcription factor	2.1
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Kinases / phosphatases		
AT1G56120	wall-associated kinase 2	2.7
AT1G65790	receptor kinase	2.8
AT1G73080	receptor protein kinase,	-2.6
AT1G74360	receptor protein kinase	-2.3
AT1G09970	receptor-like protein kinase	-3.8
AT1G51800	receptor protein kinase	-2.3
AT1G11050	Ser Thr protein kinase isolog	-2.4
AT1G48260	CIPK17	2.0
AT1G03740	cdc2-like protein kinase	-2.4
AT1G53430	receptor-like serine threonine kinase	-2.2
AT1G16120	wall-associated kinase	2.2
AT2G30360	protein kinase	-3.8
AT2G39660	protein kinase	-2.5
AT2G14750	adenosine phosphosulfate kinase	-2.2
AT3G08870	serine threonine protein kinase	2.0
AT3G17790	acid phosphatase type 5	2.5
AT3G28450	receptor kinase	-2.8
AT3G02020	aspartate kinase	-3.2
AT3G11410	protein phosphatase 2C (PP2C)	2.1
AT4G23570	phosphatase like protein	-2.1
AT4G21390	serine threonine kinase - like protein	-2.6
AT4G23210	serine threonine kinase - like protein	-4.0
AT4G28560	protein kinase Xa21	3.0
AT4G13000	protein kinase homolog	2.3
AT4G27800	protein phosphatase homolog (PPH1)	2.0
AT4G18250	receptor serine threonine kinase-like protein	-2.1
AT4G33430	somatic embryogenesis receptor-like kinase -like protein	-2.0
AT4G04570	receptor-like protein kinase	-2.4
AT4G23190	serine threonine kinase - like protein	-2.2
AT4G23140	serine threonine kinase - like protein	2.2
AT5G41180	receptor kinase-like protein	-2.5
AT5G51830	fructokinase 1	-2.6
AT5G20050	receptor-like protein kinase - like protein	-2.4
AT5G25930	receptor-like protein kinase - like	-2.1
AT5G02800	protein kinase - like	-2.3
AT5G01540	receptor like protein kinase	-2.9
AT5G43380	serine threonine protein phosphatase type 1-like protein	-2.7
AT5G03350	Protein kinase-like protein	6.6
AT1G01560	MAP kinase	-2.5
AT2G01450	MAP kinase	-2.7
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Signalling- related		
AT1G21920	phosphatidylinositol-4-phosphate 5-kinase	2.0
AT1G20090	RAC-like GTP-binding protein ARAC4	2.7
AT1G76650	calmodulin	-2.6
AT1G27770	envelope Ca ²⁺ -ATPase-like protein	-2.8
AT1G18210	calcium-binding protein	-2.3
AT2G41110	calmodulin (cam2)	-2.1
AT2G43290	calcium binding protein	-2.0
AT2G26530	AR781, similar to yeast pheromone receptor	-7.2
AT3G21700	SGP1 monomeric G-protein	-2.6
AT3G57330	Ca ²⁺ -transporting ATPase-like protein	-2.4
AT4G20780	calcium-binding protein - like	-2.3
AT4G37640	plasma membrane-type calcium ATPase (ACA2)	-3.0
AT4G39990	GTP-binding protein GB3	-2.3
AT5G49480	NaCl-inducible Ca ²⁺ -binding protein-like; calmodulin-like	-2.4
AT5G42380	calmodulin-like protein	-3.6
AT5G54490	EF-hand Ca ²⁺ -binding CCD1-like protein	-3.8
AT5G64300	GTP cyclohydrolase II envelope Ca ²⁺ -ATPase	-2.0
AT1G27770	envelope Ca ²⁺ -ATPase	-2.8
AT4G37640	plasma membrane-type calcium ATPase	-3.0
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Various		
AT1G07240	UDP-glucose glucosyltransferase	-3.1
AT1G14790	RNA-directed RNA polymerase	2.5
AT1G16370	transport protein	-4.1
AT1G19550	GSH-dependent dehydroascorbate reductase 1	-2.7
AT1G19570	GSH- dependent dehydroascorbate reductase 1	-2.8
AT1G21110	O-methyltransferase	-3.7

AT1G22400	UDP-glucose glucosyltransferase	-3.6
AT1G30620	UDP-galactose 4-epimerase-like protein	-3.1
AT1G54030	myrosinase-associated protein	-3.2
AT1G61120	S-linalool synthase	-2.5
AT1G66760	MATE efflux family protein	-3.6
AT1G76790	catechol O-methyltransferase	-3.9
AT1G78850	glycoprotein(EP1)	-2.7
AT1G20510	hypothetical protein	-3.4
AT1G08630	L-allo-threonine aldolase-like protein	3.4
AT1G19670	coronatine-induced protein 1-like protein	-5.8
AT1G31550	lipase-like protein	-3.3
AT1G76260	WD-repeat containing protein	-2.7
AT1G29980	GPI-anchored protein	-2.6
AT2G02000	glutamate decarboxylase	-5.2
AT2G02010	glutamate decarboxylase	-3.4
AT2G06050	12-oxophytodienoate-10,11-reductase	-6.9
AT2G15480	glucosyltransferase;	-2.7
AT2G20340	tyrosine decarboxylase;	-2.7
AT2G24850	tyrosine aminotransferase	-3.3
AT2G29350	tropinone reductase	3.4
AT2G36880	s-adenosylmethionine synthetase	-4.1
AT2G37450	nodulin-like protein	2.3
AT2G39330	myrosinase-binding protein	-4.2
AT2G43100	3-isopropylmalate dehydratase, small subunit	-3.1
AT2G15220	WAS-2; secretory protein-like protein	3.0
AT3G01420	feebly-like protein	2.7
AT3G03780	methionine synthase	-3.8
AT3G12145	leucine-rich repeat protein FLR1	-3.3
AT3G17390	s-adenosylmethionine synthetase	-5.1
AT3G19710	branched-chain amino acid aminotransferase	-4.1
AT3G22890	ATP sulfurylase,	-3.1
AT3G29360	UDP-glucose dehydrogenase	-2.7
AT3G44860	AtPP -like protein	-4.9
AT3G49620	SRG1 protein	-4.7
AT3G50970	dehydrin Xero2	-5.8
AT3G51160	GDP-D-mannose-4,6-dehydratase (MUR1)	-2.6
AT3G51450	mucin -like protein	-3.2
AT3G58990	3-isopropylmalate dehydratase-like protein (small subunit)	-3.0
AT3G60140	beta-glucosidase-like protein	7.5
AT3G58840	P115 homolog-like protein	2.6
AT3G59660	phospholipid-binding domain C2-containing protein	-2.5
AT3G01830	calmodulin-like protein	-2.8
AT4G00700	phosphoribosylanthranilate transferase	2.9
AT4G02050	hexose transporter	2.7
AT4G08690	phosphoglyceride transfer protein	-2.5
AT4G08870	arginase	-2.8
AT4G12720	growth factor like protein	-4.5
AT4G13930	hydroxymethyltransferase	-2.6
AT4G18440	adenylosuccinate lyase - like protein	-3.5
AT4G23600	tyrosine transaminase like protein	-6.6
AT4G24380	dihydrofolate reductase - Schizosaccharomyces pombe	-4.3
AT4G27280	centrin	-3.6
AT4G27560	UDP rhamnose-anthocyanidin-3-glucoside rhamnosyltransferase - like protein	-6.8
AT4G32940	gamma-VPE (vacuolar processing enzyme)	2.6
AT4G34710	arginine decarboxylase SPE2	-3.2
AT4G39980	2-dehydro-3-deoxyphosphoheptonate aldolase	-2.6
AT5G03630	monodehydroascorbate reductase (NADH) - like protein	-4.4
AT5G06860	polygalacturonase inhibiting protein 1	-3.5
AT5G06870	polygalacturonase inhibiting protein	-4.5
AT5G07010	steroid sulfotransferase-like protein	-4.9
AT5G07460	peptide methionine sulfoxide reductase-like protein	-9.5
AT5G11670	NADP dependent malic enzyme - like protein	-2.6
AT5G12940	DRT100 protein precursor	-3.4
AT5G13490	adenosine nucleotide translocator	-3.3
AT5G14200	3-isopropylmalate dehydrogenase	-5.6
AT5G19100	dermal glycoprotein precursor -like protein	-3.6
AT5G19110	dermal glycoprotein-like protein	-3.1
AT5G24420	6-phosphogluconolactonase-like protein	-4.6
AT5G24770	vegetative storage protein Vsp2	-4.5
AT5G40010	protein	5.7
AT5G40760	glucose-6-phosphate dehydrogenase	-3.6
AT5G42650	allene oxide synthase	-7.1
AT5G54610	ankyrin-repeat-containing protein-like	2.7
AT5G54710	ankyrin-like protein	-3.9
AT5G55170	ubiquitin-like protein	3.4
AT5G59450	scarecrow-like 11 - like protein	-3.4
AT5G62360	DC1.2 homologue - like protein	-3.9
AT5G63230	beta-1,3-glucanase-like protein	7.7
AT5G03490	UDPG glucosyltransferase-like protein	-2.7
AT5G64590	Mub3-like protein	2.5
AT2G37620	actin 3	-2.9
AT2G38750	annexin	-2.9

AT3G04070	NAM-like protein (no apical meristem)	3.4
AT5G52050	integral membrane protein-like	-2.6
AT4G30430	senescence-associated protein homolog	-2.0
AT1G21120	ATPase	-2.7
AT1G64200	H ⁺ -transporting ATPase protein	-3.7
AT1G74670	GAST1-like protein	2.9
AT5G22300	nitrilase 4 (sp P46011)	2.6
Unknown / hypothetical proteins		
AT1G03220	unknown protein	-3.1
AT1G14880	unknown protein	2.5
AT1G17380	unknown protein	-8.9
AT1G19180	unknown protein	-3.8
AT1G53480	unknown protein	4.4
AT1G57990	unknown protein	-2.5
AT1G74950	unknown protein	-2.7
AT1G76480	unknown protein	-2.1
AT1G76590	unknown protein	3.0
AT1G03850	hypothetical protein	3.6
AT1G05370	hypothetical protein	3.2
AT1G15160	hypothetical protein	-2.5
AT1G19960	hypothetical protein	3.6
AT1G21520	hypothetical protein	2.5
AT1G44760	hypothetical protein	2.5
AT1G55450	hypothetical protein	-3.6
AT1G60570	hypothetical protein	2.9
AT1G65690	hypothetical protein	2.9
AT1G70700	hypothetical protein	-2.9
AT1G80650	hypothetical protein	2.8
AT1G13520	hypothetical protein	3.2
AT1G27030	unknown protein	-3.3
AT1G07130	expressed protein	-3.7
AT2G14560	unknown protein	3.4
AT2G27080	unknown protein	-2.9
AT2G29670	unknown protein	2.7
AT2G32690	unknown protein	-2.6
AT2G36410	unknown protein	2.9
AT2G16840	hypothetical protein	2.9
AT2G22880	hypothetical protein	-4.9
AT2G30990	hypothetical protein	-2.6
AT2G34070	hypothetical protein	-2.5
AT2G41250	hypothetical protein	2.7
AT3G09350	hypothetical protein	-3.8
AT3G18250	hypothetical protein	4.3
AT3G28510	hypothetical protein	5.2
AT3G48650	hypothetical protein	-3.2
AT3G01290	unknown protein	-2.8
AT3G56470	unknown protein	2.8
AT3G02800	unknown protein	-3.6
AT3G02840	unknown protein	-3.0
AT3G09960	unknown protein	2.9
AT3G12970	unknown protein	4.1
AT3G18530	unknown protein	-4.8
AT3G23550	unknown protein	-3.2
AT3G25780	unknown protein	-10.7
AT3G43480	unknown protein	3.4
AT4G04330	hypothetical protein	3.6
AT4G10290	hypothetical protein	3.3
AT4G15610	hypothetical protein	4.9
AT4G17720	hypothetical protein	-2.8
AT4G10860	unknown protein	7.3
AT4G25030	unknown protein	-2.5
AT4G33050	unknown protein	-2.8
AT4G36500	unknown protein	-2.6
AT4G39670	unknown protein	-5.2
AT5G46720	unknown protein	2.6
AT5G46960	unknown protein	2.6
AT5G09830	unknown protein	-2.5
AT5G42570	unknown protein	-3.1
AT5G55120	unknown protein	-3.6
AT5G03210	unknown protein	-4.2
AT5G13220	unknown protein	-4.5
AT5G20700	unknown protein	-3.5
AT5G23820	unknown protein	-3.2
AT5G26690	unknown protein	4.9
AT5G27020	unknown protein	3.1
AT5G27760	unknown protei	-3.0
AT5G35080	unknown protein	2.6
AT5G39520	expressed protein	6.6
AT5G42030	unknown protein	2.6
AT5G50780	unknown protein	-2.5
AT1G57610	hypothetical protein	-3.6

AT3G60420	unknown protein	-2.6
AT4G22530	unknown protein	-3.1
AT4G24160	unknown protein	-2.8
AT4G24340	unknown protein	-4.4
AT4G24350	unknown protein	-6.3
AT4G24360	unknown protein	-5.0

^aAverage channel intensity ratio of *arr2* null mutant sample over wild-type sample.

Table IIa. Differentially regulated genes in ARR2^{D80E} compared to ARR2 overexpressors

AGI No.	Putative Function	Fold Change ^a
Abiscisic-acid-related		
AT4G26080	protein phosphatase ABI1	2.2
AT5G13200	ABA-responsive protein	2.2
AT5G57050	protein phosphatase ABI2	2.3
AT5G59220	ABA induced protein phosphatase (PP2C)	6.4
Abiotic stress-related		
AT1G08830	superoxidase dismutase	2.4
AT1G10910	membrane-associated salt-inducible protein	-2.2
AT1G11610	cytochrome P450	2.2
AT1G12090	pEARLI 1-like protein	-2.3
AT1G17020	SRG1-like protein	2.9
AT1G18650	beta-1,3-glucanase	-2.2
AT1G33720	cytochrome P450	4.4
AT1G33730	cytochrome P450	2.2
AT1G64900	cytochrome p450	-2.4
AT1G67360	stress related protein	3.3
AT1G67970	heat shock transcription factor (HSF)	2.7
AT2G17820	histidine kinase (AtHK1)	2.2
AT2G23680	cold acclimation protein	2.1
AT2G24180	cytochrome P450	2.2
AT2G30750	cytochrome P450	2.8
AT2G38380	peroxidase	5.4
AT2G42530	cold-regulated protein cor15b	-3.1
AT2G42540	cold-regulated protein cor15a	-2.8
AT2G43350	glutathione peroxidase	2.3
AT2G45570	cytochrome P450	5.7
AT2G46140	desiccation related protein	3.1
AT3G04720	hevein protein (PR-4)	2.4
AT3G11630	2-cys peroxiredoxin BAS1	-2.1
AT3G12580	heat shock protein 70 (HSP70)	3.7
AT3G20820	NA-damage-repair toleration protein DRT100	-2.1
AT3G20940	cytochrome P450	-2.5
AT2G34500	cytochrome P450	2.8
AT3G53800	Hsp70 binding protein HspBP1	-2.7
AT3G26210	cytochrome P450	2.1
AT3G26220	cytochrome P450	2.5
AT3G26320	cytochrome P450	4.2
AT3G26830	cytochrome P450	2.5
AT3G19270	cytochrome P450	5.1
AT3G49110	peroxidase	2.9
AT3G49120	peroxidase	3.1
AT3G54820	aquaporin 2	2.6
AT4G08770	peroxidase	3.3
AT4G09010	ascorbate peroxidase	-2.4
AT4G09350	heat shock protein (HSP)	-3.0
AT4G15910	drought-induced protein	2.1
AT4G16660	heat shock protein (HSP)	2.9
AT4G18880	heat shock transcription factor (HSF)	3.2
AT4G19230	cytochrome P450	2.7
AT4G24190	heat shock protein 90 (HSP90)	2.8
AT4G25100	superoxide dismutase	-2.7
AT4G15360	cytochrome P450	-2.0
AT4G30650	low temperature and salt responsive protein	-2.0
AT4G35970	ascorbate peroxidase	-2.0
AT4G36680	salt-inducible protein	2.3
AT4G36990	heat shock transcription factor 4 (HSF4)	6.2
AT4G37370	cytochrome P450	3.1
AT4G37430	cytochrome P450	4.1
AT4G39950	cytochrome P450	4.1
AT5G59610	heat shock protein 40 (HSP40. DnaJ-like)	-3.1
AT5G05410	DREB2A	3.8
AT5G09590	heat shock protein 70 (Hsc70-5)	2.4
AT5G48000	cytochrome P450	2.1
AT5G49480	NaCl-inducible Ca ²⁺ -binding protein	2.4
AT5G51890	peroxidase	-2.8

AT5G52300	low-temperature-induced 65 kD protein	2.3
AT5G56010	heat shock protein 90 (HSP90)	2.1
AT5G60950	phytochelatin synthetase	3.5
Auxin-related		
AT1G04250	auxin-induced protein	2.7
AT1G19840	auxin-induced protein	3.6
AT1G23080	auxin transport protein	-2.6
AT1G29440	auxin-induced protein	-3.0
AT1G75580	auxin induced protein	3.9
AT1G77850	auxin response factor	2.3
AT1G80390	auxin-responsive protein IAA2	-3.6
AT2G21210	auxin-regulated protein	-2.6
AT4G27260	GH3 - like protein	2.8
AT4G34750	auxin-regulated gene	3.3
AT4G34810	Small auxin up RNA (SAUR-AC1)	5.7
AT4G37390	auxin-responsive GH3 - like protein	5.0
AT4G38840	auxin-induced protein	-2.9
AT4G38860	auxin-induced protein	-2.4
AT5G13320	auxin-responsive protein	6.2
AT5G18010	auxin-induced protein	-3.2
AT5G18030	auxin-induced protein	-2.2
AT5G18050	auxin-induced protein	-4.5
AT5G18060	auxin-induced protein	-2.7
AT5G18080	auxin-induced protein	-3.2
Cell Wall-related		
AT1G02640	beta-xylosidase	-3.0
AT1G20190	expansin	-2.7
AT1G62500	proline-rich cell wall protein	2.7
AT2G06850	endoxylglucan glycosyltransferase	-2.1
AT2G26440	pectinesterase-	3.5
AT2G39700	expansin	3.4
AT2G45220	pectinesterase	4.9
AT2G46630	extensin	-2.0
AT3G14310	pectin methylesterase	-2.0
AT3G43270	pectinesterase	2.6
AT3G53190	pectate lyase	-2.0
AT3G62820	pectinesterase	-6.6
AT4G22500	glycine-rich cell wall protein	-9.6
AT4G24000	cellulose synthase catalytic subunit	3.5
AT4G37800	endo-xyloglucan transferase	-2.1
AT5G09760	pectin methylesterase	-2.0
AT5G16910	cellulose synthase catalytic subunit	2.2
AT5G55370	wax synthase	2.1
AT5G61660	glycine-rich cell wall structural protein 1-like	-2.9
Cytokinin-related		
AT1G19050	two-component response regulator (ARR7)	2.0
AT1G74890	two-component response regulator (ARR15)	3.8
AT2G07440	two-component response regulator (ARR24)	2.6
AT2G40670	two-component response regulator (ARR16)	10.7
AT2G41310	two-component response regulator (ARR8)	2.4
AT3G48100	two-component response regulator (ARR5)	9.2
AT3G56380	two-component response regulator (ARR4)	6.0
AT5G56970	cytokinin oxidase	14.1
Cytoskeleton-related		
AT1G20010	beta tubulin 1	-3.1
AT1G52410	myosin	2.7
AT2G16700	actin depolymerizing factor 5	3.0
AT5G12250	beta tubulin 6	-2.0
AT5G40450	microtubule-associated protein	-2.0
Defence-related		
AT1G02850	beta-glucosidase	2.3
AT1G05760	disease resistance protein RTM1	-2.2
AT1G05850	class I chitinase	-3.3
AT1G10360	glutathione S-transferase	-2.0
AT1G10370	glutathione S-transferase	-2.1
AT1G17190	glutathione S-transferase	5.4
AT1G27130	glutathione S-transferase	-2.2
AT1G33560	disease resistance protein	3.5
AT1G33950	AIG1-like protein	4.2
AT1G33960	AIG1	23.9
AT1G34760	disease resistance protein 14-3-3	-2.1
AT1G53290	Avr9 elicitor response protein-like	-2.2
AT1G57630	disease resistance protein	6.3
AT1G58190	disease resistance protein	2.2
AT1G61820	beta-glucosidase	2.9
AT1G65390	disease resistance protein RPS4	-4.5
AT1G69930	glutathione S-transferase	3.2
AT1G72230	blue copper protein	-2.2
AT1G72890	disease resistance protein	2.6
AT1G72920	virus resistance protein	2.0

AT1G72930	flax rust resistance protein	3.3
AT1G73260	trypsin inhibitor	13.2
AT1G74590	glutathione S-transferase	4.5
AT1G75280	NADPH oxidoreductase	-2.3
AT2G02930	glutathione S-transferase	2.1
AT2G02990	ribonuclease RNS1	4.8
AT2G14610	pathogenesis-related PR-1-like protein	6.9
AT2G24160	disease resistance protein	2.1
AT2G26010	antifungal protein	-2.6
AT2G26600	beta-1.3-glucanase	2.6
AT2G27870)	reverse transcriptase	-2.3
AT2G29460	glutathione S-transferase	4.1
AT2G29470	glutathione S-transferase	3.0
AT2G32140	disease resistance protein	2.1
AT2G32680	disease resistance protein	4.1
AT2G32860	beta-glucosidase	-3.9
AT2G33050	leucine-rich repeat disease resistance protein	-2.2
AT2G40000	nematode-resistance protein	2.0
AT2G43510	trypsin inhibitor	5.4
AT2G43570	endochitinase	13.4
AT3G07010	pectate lyase 2	-2.8
AT3G09270	glutathione transferase	3.4
AT3G11010	disease resistance protein	2.9
AT3G17070	peroxidase	-4.5
AT3G23120	disease resistance protein	5.4
AT3G25020	disease resistance protein	2.6
AT3G48720	hypersensitivity-related hsr201 protein	-2.9
AT3G55470	elicitor responsive protein (FIERG2)	2.6
AT3G55840	nematode resistance protein	2.6
AT3G57240	beta-1.3-glucanase	3.5
AT3G57260	beta-1.3-glucanase 2	6.8
AT3G60140	beta-glucosidase	36.8
AT4G01700	chitinase	2.9
AT4G13920	disease resistance Cf-2 like protein	2.2
AT4G19530	TMV resistance protein N - like	-2.4
AT4G38700	disease resistance response protein	3.1
AT5G14930	disease resistance protein EDS1	3.0
AT5G20230	blue copper binding protein	2.4
AT5G27060	resistance protein - like;Hcr2-0B	3.6
AT5G44420	antifungal protein (PDF1.2)	-2.6
AT5G44430	antifungal protein	-3.1
AT5G45110	regulatory protein NPR1-like	2.1
AT5G62740	hypersensitive-induced response protein HIR3	3.2
AT5G64110	peroxidase ATP3a-like	2.7
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Degradation-related		
AT1G04110	subtilisin-like serine protease	-2.3
AT1G10750	carboxyl-terminal peptidase	-2.4
AT1G20140	SKP1 ASK1 (At4)	3.1
AT1G20850	papain-type cysteine endopeptidase (XCP2-like)	-3.1
AT1G23410	ubiquitin extension protein	2.9
AT1G52600	signal peptidase subunit	2.2
AT1G53930	polyubiquitin	-2.5
AT1G68050	F-box protein FKF1	2.3
AT1G75460	protease	-2.2
AT1G77000	F-box protein AtFBL5	3.3
AT1G79720	aspartyl protease	-2.1
AT2G04160	subtilisin-like serine protease (AIR3-like)	3.4
AT2G20160	SKP1 ASK1 (At17)	6.7
AT2G22980	serine carboxypeptidase I-like	-2.0
AT2G39850	subtilisin-like serine protease	-3.1
AT2G44180	methionine aminopeptidase	2.3
AT2G47470	disulfide-isomerase	2.2
AT2G47940	DegP2 protease	-2.3
AT3G12220	serine carboxypeptidase	6.0
AT3G12490	cysteine proteinase inhibitor	2.0
AT3G15710	signal peptidase (21kDa subunit)	2.4
AT3G17000	E2 ubiquitin-conjugating enzyme	2.1
AT3G19390	cysteine proteinase RD21A-like	2.6
AT3G53270	endopeptidase Clp ATP-binding chain C	3.8
AT3G54650	F-box protein AtFBL17	-2.3
AT3G62250	ubiquitin extension protein (UBQ5)	2.1
AT4G01610	cathepsin B-like cysteine protease	2.9
AT4G01620	cathepsin B-like cysteine protease	3.5
AT4G11320	cysteine proteinase RD21A-like	2.2
AT4G21650	subtilisin proteinase	-2.0
AT4G35350	cysteine protease (XCP1-like)	-2.0
AT4G38930	ubiquitin fusion-degradation protein	2.5
AT5G24810	ubiquitin biosynthesis EIN AARF	2.7
AT5G27920	F-box protein	2.3
AT5G42300	ubiquitin	2.0
AT5G43060	cysteine proteinase	5.3

AT5G55170	ubiquitin	2.7
AT5G57480	AAA-type ATPase	4.7
AT5G57900	SKP1 interacting partner 1 (SKIP1)	2.0
Development-related		
AT1G01010	NAC domain protein	17.1
AT1G02220	NAM (no apical meristem) protein	9.7
AT1G02250	NAM protein	11.4
AT1G34180	NAM protein	3.9
AT1G34180	NAM protein	3.9
AT1G52690	late embryogenesis-abundant protein	8.9
AT1G52890	NAM protein	7.2
AT1G61340	late embryogenesis abundant protein	3.1
AT1G77450	GRAB1-like protein	2.1
AT2G22850	embryo-abundant protein	-2.6
AT2G41260	late embryogenesis abundant protein	4.8
AT2G44060	late embryogenesis abundant protein	2.0
AT3G04070	NAM protein	4.8
AT3G29035	NAM protein	2.5
AT3G61210	embryonic abundant protein (EMB34-like)	-2.0
AT4G00180	YABBY3 axial regulator	-2.1
AT5G06760	late embryogenesis abundant protein	4.7
AT5G07190	embryo-specific protein 3 (ATS3)	-2.1
AT5G18270	NAM (no apical meristem) protein	2.7
AT5G20240	PISTILLATA-like	3.9
AT5G22290	NAM protein	2.1
AT5G39610	NAM protein	2.6
Ethylene-related		
AT3G12500	basic chitinase	2.7
AT3G16050	ethylene-inducible protein	2.5
AT3G23150	ethylene receptor (ETR2)	2.4
AT3G23240	ethylene response factor 1 (ERF1)	3.9
AT3G50260	EREBP-3-like	2.9
AT4G23340	ACC oxidase	-2.6
AT4G26200	ACC synthase	2.4
AT5G20400	ethylene-forming-enzyme-like dioxygenase	2.9
AT5G43410	EREBP-3 like	-3.1
Folding-related		
AT1G04980	disulfide isomerase	2.6
AT1G06330	copper chaperone	-13.9
AT1G14980	chaperonin (CPN10)	2.2
AT1G21750	protein disulfide isomerase	3.8
AT1G23100	chaperonin	2.8
AT1G24510	chaperonin	2.2
AT2G47470	disulfide-isomerase	2.2
AT3G18190	chaperonin	2.0
AT3G23990	mitochondrial chaperonin (hsp60)	3.0
AT3G56070	peptidylprolyl isomerase	3.0
AT3G62030	peptidylprolyl isomerase	-2.1
AT3G62600	HIRA interacting protein 4 (dnaJ)-like	2.9
AT4G37910	dnaK-type molecular chaperone PHSP1	2.5
AT5G13410	peptidyl-prolyl cis-trans isomerase	-2.6
AT5G45680	FKBP-type peptidyl-prolyl cis-trans isomerase	-2.7
AT5G55220	trigger factor	-2.4
Gibberellin-related		
AT1G22690	GAST1-like protein	-4.5
AT1G74670	GAST1-like protein	-2.4
Jasmonate-related		
AT1G55020	lipoxygenase	8.8
AT3G16400	jasmonate inducible protein	6.0
AT3G16420	jasmonate inducible protein (lectin)	5.5
AT3G16430	jasmonate inducible protein	5.1
AT3G16450	jasmonate inducible protein (lectin)	31.0
AT3G16460	jasmonate inducible protein (lectin)	11.4
AT3G16470	jasmonate inducible protein (lectin)	2.2
AT5G48180	jasmonate inducible protein	3.0
Light-related		
AT1G02090	FUS5 protein-like	2.4
AT1G03130	photosystem I reaction center subunit II	-2.0
AT1G06680	OEC protein (23 kDa)	-2.1
AT1G14280	phytochrome kinase substrate 1	-3.4
AT1G19150	chlorophyll a b-binding protein (LHCP)	-4.0
AT1G51890	light repressible receptor protein kinase	2.6
AT2G40100	chlorophyll a b-binding protein (LHCP)	-3.0
AT3G15570	non-phototropic hypocotyl protein	-2.1
AT3G27690	chlorophyll a b-binding protein (LHCP)	-2.6
AT3G55330	OEC2	-2.1
AT3G61140	FUS6	2.3
AT4G14110	COP9	3.0
AT4G21280	OEC3-like	-2.3

AT4G27440	protochlorophyllide reductase	-2.4
AT5G11260	HY5	2.3
AT5G38420	RuBisCO small subunit 2b-like	-2.0
AT5G54190	protochlorophyllide oxidoreductase	-2.9
AT5G58140	non phototropic hypocotyl 1-like	-2.4
Phenylpropane biosynthesis-related		
AT1G09500	cinnamyl alcohol dehydrogenase	4.0
AT1G26390	reticuline oxidase	2.2
AT1G26420	reticuline oxidase	2.9
AT1G30700	reticuline oxidase	13.6
AT1G30720	reticuline oxidase	3.4
AT1G30730	reticuline oxidase	7.5
AT1G53520	chalcone isomerase	-5.2
AT1G56650	anthocyanin2	-5.3
AT1G66800	cinnamyl alcohol dehydrogenase	4.7
AT1G72680	cinnamyl-alcohol dehydrogenase	2.8
AT1G74710	isochorismate synthase	2.2
AT1G76470	cinnamoyl-CoA reductase	3.3
AT2G34810	berberine bridge enzyme	2.5
AT2G39980	anthocyanin 5-aromatic acyltransferase	5.1
AT3G29670	anthocyanin 5-aromatic acyltransferase	2.0
AT4G12300	flavonoid 3,5-hydroxylase	2.3
AT4G20800	berberine bridge enzyme	-3.8
AT4G20860	berberine bridge enzyme	2.0
AT5G13930	chalcone synthase	-2.2
AT5G24530	flavanone 3-hydroxylase	4.5
AT5G49690	anthocyanidin-3-glucoside rhamnosyltransferase	2.6
AT5G61160	anthocyanin 5-aromatic acyltransferase	-2.3
Pollen-related		
AT1G18910	flavonol-induced pollen germination protein	2.2
AT1G24020	pollen allergen protein	3.8
AT3G02480	pollen coat protein	7.4
AT3G49260	SF16 -like protein	-2.8
Protein kinases		
AT1G01560	MAP kinase 5-like	3.5
AT1G05100	NPK1-related MAP kinase	4.6
AT1G20650	protein kinase	-2.3
AT1G35710	protein kinase	3.1
AT1G51860	receptor protein kinase	2.2
AT1G61440	receptor protein kinase	2.1
AT1G66880	protein kinase	2.1
AT2G17220	protein kinase	2.0
AT2G21480	protein kinase	2.8
AT2G30040	protein kinase	2.7
AT2G31880	receptor protein kinase	2.5
AT2G33580	protein kinase	2.1
AT2G34180	protein kinase (CIPK13)	2.9
AT2G40870	protein kinase	-7.6
AT2G41820	receptor protein kinase	-2.5
AT2G47060	protein kinase	-2.2
AT3G29160	Snf1-related protein kinase KIN11 (AKIN11)	2.8
AT3G45860	receptor protein kinase (RLK3-like)	2.8
AT3G49670	CLAVATA1 receptor protein kinase-like	-3.2
AT4G04490	receptor protein kinase	2.8
AT4G08470	MAP kinase	3.0
AT4G11890	protein kinase	7.6
AT4G20270	CLV1 receptor protein kinase like	-2.6
AT4G23140	protein kinase	3.4
AT4G23150	protein kinase	3.3
AT4G23260	receptor protein kinase	3.3
AT4G27940	protein kinase (LePK7-like)	-2.3
AT4G35500	protein kinase	2.0
AT5G01820	protein kinase (CIPK14)	3.2
AT5G18470	S-receptor kinase (PK3-like)	3.7
AT5G42440	Protein kinase	2.8
AT5G47070	Protein kinase	2.1
AT5G55560	NRK-related kinase	2.1
AT5G58300	receptor protein kinase	-2.2
AT5G60900	S-receptor kinase	2.7
AT5G67080	Protein kinase	2.5
Protein phosphatases		
AT1G14700	purple acid phosphatase	-3.3
AT1G74560	phosphatase 2A inhibitor	2.6
AT2G04550	protein phosphatase	2.7
AT3G17790	acid phosphatase type 5	2.4
AT3G19980	protein phosphatase	2.0
AT3G44620	protein-tyrosine-phosphatase	-2.3
AT1G55480	tyrosine phosphatase	-2.1
AT3G62260	protein phosphatase	2.4
AT4G33920	protein phosphatase (Wip1-like)	2.1

AT5G01700	protein phosphatase 2C	2.1
AT5G02760	protein phosphatase 2C	-2.5
AT5G19680	protein phosphatase-1 (regulatory subunit 7)	2.3
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Replication- and transcription-related		
AT1G06180	MYB protein	2.4
AT1G07590	DNA-binding protein	2.5
AT1G14580	zinc finger protein	-3.6
AT1G21690	replication factor	2.2
AT1G25560	DNA-binding protein (RAV2-like)	2.6
AT1G29940	DNA-directed RNA polymerase subunit	2.3
AT1G33240	DNA-binding factor	-2.4
AT1G36060	AP2 domain transcription factor	6.9
AT1G43160	AP2 domain transcription factor	7.9
AT1G44130	nucellin	4.0
AT1G52950	replication protein	8.0
AT1G53670	transcriptional regulator	-2.1
AT1G56110	SAR DNA binding protein	2.5
AT1G59920	MADS-box protein	2.2
AT1G64380	AP2 domain transcription factor	-3.3
AT1G67590	DNA binding protein	-2.0
AT1G70000	DNA binding protein (MybSt1-like)	2.7
AT1G74930	AP2 domain transcription factor	-3.1
AT1G75390	bZIP transcription factor ATB2	5.5
AT2G05090	replication protein A1-like	18.8
AT2G05890	replication protein A1-like	2.8
AT2G09960	replication protein A1-like	5.0
AT2G10460	replication protein A1-like	3.6
AT2G21900	WRKY-type DNA binding protein	3.1
AT2G23760	homeodomain transcription factor	-2.3
AT2G36080	DNA-binding protein (RAV2-like)	5.3
AT2G40740	WRKY-type DNA binding protein	3.2
AT2G41070	bZIP transcription factor	3.3
AT2G44740	PREG1 negative regulator	-2.7
AT2G46270	G-box binding bZIP transcription factor	2.3
AT2G46400	WRKY-type DNA binding protein	5.4
AT2G46680	homeodomain transcription factor (ATHB-7)	4.2
AT3G01970	WRKY-type DNA binding protein	9.0
AT3G13270	replication protein A1-like	32.5
AT3G14020	transcription factor	-2.2
AT3G16770	AP2 domain transcription factor (RAP2.3)	2.0
AT3G22310	RNA helicase	2.0
AT3G30550	replication protein	3.2
AT3G45610	dof6 zinc finger protein	-3.0
AT3G52270	transcription initiation factor IIF, beta subunit	-2.3
AT3G56400	WRKY-type DNA binding protein 4 (WRKY4)	4.0
AT3G61260	DNA-binding protein	-2.1
AT4G01720	DNA-binding protein	2.2
AT4G04840	transcriptional regulator	-3.3
AT4G04890	homeotic protein	-2.1
AT4G07450	replication protein A1-like	4.7
AT4G10710	transcriptional regulator	2.5
AT4G14660	RNA polymerase II fifth largest subunit	2.8
AT4G34590	bZIP transcription factor (ATB2-like)	2.2
AT5G04760	I-box binding factor	2.4
AT5G06960	transcription factor HBP-1b	2.2
AT5G10760	nucleoid DNA-binding protein	10.3
AT5G13080	WRKY-type DNA binding protein	6.1
AT5G13330	AP2 domain transcription factor RAP2.6	39.0
AT5G15310	Myb-related transcription factor	3.1
AT5G18240	Transfactor-like protein	-2.7
AT5G23000	Myb-related transcription factor	-2.3
AT5G26170	WRKY-type DNA binding protein 1 (WRKY1)	3.3
AT5G27120	SAR DNA-binding protein-1 - like	2.9
AT5G33340	nucleoid DNA-binding protein CND41	7.5
AT5G37540	nucleoid DNA-binding protein	2.9
AT5G39810	MADS-box protein 2-like	2.5
AT5G44080	G-box binding factor	2.8
AT5G46350	WRKY-type DNA-binding protein	2.7
AT5G46640	AT-hook DNA-binding protein	2.4
AT5G49450	bZIP transcription factor	2.0
AT5G53400	nuclear movement protein nudC	2.7
AT5G56840	Myb-related transcription factor	-3.5
AT5G61420	transcription factor MYB28-like	-2.0
AT5G62940	Dof zinc finger protein - like	-2.3
AT5G67630	RuvB DNA helicase	2.2
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Signalling-related		
AT1G02200	receptor-like protein glossy1 (gl1)-like	3.4
AT1G02430	ADP-ribosylation factor-like	-5.3
AT1G08450	Calreticulin	2.2
AT1G09210	Calreticulin	2.8

AT1G21550	calcium-binding protein	3.1
AT1G22740	RAS-related protein (RAB7-like)	-2.0
AT1G35720	Ca ²⁺ -dependent membrane-binding protein (annexin)	2.8
AT1G43890	GTP-binding protein (RAB1Y-like)	2.1
AT1G60890	phosphatidylinositol-4-phosphate 5-kinase	2.4
AT2G15680	calmodulin	-2.7
AT2G21130	cyclophilin (CYP2)	2.7
AT2G31060	GTP-binding protein	2.5
AT2G33380	calcium-binding EF-hand protein	2.5
AT2G37250	adenylate kinase	2.3
AT2G41410	calmodulin	2.2
AT3G01830	calmodulin	3.0
AT3G22910	calmodulin-stimulated calcium-ATPase	4.5
AT3G47480	calcium-binding protein	2.5
AT3G50770	flagellar calmodulin	4.3
AT3G57550	guanylate kinase	2.6
AT4G25340	immunophilin (FKBP46-like)	3.4
AT5G20020	RAN2 small Ras-like GTP-binding nuclear protein	2.2
AT5G26920	calmodulin	4.4
AT5G35170	adenylate kinase	-2.3
AT5G39670	calcium-binding protein	2.0
AT5G42380	calmodulin	2.6
AT5G52820	Notchless protein	2.2
AT5G54250	cyclic nucleotide and calmodulin-regulated ion channel	-2.0
AT5G60860	GTP-binding protein	-2.1
AT5G63310	nucleotide diphosphate kinase Ia	-2.2
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Translation-related		
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AT1G25260	60S acidic ribosomal protein-like	2.1
AT1G29070	plastid ribosomal protein L34	-2.2
AT1G32990	ribosomal protein L11-like	-2.6
AT1G48350	ribosomal protein L18-like	-2.8
AT1G72730	eukaryotic initiation factor 4A-like	2.4
AT1G74970	ribosomal protein S9-like	-2.2
AT1G74980	ribosomal protein S9-like	-2.2
AT1G78630	ribosomal protein L13-like	-2.0
AT1G79850	30S ribosomal protein S17-like	-2.3
AT2G19740	60S ribosomal protein L31	2.1
AT2G20060	50S ribosomal protein L4	2.1
AT2G24060	chloroplast initiation factor 3-like	-2.1
AT2G24090	chloroplast ribosomal protein L35-like	-2.3
AT2G33450	chloroplast 50S ribosomal protein L28-like	-2.3
AT2G33800	30S ribosomal protein S5	-2.2
AT2G38140	30S ribosomal protein S31	-2.0
AT2G45030	mitochondrial translation elongation factor G-like	2.8
AT3G04230	40S ribosomal protein S16-like	2.1
AT3G06680	ribosomal protein L29-like	2.4
AT3G06700	ribosomal protein L29-like	2.1
AT3G10090	ribosomal protein S28-like	2.1
AT3G15190	30S ribosomal protein S20-like	-2.3
AT3G25920	50S ribosomal protein L15	-2.5
AT3G27830	50S ribosomal protein L12-A	-2.4
AT3G27850	50S ribosomal protein L12-C	-2.1
AT3G28500	acidic ribosomal protein (P2b-like)	5.0
AT3G44890	chloroplast ribosomal protein CL9	-2.8
AT3G57490	40S ribosomal protein S2-like	2.1
AT3G63490	chloroplast ribosomal L1-like	-2.0
AT4G01310	ribosomal protein L5-like	-2.2
AT4G02230	ribosomal protein L19-like	2.2
AT4G02930	mitochondrial elongation factor	2.3
AT4G12600	ribosomal protein L7Ae-like	2.2
AT4G22380	ribosomal protein L7Ae-like	2.9
AT5G13510	ribosomal protein L10-like	-2.0
AT5G14320	ribosomal protein-like	-2.4
AT5G20160	ribosomal protein L7Ae-like	2.8
AT5G30510	ribosomal protein S1	-2.2
AT5G39850	40S ribosomal protein S9-like	2.0
AT5G40130	60S ribosomal protein L5-like	2.1
AT5G47190	plastid ribosomal protein L19-like	-2.7
AT5G53070	ribosomal protein L9-like	-3.4
AT5G54600	50S ribosomal protein L24	-2.0
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Transport-related		
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AT1G07340	hexose transporter	12.9
AT1G07670	ER-type calcium-transporting ATPase 4	2.1
AT1G51460	ATP-dependent transmembrane transporter	2.1
AT1G52190	peptide transporter (PTR2-B-like)	-3.9
AT1G61800	glucose-6-phosphate phosphate-translocator	3.4
AT1G71330	ABC transporter	2.7
AT1G71890	sucrose transport protein	2.3
AT1G72130	peptide transporter	-2.2
AT1G72140	peptide transporter (PTR2-B-like)	8.3
AT2G13610	ABC transporter	-2.4

AT2G48020	sugar transporter	-3.4
AT3G01550	phosphate phosphoenolpyruvate translocator	-2.4
AT3G13080	ABC transporter	3.2
AT3G13620	transporter protein	2.9
AT3G45060	high-affinity nitrate transporter	2.5
AT3G45710	peptide transporter	2.3
AT4G03950	glucose-6-phosphate phosphate-translocator	2.1
AT4G10770	peptide transporter	-2.1
AT4G15230	ABC transporter	3.8
AT4G21120	amino acid transport protein (AAT1-like)	3.9
AT4G21480	glucose transport protein STP1	-2.3
AT4G21680	peptide transporter	7.7
AT5G01180	oligopeptide transporter	3.4
AT5G18840	sugar transporter	2.2
AT5G26340	hexose transporter	3.2
AT5G46050	peptide transporter	2.8
AT5G59250	D-xylose-H ⁺ symporter	-2.2
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Various		
AT1G32060	Phosphoribulokinase	-3.0
AT1G32440	Plastid pyruvate kinase	-2.1
AT1G80460	glycerol kinase	2.1
AT2G16790	gluconokinase	3.6
AT2G31390	fructokinase	3.5
AT2G36580	pyruvate kinase	2.9
AT3G59480	fructokinase	14.7
AT5G51830	fructokinase 1	2.0
AT5G63680	pyruvate kinase	3.0
AT1G61570	small zinc finger protein	2.2
AT1G64620	zinc finger protein	-2.3
AT1G66140	C2H2-type zinc finger protein	-3.1
AT1G68190	zinc finger protein	-2.1
AT1G68360	zinc finger protein	2.1
AT5G66170	ketoconazole resistant protein-like	2.4
AT3G10910	RING zinc finger protein	4.0
AT3G19580	zinc finger protein	2.8
AT5G59820	zinc finger protein Zat12	4.3
AT1G01290	molybdopterin biosynthesis CNX3 protein-like	2.0
AT1G03220	extracellular dermal glycoprotein (EDGP)-like	3.1
AT1G03680	thioredoxin-m-like	-2.0
AT1G06000	UDPG glucosyltransferase-like	2.1
AT1G06230	ring3 bromodomain protein-like	2.2
AT1G06350	delta 9 desaturase	5.5
AT1G07180	alternative NADH-dehydrogenase	-3.6
AT1G07750	globulin	2.3
AT1G08630	L-allo-threonine aldolase	3.2
AT1G09340	RNA-binding protein	-2.8
AT1G09350	galactinol synthase	-2.8
AT1G09560	Germin	2.1
AT1G11890	vesicle transport protein	2.3
AT1G12830	peroxisomal targeting signal type 2 receptor	2.4
AT1G14010	Golgi-associated membrane trafficking protein	2.2
AT1G14620	decoy	2.8
AT1G15730	PRLI-interacting factor L-like	-2.3
AT1G16060	AP2 DNA-binding domain protein	2.2
AT1G17530	inner mitochondrial membrane protein	2.2
AT1G20020	ferredoxin--NADP reductase	-2.2
AT1G21140	tonoplast intrinsic protein, alpha (alpha-TIP)	-2.2
AT1G21400	branched-chain alpha keto-acid dehydrogenase	2.5
AT1G21460	MTN3 (nodule development protein)-like	-2.1
AT1G22360	UDP-glucose glucosyltransferase	2.3
AT1G22440	alcohol dehydrogenase ADH	5.9
AT1G22600	seed maturation protein PM27-like	-2.5
AT1G23480	glucosyltransferase	-2.2
AT1G27480	lecithin:cholesterol acyltransferase	-2.1
AT1G27980	sphingosine-1-phosphate lyase	2.2
AT1G28480	glutaredoxin	2.2
AT1G29100	metal-binding isoprenylated protein	2.0
AT1G29330	ER lumen protein retaining receptor	2.2
AT1G29670	lipase hydrolase	-2.4
AT1G30100	9-cis-epoxycarotenoid dioxygenase	2.5
AT1G32100	pinorelinol-lariciresinol reductase	-2.6
AT1G32350	oxidase	7.5
AT1G32470	glycine cleavage system H protein	-2.4
AT1G32550	ferredoxin	-2.1
AT1G33030	catechol O-methyltransferase	2.3
AT1G33790	myrosinase binding protein	6.3
AT1G36150	non-specific lipid transfer protein	3.0
AT1G43800	stearoyl acyl carrier protein desaturase	3.4
AT1G48600	phosphoethanolamine N-methyltransferase	-2.1
AT1G48750	lipid transfer protein	4.9
AT1G49050	nucellin	2.5

AT1G49660	esterase	2.0
AT1G52040	myrosinase-binding protein	2.2
AT1G54000	myrosinase-associated protein	3.1
AT1G54010	myrosinase-associated protein	14.5
AT1G54100	aldehyde dehydrogenase	2.1
AT1G55510	branched-chain alpha-keto acid decarboxylase E1 beta subunit	2.2
AT1G55740	seed imbibition protein	-2.3
AT1G62660	beta-fructosidase	2.1
AT1G62710	beta-VPE	-2.4
AT1G63660	GMP synthase	2.1
AT1G63780	U3 small nucleolar ribonucleoprotein protein	2.2
AT1G65400	lectin	-2.1
AT1G65690	hin1	4.5
AT1G66100	thionin	-3.9
AT1G67980	S-adenosyl-L-methionine:trans-caffeoyl-Coenzyme A 3-O-methyltransferase	11.3
AT1G68010	hydroxypyruvate reductase (HPR)	-2.2
AT1G68040	S-adenosyl-L-methionine:salicylic acid carboxyl methyltransferase	-2.3
AT1G68290	bifunctional nuclease	3.0
AT1G69720	heme oxygenase	6.1
AT1G69880	thioredoxin	7.1
AT1G70260	nodulin protein	2.1
AT1G70410	carbonic anhydrase	-2.1
AT1G70820	phosphoglucomutase	-2.2
AT1G72610	germin-like protein	-2.6
AT1G73600	phosphoethanolamine N-methyltransferase	-2.7
AT1G73610	lipase acylhydrolase	3.9
AT1G74020	strictosidine synthase	2.3
AT1G74070	adenosine kinase	-2.3
AT1G74210	glycerophosphodiester phosphodiesterase	2.7
AT1G74440	YGL010w-like protein	3.2
AT1G75040	thaumatin	8.4
AT1G76790	catechol O-methyltransferase	2.1
AT1G76970	seed protein	3.1
AT1G77120	alcohol dehydrogenase	7.0
AT1G77490	thylakoid-bound ascorbate peroxidase	-4.1
AT1G77510	thioredoxin	3.8
AT1G78190	adrenal gland protein	3.2
AT1G79500	2-dehydro-3-deoxyphosphooctonate aldolase	-3.7
AT1G80050	adenine phosphoribosyltransferase	2.5
AT1G80170	polygalacturonase	-2.8
AT2G04400	indole-3-glycerol phosphate synthase	2.6
AT2G04450	mutT domain protein	4.6
AT2G04570	GDSL-motif lipase hydrolase	-2.9
AT2G05510	glycine-rich protein	36.8
AT2G07050	cycloartenol synthase	2.0
AT2G13290	N-acetylglucosaminyltransferase	2.2
AT2G13810	aspartate aminotransferase	2.3
AT2G15620	ferredoxin--nitrite reductase	-2.5
AT2G16060	class 1 non-symbiotic hemoglobin (AHB1-like)	12.6
AT2G16780	WD-40 repeat protein	2.3
AT2G18240	integral membrane protein	2.1
AT2G18260	Syntaxin	-2.0
AT2G18710	preprotein translocase SECY protein	-2.2
AT2G19670	arginine N-methyltransferase	2.9
AT2G19770	profilin 4-like	-2.4
AT2G20530	prohibitin-like protein-likeB-cell receptor-associated protein BAP3	2.1
AT2G21170	triosephosphate isomerase	-2.1
AT2G22230	beta-hydroxyacyl-ACP dehydratase	-2.2
AT2G23260	glucosyltransferase	-2.6
AT2G24850	tyrosine aminotransferase	3.2
AT2G24990	extragenic suppressor of bimD6 mutation-like	2.1
AT2G25110	stromal cell-derived factor 2-like	2.7
AT2G25450	dioxygenase	2.2
AT2G26480	glucosyltransferase	4.1
AT2G26740	epoxide hydrolase	2.2
AT2G28080	glucosyltransferase	2.3
AT2G28470	beta-galactosidase	-2.8
AT2G28680	legumin	12.7
AT2G28900	membrane channel protein	-2.4
AT2G29290	tropinone reductase	-3.1
AT2G29350	tropinone reductase	5.4
AT2G29370	tropinone reductase	2.5
AT2G30140	glucosyltransferase	2.7
AT2G30210	laccase	-2.1
AT2G30390	ferrochelataase	-2.0
AT2G30490	cinnamate-4-hydroxylasellike	2.9
AT2G30550	lipase	2.6
AT2G33150	3-ketoacyl-CoA thiolase	2.2
AT2G33410	RNA-binding protein	2.1
AT2G35980	harpin-induced protein	3.0
AT2G37540	oxidoreductase	2.2
AT2G37690	phosphoribosylaminoimidazole carboxylase	4.5

AT2G37760	alcohol dehydrogenase	3.00
AT2G37770	alcohol dehydrogenase	2.0
AT2G38080	diphenol oxidase	-2.0
AT2G38530	nonspecific lipid-transfer protein	2.8
AT2G38750	annexin	2.3
AT2G39210	nodulin	4.6
AT2G39220	latex allergen	2.7
AT2G39310	myrosinase-binding protein	6.0
AT2G40660	methionyl-tRNA synthetase	2.1
AT2G41680	thioredoxin reductase	-2.2
AT2G42220	rhodanese family protein	-2.3
AT2G43020	amine oxidase	2.1
AT2G43420	sterol dehydrogenase	2.0
AT2G43750	cysteine synthase (cpACS1-like)	-2.5
AT2G44160	methylenetetrahydrofolate reductase	-2.3
AT2G47130	alcohol dehydrogenase	3.1
AT2G47380	cytochrome c oxidase Vc subunit	2.0
AT2G47640	small nuclear ribonucleoprotein D2-like	2.3
AT3G01420	feebly protein	2.6
AT3G01480	thylakoid lumen rotamase	-2.6
AT3G01500	carbonic anhydrase	-2.4
AT3G02230	reversibly glycosylated polypeptide-1-like	2.4
AT3G04790	ribose 5-phosphate isomerase	-2.1
AT3G05970	long-chain-fatty-acid--CoA ligase	2.5
AT3G06420	symbiosis related proteins	2.7
AT3G08770	nonspecific lipid-transfer protein	2.0
AT3G08920	rhodanese-like family protein	-2.7
AT3G08995	yippee protein	-7.0
AT3G09260	thioglucosidase	8.8
AT3G09390	metallothionein-like protein	2.4
AT3G09940	monodehydroascorbate reductase	4.4
AT3G10520	class 2 non-symbiotic hemoglobin	-2.5
AT3G10780	membrane protein	5.0
AT3G13450	branched chain alpha-keto acid dehydrogenase E1 beta subunit	2.2
AT3G13790	beta-fructofuranosidase	3.0
AT3G14210	myrosinase-associated protein	-4.5
AT3G15090	zinc-binding dehydrogenase	2.1
AT3G15690	acetyl-CoA carboxylase biotin-containing subunit	-2.1
AT3G16250	2Fe-2S iron-sulfur cluster protein	-3.0
AT3G17810	dehydrogenase	2.2
AT3G17820	glutamine synthetase	2.9
AT3G19620	beta-xylosidase	-2.2
AT3G21540	WD-repeat protein	2.2
AT3G22460	O-acetylserine(thiol) lyase	3.0
AT3G22850	aluminum-induced protein	6.1
AT3G23470	cyclopropane-fatty-acyl-phospholipid synthase	-2.3
AT3G24430	mrp protein	-2.2
AT3G25830	limonene cyclase	3.6
AT3G25900	homocysteine S-methyltransferase	2.4
AT3G26060	peroxiredoxin	-3.3
AT3G27190	uracil phosphoribosyltransferase	3.7
AT3G27280	prohibitin	5.8
AT3G28290	At14a-1 protein-like	2.3
AT3G28480	prolyl 4-hydroxylase	3.1
AT3G28510	mitochondrial protein	4.4
AT3G28860	P-glycoprotein	-2.2
AT3G28950	AlG2-like	2.3
AT3G29250	short-chain alcohol dehydrogenase	19.7
AT3G30775	proline oxidase	2.8
AT3G42660	AND-1 like protein	-2.0
AT3G44220	hin1 protein-like	-2.2
AT3G44300	nitrilase 2-like	7.0
AT3G44320	nitrilase 3-like	3.7
AT3G44720	chloroplast prephenate dehydratase	2.5
AT3G44750	histone deacetylase	2.1
AT3G45300	isovaleryl-CoA-dehydrogenase precursor (IVD)	2.1
AT3G45970	cim1 induced allergen-like	5.1
AT3G46070	zinc finger	3.0
AT3G46080	zinc finger	3.8
AT3G46090	zinc finger protein ZAT7-like	2.0
AT3G46440	dTDP-glucose 4-6-dehydratases protein	2.5
AT3G46690	glucuronosyl transferase	3.3
AT3G46940	dUTP pyrophosphatase	2.3
AT3G48110	glycine--tRNA ligase	2.0
AT3G49130	pre-mRNA splicing factor SF3a	2.4
AT3G49620	SRG1 protein-like	-2.0
AT3G50300	anthranilate N-hydroxycinnamoyl benzoyltransferase	3.1
AT3G50580	proline-rich protein	3.1
AT3G50930	BCS1 protein-like	2.4
AT3G51000	epoxide hydrolase	2.0
AT3G51440	mucin	3.6
AT3G51600	non-specific lipid transfer protein	-2.6

AT3G51820	chlorophyll synthetase	-2.3
AT3G51860	Ca ²⁺ H ⁺ -exchanging protein	6.4
AT3G52720	carbonic anhydrase	-3.5
AT3G52750	plastid division protein (FtsZ-like)	-2.2
AT3G52840	beta-galactosidase	-2.5
AT3G53120	Modifier of rudimentary p1-like	2.5
AT3G53170	nodulin glutamate-ammonia ligase - like	-2.1
AT3G53530	sericin1B-like	-2.7
AT3G54050	fructose-bisphosphatase	-2.0
AT3G54950	patatin	2.2
AT3G54980	CRP1-like	2.1
AT3G55500	expansin	-4.4
AT3G55640	Ca-dependent solute carrier	-2.0
AT3G55800	sedoheptulose-bisphosphatase	-2.0
AT3G56710	SigA binding protein	2.4
AT3G56940	leucine zipper-containing protein	-2.1
AT3G56950	NODULIN-26-like	2.0
AT3G57010	strictosidine synthase	3.6
AT3G57150	dyskerin (nucleolar protein NAP57-like)	2.8
AT3G58750	citrate synthase	2.2
AT3G60290	SRG1 - like protein	-2.0
AT3G60420	prib5-like	3.5
AT3G60750	transketolase	-2.0
AT3G63140	mRNA binding protein	-3.6
AT3G63160	outer envelope membrane protein	-3.1
AT4G00520	acetyl CoA thioesterase	-2.0
AT4G00620	tetrahydrofolate synthase	2.1
AT4G00700	phosphoribosylanthranilate transferase	3.2
AT4G02220	zinc finger protein	2.1
AT4G03320	chloroplast protein import component	3.2
AT4G03610	hydrolase	8.0
AT4G04620	symbiosis-related protein	2.2
AT4G04950	thioredoxin	2.0
AT4G05210	LpxD gene-like	-2.1
AT4G09160	polyphosphoinositide binding protein (Ssh2-like)	-2.8
AT4G09650	H ⁺ -transporting ATP synthase	-2.4
AT4G09750	ribitol dehydrogenase	3.2
AT4G10500	SRG1 protein-like	3.9
AT4G10960	UDP-galactose 4-epimerase	2.2
AT4G11650	osmotin	9.1
AT4G12250	nucleotide sugar epimerase	2.2
AT4G12470	pEARLI 1-like	4.2
AT4G12490	pEARLI 1-like	4.4
AT4G12500	pEARLI 1-like	5.7
AT4G13850	glycine-rich RNA-binding protein (AtGRP2 -like)	2.5
AT4G13890	glycine hydroxymethyltransferase	2.3
AT4G14880	cytosolic O-acetylserine(thiol)lyase	2.1
AT4G15280	UTP-glucose glucosyltransferase	2.0
AT4G15530	pyruvate,orthophosphate dikinase	2.2
AT4G16260	beta-1,3-glucanase class I	2.5
AT4G17830	N-acetylornithine deacetylase	2.0
AT4G18480	protein ch-42	-2.2
AT4G18910	nodulin-26-like	3.0
AT4G20020	DAG-like	2.1
AT4G20070	hyuC-like	-3.0
AT4G20110	BP-80 vacuolar sorting receptor	3.9
AT4G20320	CTP synthase	3.1
AT4G21520	guanine nucleotide-binding protein	2.4
AT4G22590	trehalose-6-phosphate phosphatase	2.3
AT4G22820	PVPR3 protein-like	2.6
AT4G23400	water channel	-2.2
AT4G23660	polyprenyltransferase	-2.3
AT4G25000	alpha-amylase	4.0
AT4G25630	fibrillarlin 2 (AtFib2)-like	2.8
AT4G25700	beta-carotene hydroxylase	-2.0
AT4G25900	apospory-associated protein	2.1
AT4G26270	pyrophosphate-dependent phosphofructo-1-kinase	3.7
AT4G26530	fructose-bisphosphate aldolase	-2.5
AT4G26870	aspartate-tRNA ligase	2.1
AT4G27070	tryptophan synthase beta-subunit	2.0
AT4G27890	prolactin-induced T cell protein-like	2.6
AT4G28390	ADP,ATP carrier	2.2
AT4G28510	prohibitin	3.8
AT4G29020	glycine-rich protein	-3.2
AT4G29030	glycine-rich protein	2.3
AT4G29510	arginine methyltransferase (pam1-like)	2.0
AT4G29690	nucleotide pyrophosphatase	4.6
AT4G30140	proline-rich protein (APG C-terminus-like)	2.0
AT4G30490	ATPase	2.6
AT4G30950	chloroplast omega-6 fatty acid desaturase (fad6-like)	-2.1
AT4G32720	RNA-binding protein (LAH1-like)	2.1
AT4G32990	HIRA protein	-2.8

AT4G33490	nucellin	-2.3
AT4G33580	carbonate dehydratase	-2.0
AT4G33910	prolyl 4-hydroxylase alpha(II)-subunit	2.4
AT4G34250	fatty acid elongase	3.9
AT4G35110	pEARLI 4-like	2.9
AT4G35180	amino acid permease	2.4
AT4G37150	hydroxynitrile lyase	4.1
AT4G37930	glycine hydroxymethyltransferase	-2.0
AT4G37980	cinnamyl-alcohol dehydrogenase (ELI3-1-like)	-2.1
AT4G37990	cinnamyl-alcohol dehydrogenase (ELI3-2-like)	8.4
AT4G38260	T10 protein-like	2.2
AT4G38540	monooxygenase 2 (MO2-like)	2.0
AT4G38770	extensin	-2.3
AT4G38970	fructose-bisphosphate aldolase	-2.1
AT4G39800	myo-inositol-1-phosphate synthase	-2.6
AT4G39890	small GTP-binding protein	2.3
AT5G01090	lectin	-2.4
AT5G01210	anthranilate N-benzoyltransferase	2.3
AT5G01580	gamma-interferon inducible lysosomal thiol reductase-like	-2.5
AT5G01870	lipid-transfer protein	2.1
AT5G02120	one helix protein (OHP)	-2.4
AT5G02880	thyroid receptor interacting protein	2.1
AT5G04140	ferredoxin-dependent glutamate synthase	-2.8
AT5G05460	endo-beta-N-acetylglucosaminidase	2.5
AT5G06290	2-cys peroxiredoxin	-2.0
AT5G06320	harpin-induced protein	2.4
AT5G06690	thioredoxin	-2.7
AT5G07100	SPF1-like	2.1
AT5G07910	densin-180-like	2.1
AT5G08180	nhp2-like	2.7
AT5G08280	hydroxymethylbilane synthase	-2.0
AT5G08380	alpha-galactosidase	2.4
AT5G11160	adenine phosphoribosyltransferase	2.2
AT5G11520	aspartate aminotransferase (Asp3-like)	2.1
AT5G12050	serine rich protein	-7.2
AT5G12890	glucosyltransferase	2.9
AT5G13490	adenosine nucleotide translocator	2.4
AT5G14180	lipase	4.1
AT5G14700	cinnamoyl CoA reductase	2.0
AT5G14740	CARBONIC ANHYDRASE	-2.1
AT5G15780	proline-rich protein	-4.6
AT5G15820	ring finger protein	2.0
AT5G15950	S-adenosylmethionine decarboxylase (adoMetDC2)	5.3
AT5G16370	AMP-binding protein	2.1
AT5G16510	amylogenin	2.2
AT5G17760	BCS1 - like	7.5
AT5G18120	disulfide isomerase-related protein	-4.3
AT5G18670	beta-amylase	2.5
AT5G19110	dermal glycoprotein	2.1
AT5G19220	Glucose-1-phosphate adenyltransferase	-2.1
AT5G19440	cinnamyl-alcohol dehydrogenase	3.4
AT5G19550	aspartate aminotransferase	3.6
AT5G20630	germin	-5.7
AT5G20830	sucrose-UDP glucosyltransferase	3.0
AT5G20960	aldehyde oxidase	2.2
AT5G22300	Nitrilase 4-like	4.7
AT5G22650	histone deacetylase	2.1
AT5G23120	photosystem II stability assembly factor HCF136	-2.0
AT5G25250	nodulin	2.5
AT5G25980	myrosinase (TGG2-like)	-5.5
AT5G26000	myrosinase	-2.5
AT5G27420	RING-H2 zinc finger protein	2.9
AT5G28050	cytidine deaminase	2.9
AT5G28540	luminal binding protein	3.1
AT5G30500	galactinol synthase	3.3
AT5G35630	glutamate-ammonia ligase	-2.8
AT5G36700	N-glyceraldehyde-2-phosphotransferase	-2.3
AT5G36790	p-nitrophenylphosphatase	-2.4
AT5G37590	kinesin	2.0
AT5G37600	glutamate-ammonia ligase	3.0
AT5G38710	proline oxidase	3.0
AT5G38900	frnE protein	3.3
AT5G38930	germin	2.2
AT5G38940	germin	2.3
AT5G39160	germin	-2.1
AT5G39950	thioredoxin	2.0
AT5G40010	nuclear gene encoding mitochondrial protein	2.4
AT5G40020	thaumatin	-2.0
AT5G40770	prohibitin	2.3
AT5G40780	amino acid permease	2.6
AT5G40930	mitochondrial protein import receptor TOM20	2.4
AT5G41610	Na+ H+ antiporter	2.3

AT5G42830	N-hydroxycinnamoyl benzoyltransferase	6.0
AT5G44480	UDP-glucose 4-epimerase	2.5
AT5G44520	ribose 5-phosphate isomerase	-2.5
AT5G44680	DNA-3-methyladenine glycosylase I	-3.0
AT5G45950	GDSL-motif lipase hydrolase	3.1
AT5G47330	palmitoyl-protein thioesterase	-2.2
AT5G48010	cycloartenol synthase	2.2
AT5G49630	amino acid permease 6-like	-2.0
AT5G50600	11-beta-hydroxysteroid dehydrogenase	19.5
AT5G50750	UDP-glucose:protein transglucosylase	2.3
AT5G52570	beta-carotene hydroxylase	-2.1
AT5G52810	ornithine cyclodeaminase	3.4
AT5G53490	thylakoid lumenal 17.4 kD protein	-2.4
AT5G53870	phytoeyanin	34.0
AT5G53950	CUC2-like	2.1
AT5G53970	tyrosine aminotransferase	2.0
AT5G54300	cotton fiber expressed protein 1-like	4.4
AT5G57240	oxysterol-binding protein	2.3
AT5G57330	apospory-associated protein C	2.0
AT5G57520	CCHH finger protein 2	-3.0
AT5G58720	PRL1 associated protein	2.3
AT5G59310	nonspecific lipid-transfer protein	11.8
AT5G59320	nonspecific lipid-transfer protein	6.1
AT5G61030	RNA-binding protein	2.9
AT5G61250	heparanase	2.2
AT5G61440	thioredoxin	3.4
AT5G61510	quinone oxidoreductase	2.1
AT5G61640	peptide methionine sulfoxide reductase	2.0
AT5G61770	Peter Pan-like	2.2
AT5G61790	calnexin	2.9
AT5G62080	A9 protein precursor	-3.6
AT5G62350	ripening-related protein	-2.0
AT5G62360	DC1.2 homologue	-3.6
AT5G64000	3(2),5-bisphosphate nucleotidase	5.7
AT5G64460	ZW10-like protein	-2.2
AT5G64620	invertase inhibitor	-2.3
AT5G64870	nodulin	2.1
AT5G65020	annexin	9.7
AT5G65140	trehalose-6-phosphate phosphatase	7.4
AT5G65730	xyloglucan endo-transglycosylase	-3.8
AT5G66400	dehydrin (RAB18-like)	3.5
AT5G66470	GTP-binding protein	-2.2
AT5G66530	apospory-associated protein	-2.3

Expressed, unknown, hypothetical proteins

AT1G01680	hypothetical protein	4.6
AT1G02240	hypothetical protein	8.3
AT1G03290	unknown protein	2.1
AT3G52700	hypothetical protein	-3.7
AT1G03320	hypothetical protein	2.1
AT1G03340	hypothetical protein	2.0
AT1G03530	hypothetical protein	2.0
AT1G03760	hypothetical protein	2.4
AT1G03850	hypothetical protein	12.0
AT1G04540	hypothetical protein	-2.3
AT1G04800	unknown protein	-8.0
AT1G04870	unknown protein	2.0
AT1G05340	unknown protein	6.8
AT1G07850	hypothetical protein	-2.2
AT1G08050	unknown protein	2.2
AT1G08320	expressed protein	2.2
AT1G08940	unknown protein	2.3
AT1G09290	hypothetical protein	2.2
AT1G09750	hypothetical protein	-2.4
AT1G10030	unknown protein	-2.3
AT1G10140	unknown protein	5.2
AT1G10340	hypothetical protein	3.6
AT1G10410	unknown protein	2.2
AT1G10820	hypothetical protein	-2.1
AT1G12080	unknown protein	-2.8
AT1G12160	hypothetical protein	2.7
AT1G12420	hypothetical protein	2.8
AT1G13340	hypothetical protein	5.5
AT1G13470	hypothetical protein	3.8
AT1G13520	hypothetical protein	2.2
AT1G13750	unknown protein	2.2
AT1G14150	unknown protein	-3.3
AT1G14330	hypothetical protein	2.2
AT1G14340	hypothetical protein	-2.9
AT1G14360	unknown protein	2.1
AT1G14630	hypothetical protein	4.3
AT1G14870	unknown protein	4.6

AT1G14880	unknown protein	3.5
AT1G15040	unknown protein	9.1
AT1G15260	unknown protein	-2.2
AT1G15380	hypothetical protein	3.2
AT1G15670	unknown protein	2.4
AT1G15830	hypothetical protein	-2.2
AT1G15900	hypothetical protein	-2.0
AT1G15980	unknown protein	-2.8
AT1G16530	hypothetical protein	6.0
AT1G16960	hypothetical protein	-2.1
AT1G18330	hypothetical protein	2.7
AT1G18620	unknown protein	-2.2
AT1G18730	unknown protein	-2.0
AT1G18810	unknown protein	-2.3
AT1G18850	unknown protein	2.1
AT1G19060	hypothetical protein	2.8
AT1G19200	hypothetical protein	2.1
AT1G19530	unknown protein	3.7
AT1G21010	unknown protein	3.0
AT1G21240	hypothetical protein	2.9
AT1G21250	hypothetical protein	2.2
AT1G21500	unknown protein	-2.6
AT1G21520	hypothetical protein	29.0
AT1G21990	hypothetical protein	-2.4
AT1G23150	unknown protein	12.7
AT1G23710	unknown protein	2.1
AT1G23550	hypothetical protein	2.2
AT1G23830	unknown protein	2.2
AT1G26930	unknown protein	5.1
AT1G27030	unknown protein	-2.5
AT1G27760	unknown protein	3.7
AT1G28410	hypothetical protein	-2.2
AT1G29390	expressed protein	-2.3
AT1G29490	unknown protein	-2.1
AT1G29640	hypothetical protein	2.5
AT1G30040	unknown protein;	2.5
AT1G30250	hypothetical protein	-2.3
AT1G30260	hypothetical protein	-2.4
AT1G30360	unknown protein	-2.0
AT1G30520	hypothetical protein	-2.9
AT1G30550	hypothetical protein	2.0
AT1G33170	unknown protein	-2.2
AT1G33810	expressed protein	-3.3
AT1G34420	hypothetical protein	3.5
AT1G35230	hypothetical protein	2.3
AT1G41800	hypothetical protein	-4.1
AT1G42550	unknown protein	-2.1
AT1G43790	hypothetical protein	-2.2
AT1G43910	unknown protein	14.4
AT1G48320	hypothetical protein	3.5
AT1G50740	unknown protein	2.4
AT1G51110	unknown protein	-2.0
AT1G51130	hypothetical protein	-3.2
AT1G51400	unknown protein	-2.0
AT1G52510	hypothetical protein	-3.1
AT1G52930	unknown protein	4.6
AT1G53150	hypothetical protein	-2.9
AT1G53180	hypothetical protein	4.3
AT1G53610	hypothetical protein	2.1
AT1G54200	hypothetical protein	-2.1
AT1G54780	unknown protein	-2.0
AT1G55210	unknown protein	6.6
AT1G56150	unknown protein	2.0
AT1G56660	hypothetical protein	3.4
AT1G58340	unknown protein	2.1
AT1G59590	hypothetical protein	3.6
AT1G59710	unknown protein	2.1
AT1G60190	hypothetical protein	2.5
AT1G61350	hypothetical protein	-2.0
AT1G64150	unknown protein	-2.4
AT1G64770	hypothetical protein	-3.0
AT1G65030	hypothetical protein	2.4
AT1G65230	unknown protein	-2.0
AT1G66290	hypothetical protein	-2.5
AT1G66860	unknown protein	2.0
AT1G66940	unknown protein	-2.1
AT1G67700	expressed protein	-2.4
AT1G67810	hypothetical protein	2.0
AT1G67920	unknown protein	2.7
AT1G68590	unknown protein	-2.1
AT1G68620	unknown protein	5.1
AT1G70760	unknown protein	-2.4

AT1G71140	hypothetical protein	5.8
AT1G73810	hypothetical protein	2.4
AT1G73870	hypothetical protein	-2.3
AT1G74880	unknown protein	-2.0
AT1G75060	hypothetical protein	2.5
AT1G75590	unknown protein	2.0
AT1G75690	unknown protein	-2.5
AT1G76450	unknown protein	-2.2
AT1G76960	unknown protein	2.7
AT1G77660	unknown protein	2.7
AT1G78460	hypothetical protein	-2.2
AT1G79450	hypothetical protein	5.8
AT1G79520	unknown protein	2.4
AT1G79790	hypothetical protein	-2.4
AT1G80130	unknown protein	4.1
AT1G80160	hypothetical protein	3.9
AT1G80270	hypothetical protein	2.4
AT1G80510	hypothetical protein	2.4
AT1G80970	hypothetical protein	2.1
AT1G81010	unknown protein	2.2
AT2G01540	hypothetical protein	2.9
AT2G01590	unknown protein	-2.4
AT2G01650	unknown protein	2.3
AT2G01870	hypothetical protein	-2.0
AT2G03640	unknown protein	2.3
AT2G04080	hypothetical protein	2.7
AT2G04100	hypothetical protein	2.8
AT2G05330	hypothetical protein	-2.0
AT2G05910	unknown protein	3.3
AT2G10940	unknown protein	-5.5
AT2G11370	hypothetical protein	-2.0
AT2G12550	hypothetical protein	3.4
AT2G14230	hypothetical protein	4.8
AT2G14560	unknown protein	4.3
AT2G15120	unknown protein	3.2
AT2G15220	hypothetical protein	9.4
AT2G16190	hypothetical protein	6.0
AT2G16480	hypothetical protein	2.0
AT2G16900	hypothetical protein	2.1
AT2G17570	hypothetical protein	2.1
AT2G18590	hypothetical protein	2.7
AT2G18660	hypothetical protein	11.9
AT2G18680	unknown protein	2.4
AT2G18690	unknown protein	3.7
AT2G19800	unknown protein	3.2
AT2G20080	unknown protein	2.7
AT2G20890	unknown protein	-2.0
AT2G21010	hypothetical protein	-42.5
AT2G21530	unknown protein	-2.5
AT2G21750	hypothetical protein	-3.3
AT2G21850	unknown protein	2.2
AT2G22570	unknown protein	2.6
AT2G23170	unknown protein	5.5
AT2G23470	hypothetical protein	-2.1
AT2G23810	hypothetical protein;	2.2
AT2G23970	unknown protein	-2.3
AT2G24020	unknown protein	-2.2
AT2G26400	unknown protein	2.9
AT2G26540	hypothetical protein	-2.0
AT2G26920	unknown protein	2.0
AT2G27950	unknown protein	2.0
AT2G28110	hypothetical protein	2.0
AT2G28410	unknown protein	-2.2
AT2G29970	unknown protein	-2.0
AT2G30500	unknown protein	3.6
AT2G30990	hypothetical protein	-2.3
AT2G31940	hypothetical protein	2.9
AT2G32210	unknown protein	3.6
AT2G32360	hypothetical protein	4.8
AT2G32500	hypothetical protein	-2.5
AT2G32550	hypothetical protein	6.8
AT2G32560	unknown protein	-2.4
AT2G32690	unknown protein	-2.2
AT2G33180	unknown protein	-2.2
AT2G33390	unknown protein	-2.6
AT2G33510	hypothetical protein	-2.0
AT2G34170	unknown protein	-2.9
AT2G34260	hypothetical protein	2.8
AT2G34570	hypothetical protein	2.2
AT2G34620	hypothetical protein	-2.5
AT2G35500	hypothetical protein	-2.4
AT2G36110	hypothetical protein	2.9

AT2G36430	hypothetical protein	-3.3
AT2G36540	hypothetical protein	2.1
AT2G37110	unknown protein	2.0
AT2G37820	hypothetical protein	2.4
AT2G37970	unknown protein	4.3
AT2G38110	unknown protein	3.4
AT2G38460	unknown protein	-2.2
AT2G38790	unknown protein	2.9
AT2G39030	unknown protein	2.0
AT2G39130	unknown protein	2.0
AT2G39470	unknown protein	-2.2
AT2G39830	hypothetical protein	2.2
AT2G40200	hypothetical protein;	5.8
AT2G40330	unknown protein	2.6
AT2G41120	hypothetical protein	-2.7
AT2G41150	hypothetical protein	2.1
AT2G41190	unknown protein	2.4
AT2G41230	unknown protein	20.5
AT2G41250	hypothetical protein	4.9
AT2G42770	hypothetical protein	-2.2
AT2G42950	hypothetical protein	2.0
AT2G43010	unknown protein	-2.5
AT2G44020	hypothetical protein	2.0
AT2G44080	unknown protein	5.2
AT2G44290	unknown protein	2.1
AT2G44380	unknown protein	3.5
AT2G44670	unknown protein	2.1
AT2G44920	unknown protein	-2.0
AT2G45470	unknown protein	-2.7
AT2G46320	hypothetical protein;	-2.8
AT2G46620	hypothetical protein	2.4
AT2G47270	unknown protein	7.3
AT2G47770	unknown protein	2.9
AT3G01440	hypothetical protein	-2.1
AT3G01670	unknown protein	-2.2
AT3G01680	unknown protein	-2.3
AT3G01690	unknown protein	-2.2
AT3G02150	unknown protein	2.1
AT3G02550	unknown protein	4.2
AT3G02700	unknown protein	-2.0
AT3G02800	unknown protein	2.4
AT3G03140	hypothetical protein	-2.2
AT3G03360	hypothetical protein	-2.5
AT3G03490	unknown protein	2.3
AT3G03950	unknown protein	2.2
AT3G05730	unknown protein	-2.5
AT3G05900	unknown protein	-2.1
AT3G06150	unknown protein	-2.0
AT3G06770	unknown protein	-2.4
AT3G07090	unknown protein	2.3
AT3G07860	unknown protein	2.4
AT3G09350	hypothetical protein	3.1
AT3G10110	hypothetical protein	2.5
AT3G10460	hypothetical protein	5.1
AT3G10930	hypothetical protein	2.2
AT3G10980	unknown protein	2.3
AT3G11690	unknown protein	2.9
AT3G11720	hypothetical protein	3.1
AT3G12660	hypothetical protein	2.2
AT3G13610	unknown protein	8.3
AT3G13910	hypothetical protein	2.5
AT3G13950	hypothetical protein	6.2
AT3G13980	hypothetical protein	-4.3
AT3G14060	expressed protein	5.5
AT3G14670	hypothetical protein	-2.2
AT3G15100	unknown protein	-2.3
AT3G15110	expressed protein	-2.1
AT3G15340	hypothetical protein	2.6
AT3G15820	unknown protein	2.6
AT3G15840	unknown protein	-2.3
AT3G15950	unknown protein	12.5
AT3G16580	hypothetical protein	-2.6
AT3G16670	unknown protein	-3.6
AT3G17370	unknown protein	-2.4
AT3G17400	hypothetical protein	2.2
AT3G17640	hypothetical protein	-2.2
AT3G18020	hypothetical protein	-2.0
AT3G18050	unknown protein	-2.3
AT3G18250	hypothetical protein	5.5
AT3G18380	unknown protein	-3.3
AT3G18890	hypothetical protein	-2.7
AT3G19460	hypothetical protein	-2.0

AT3G20370	unknown protein	6.0
AT3G20570	hypothetical protein	-2.8
AT3G20660	hypothetical protein	2.8
AT3G21080	unknown protein	4.1
AT3G21550	unknown protein	-2.4
AT3G22105	unknown protein	-2.1
AT3G22160	unknown protein	2.2
AT3G22240	unknown protein	3.2
AT3G22550	unknown protein	4.5
AT3G22570	unknown protein	-6.0
AT3G22600	unknown protein	9.0
AT3G23720	hypothetical protein	-2.3
AT3G25890	unknown protein	2.1
AT3G26600	unknown protein	2.1
AT3G27160	unknown protein	-2.7
AT3G27210	unknown protein	3.3
AT3G27610	unknown protein	2.2
AT3G27880	hypothetical protein	2.8
AT3G27930	hypothetical protein	2.2
AT3G27940	hypothetical protein	2.0
AT3G28130	unknown protein	-2.6
AT3G28220	unknown protein	-2.7
AT3G28540	hypothetical protein	5.9
AT3G28570	unknown protein	3.3
AT3G28600	unknown protein	3.9
AT3G29180	unknown protein	2.0
AT3G29185	hypothetical protein	-2.7
AT3G29575	hypothetical protein	2.4
AT3G30720	unknown protein	2.2
AT3G32900	hypothetical protein	-2.5
AT3G42120	hypothetical protein	-2.1
AT3G42370	putative protein;	-8.9
AT3G42770	putative protein	-4.2
AT3G43200	putative protein	-3.8
AT3G44570	putative protein	-2.6
AT3G45160	hypothetical protein	-2.3
AT3G46190	putative protein	-4.0
AT3G48020	hypothetical protein	2.7
AT3G48080	hypothetical protein	2.4
AT3G48640	hypothetical protein	2.4
AT3G48650	hypothetical protein	3.2
AT3G50470	hypothetical protein	4.2
AT3G50480	hypothetical protein	3.1
AT3G51400	putative protein	2.1
AT3G51410	putative protein	2.6
AT3G51510	putative protein	-2.0
AT3G52040	putative protein	2.9
AT3G52340	unknown protein	2.8
AT3G52430	putative protein	3.7
AT3G53540	putative protein	2.1
AT3G54290	hypothetical protein	2.2
AT3G54620	expressed protein	2.2
AT3G55990	putative protein	-2.0
AT3G56170	putative protein	5.6
AT3G57360	hypothetical protein	3.2
AT3G58050	putative protein	-2.1
AT3G59340	putative protein	2.0
AT3G59780	putative protein;	-2.3
AT3G59900	putative protein	4.6
AT3G60470	putative protein	4.1
AT3G61080	putative protein	-2.0
AT3G61190	putative protein	3.5
AT3G61280	putative protein	4.5
AT3G61870	putative protein	-2.2
AT3G63030	putative protein	4.4
AT3G63050	putative protein	-3.2
AT3G63290	putative protein	-4.5
AT4G00710	hypothetical protein	2.0
AT4G01360	hypothetical protein	2.7
AT4G01870	unknown protein	2.9
AT4G01960	unknown protein	2.2
AT4G03640	hypothetical protein	2.7
AT4G04330	hypothetical protein	-2.6
AT4G09910	hypothetical protein	-2.2
AT4G10060	putative protein	-2.3
AT4G10090	hypothetical protein	2.2
AT4G10300	putative protein	-2.2
AT4G10420	putative protein	-3.7
AT4G12940	putative protein	3.1
AT4G12970	putative protein;	-3.7
AT4G13040	hypothetical protein	2.1
AT4G13500	putative protein	-2.4

AT4G14870	hypothetical protein	-2.2
AT4G15010	hypothetical protein	2.4
AT4G15510	hypothetical protein	-2.3
AT4G15610	hypothetical protein	5.7
AT4G15770	hypothetical protein	2.1
AT4G16310	hypothetical protein	-2.0
AT4G17310	hypothetical protein	-5.0
AT4G17670	hypothetical protein	2.4
AT4G18610	putative protein	-3.1
AT4G18740	hypothetical protein	-2.1
AT4G22890	putative protein	-2.5
AT4G22990	putative protein	-2.4
AT4G23810	putative protein	2.6
AT4G23910	putative protein	-2.2
AT4G24690	putative protein;	2.5
AT4G26260	putative protein	13.9
AT4G27410	putative protein	2.1
AT4G27700	hypothetical protein	-2.4
AT4G27740	putative protein	2.0
AT4G27860	putative protein	3.9
AT4G27920	putative protein	-3.3
AT4G30790	putative protein;	-2.7
AT4G31130	putative protein	2.1
AT4G31530	putative protein	-2.0
AT4G31800	expressed protein	2.9
AT4G32480	putative protein	2.2
AT4G32870	putative protein	3.6
AT4G33540	putative protein;	2.3
AT4G33560	putative protein	5.0
AT4G33610	putative protein;	-3.2
AT4G34090	unknown protein	-2.3
AT4G35360	putative protein	2.6
AT4G35920	putative protein	-2.1
AT4G36200	hypothetical protein	-2.6
AT4G36540	putative protein	-2.8
AT4G36640	putative protein	2.1
AT4G36850	putative protein	-2.1
AT4G36930	putative protein	3.6
AT4G37950	hypothetical protein	-4.6
AT4G39040	putative protein;	-2.2
AT4G39390	putative protein	2.3
AT4G39670	putative protein;	3.4
AT5G01370	hypothetical protein	-2.0
AT5G02160	putative protein	-2.2
AT5G02440	putative protein;	-4.2
AT5G02540	putative protein	-2.9
AT5G02780	putative protein	2.9
AT5G03210	putative protein;	4.7
AT5G03350	putative protein;	4.2
AT5G03530	putative protein	-3.0
AT5G03710	putative protein;	-2.5
AT5G04250	putative protein	2.2
AT5G04830	unknown protein	2.1
AT5G05190	putative protein	3.6
AT5G05300	putative protein	2.5
AT5G07020	unknown protein	-2.5
AT5G07770	unknown protein	2.7
AT5G08360	putative protein	-2.1
AT5G10780	putative protein	2.0
AT5G11070	putative protein	-2.8
AT5G11120	putative protein;	-2.4
AT5G13220	putative protein	2.3
AT5G13460	putative protein	-2.0
AT5G13770	putative protein	-2.2
AT5G14050	putative protein	2.0
AT5G14920	putative protein	2.1
AT5G15050	putative protein	-2.1
AT5G15120	putative protein	2.3
AT5G15190	putative protein;	3.6
AT5G15980	putative protein	2.2
AT5G16870	putative protein	-4.6
AT5G17170	unknown protein	-2.5
AT5G17590	putative protein	-4.7
AT5G17780	putative protein	2.8
AT5G18780	putative protein	3.4
AT5G18900	putative protein	2.7
AT5G19340	putative protein	-2.5
AT5G20140	putative protein	-2.4
AT5G22310	putative protein	2.2
AT5G22540	putative protein	2.1
AT5G23640	unknown protein	4.0
AT5G23820	putative protein	2.6

AT5G24200	putative protein	2.9
AT5G24210	putative protein	3.0
AT5G24370	putative protein	-3.3
AT5G25770	putative protein	2.4
AT5G25840	putative protein	-4.4
AT5G26260	putative protein	36.1
AT5G26280	putative protein	4.2
AT5G26690	putative protein	6.4
AT5G26930	putative protein	2.4
AT5G27290	putative protein	-2.4
AT5G27480	putative protein	4.7
AT5G27690	putative protein	-2.8
AT5G28370	putative protein	2.0
AT5G28660	putative protein	-3.7
AT5G28950	putative protein	-2.7
AT5G30460	putative protein	-3.9
AT5G35270	putative protein	2.0
AT5G35440	putative protein	2.1
AT5G36120	putative protein	-2.2
AT5G37740	putative protein	2.8
AT5G37880	putative protein	-2.3
AT5G37890	putative protein	2.1
AT5G38520	putative protein	-2.1
AT5G39220	putative protein	2.5
AT5G39490	hypothetical protein;	-4.4
AT5G39520	expressed protein	13.4
AT5G39530	putative protein	-2.0
AT5G39860	putative protein	-2.5
AT5G40240	putative protein	2.7
AT5G40260	putative protein	9.8
AT5G40690	putative protein	3.7
AT5G40730	putative protein	9.0
AT5G41050	unknown protein	-2.2
AT5G41080	putative protein	3.4
AT5G42050	putative protein	2.2
AT5G42460	putative protein	2.0
AT5G42550	unknown protein	2.0
AT5G42890	putative protein	2.0
AT5G43050	putative protein	-2.1
AT5G43210	putative protein	-5.3
AT5G43570	unknown protein	4.7
AT5G43750	unknown protein	-3.1
AT5G43910	putative protein	3.1
AT5G44820	putative protein	2.3
AT5G45500	putative protein	2.1
AT5G45530	putative protein	-2.3
AT5G46230	unknown protein	2.7
AT5G46780	putative protein	2.0
AT5G46960	unknown protein	3.1
AT5G47060	putative protein	3.0
AT5G47580	putative protein	2.1
AT5G47610	putative protein	-3.0
AT5G47900	unknown protein	-2.1
AT5G48490	putative protein	-3.3
AT5G48790	unknown protein	-2.3
AT5G49000	putative protein	2.3
AT5G49280	unknown protein	2.3
AT5G49380	putative protein	-2.9
AT5G50050	putative protein	13.5
AT5G50200	putative protein	2.2
AT5G50760	putative protein	2.3
AT5G50910	unknown protein	-8.6
AT5G51040	putative protein	2.3
AT5G51130	putative protein	2.5
AT5G51390	putative protein	4.0
AT5G51570	putative protein	2.7
AT5G51620	unknown protein	2.0
AT5G51720	unknown protein	-2.4
AT5G51780	putative protein	15.6
AT5G51790	putative protein	6.3
AT5G52110	putative protein	-2.1
AT5G52750	putative protein	2.6
AT5G52760	putative protein	5.6
AT5G52970	putative protein	-2.3
AT5G53110	putative protein	2.1
AT5G53120	putative protein	3.7
AT5G54490	putative protein	2.2
AT5G54970	putative protein	2.2
AT5G55450	unknown protein	12.0
AT5G55460	unknown protein	2.1
AT5G55640	unknown protein	2.7
AT5G57400	unknown protein	2.0

AT5G57910	putative protein	3.8
AT5G59050	putative protein;	-2.5
AT5G60340	putative protein	2.0
AT5G60600	putative protein	-2.0
AT5G60800	putative protein	3.1
AT5G61020	putative protein	2.1
AT5G62100	putative protein	-4.8
AT5G62150	putative protein	2.0
AT5G62290	putative protein	2.0
AT5G62440	putative protein	2.5
AT5G63130	unknown protein	2.4
AT5G63160	putative protein	-2.0
AT5G63240	putative protein	2.5
AT5G63250	putative protein	7.5
AT5G63270	putative protein	-2.4
AT5G63340	unknown protein	-5.0
AT5G63760	putative protein	2.3
AT5G63880	unknown protein	2.6
AT5G64010	unknown protein	-2.1
AT5G64680	unknown protein	2.8
AT5G64770	unknown protein	-2.4
AT5G64810	predicted protein;	2.1
AT5G65920	unknown protein;	2.0
AT5G66580	putative protein	-2.7
AT5G66820	unknown protein	2.3
AT5G66860	putative protein	2.1
AT5G67020	putative protein	-3.8
AT5G67210	putative protein	-3.9
AT5G67340	putative protein	3.9
AT5G67490	unknown protein	2.6
AT5G67620	unknown protein	3.8

^aAverage channel intensity ratio of ARR2^{D80E} overexpressors over ARR2 overexpressors