

Supplementary Table 1. Genes responsive to WUS induction

Up-regulated genes:

Affy identifier	AGI code	Description
261585_at	At1g01010	no apical meristem (NAM) family protein
259433_at	At1g01570	fringe-related protein
264577_at	At1g05260	peroxidase 3 (PER3) (P3) / rare cold-inducible protein (RCI3A) (PRC)
264580_at	At1g05340	expressed protein
261077_at	At1g07430	protein phosphatase 2C, putative / PP2C, putative
261198_at	At1g12940	high-affinity nitrate transporter, putative
262608_at	At1g14120	2-oxoglutarate-dependent dioxygenase, putative
262887_at	At1g14780	expressed protein
260744_at	At1g15010	expressed protein
261663_at	At1g18330	myb family transcription factor
262805_at	At1g20900	DNA-binding protein-related
255943_at	At1g22370	UDP-glucuronosyl/UDP-glucosyl transferase family protein
264859_at	At1g24280	glucose-6-phosphate 1-dehydrogenase, putative / G6PD, putative
245650_at	At1g24735	caffeoyl-CoA 3-O-methyltransferase, putative
261191_at	At1g32900	starch synthase, putative
261375_at	At1g53160	squamosa promoter-binding protein-like 4 (SPL4)
265119_at	At1g62570	flavin-containing monooxygenase family protein / FMO family protein
262644_at	At1g62710	vacuolar processing enzyme beta / beta-VPE
261956_at	At1g64590	short-chain dehydrogenase/reductase (SDR) family protein
260435_at	At1g68320	myb family transcription factor (MYB62)
260264_at	At1g68500	expressed protein
262314_at	At1g70810	C2 domain-containing protein
245734_at	At1g73480	hydrolase, alpha/beta fold family protein
262180_at	At1g78050	phosphoglycerate/bisphosphoglycerate mutase family protein
262164_at	At1g78070	WD-40 repeat family protein
262940_at	At1g79520	cation efflux family protein
262045_at	At1g80240	expressed protein
263595_at	At2g01890	purple acid phosphatase, putative
267436_at	At2g19190	light-responsive receptor protein kinase / senescence-responsive receptor-like serine/threonine kinase, putative (SIRK)
265345_at	At2g22680	zinc finger (C3HC4-type RING finger) family protein
266830_at	At2g22810	1-aminocyclopropane-1-carboxylate synthase 4 / ACC synthase 4 (ACS4)
267261_at	At2g23120	expressed protein
267150_at	At2g23510	transferase family protein
257365_x_at	At2g26020	plant defensin-fusion protein, putative (PDF1.2b)
266908_at	At2g34650	protein kinase PINOID (PID)
255822_at	At2g40610	expansin, putative (EXP8)
266364_at	At2g41230	expressed protein
263497_at	At2g42540	cold-responsive protein / cold-regulated protein (cor15a)
263981_at	At2g42870	expressed protein
265261_at	At2g42990	GDSL-motif lipase/hydrolase family protein
260567_at	At2g43820	UDP-glucuronosyl/UDP-glucosyl transferase family protein
266711_at	At2g46740	FAD-binding domain-containing protein
266713_at	At2g46760	FAD-binding domain-containing protein
258975_at	At3g01970	WRKY family transcription factor
258971_at	At3g01990	ACT domain-containing protein (ACR6)
259104_at	At3g02170	expressed protein
259042_at	At3g03450	gibberellin response modulator, putative / gibberellin-responsive modulator, putative

259217_at	At3g03620	MATE efflux family protein
259015_at	At3g07350	expressed protein
256266_at	At3g12320	expressed protein
257051_at	At3g15270	squamosa promoter-binding protein-like 5 (SPL5)
258275_at	At3g15760	expressed protein
258338_at	At3g16150	L-asparaginase, putative / L-asparagine amidohydrolase, putative
259327_at	At3g16460	jacalin lectin family protein
257673_at	At3g20370	mepirin and TRAF homology domain-containing protein / MATH domain-containing protein
257259_at	At3g22090	expressed protein
258107_at	At3g23560	MATE efflux family protein
258078_at	At3g25870	expressed protein
257635_at	At3g26280	cytochrome P450 family protein
257628_at	At3g26290	cytochrome P450 71B26, putative (CYP71B26)
258059_at	At3g29035	no apical meristem (NAM) family protein
256743_at	At3g29370	expressed protein
251925_at	At3g54000	expressed protein
251480_at	At3g59710	short-chain dehydrogenase/reductase (SDR) family protein
251363_at	At3g61250	myb family transcription factor (MYB17)
255259_at	At4g05020	NADH dehydrogenase-related
245397_at	At4g14560	auxin-responsive protein / indoleacetic acid-induced protein 1 (IAA1)
245560_at	At4g15480	UDP-glucuronosyl/UDP-glucosyl transferase family protein
245262_at	At4g16563	aspartyl protease family protein
254496_at	At4g20070	peptidase M20/M25/M40 family protein
254234_at	At4g23680	major latex protein-related / MLP-related
253908_at	At4g27260	auxin-responsive GH3 family protein
253872_at	At4g27410	no apical meristem (NAM) family protein (RD26)
253864_at	At4g27460	CBS domain-containing protein
253776_at	At4g28390	ADP, ATP carrier protein, mitochondrial, putative / ADP/ATP translocase, putative / adenine nucleotide translocator, putative
253722_at	At4g29190	zinc finger (CCCH-type) family protein
253654_at	At4g30060	expressed protein
253630_at	At4g30490	AFG1-like ATPase family protein
253263_at	At4g34000	ABA-responsive element-binding protein / abscisic acid responsive elements-binding factor (ABRE) / ABA-responsive elements-binding factor (ABF3)
253103_at	At4g36110	auxin-responsive protein, putative
252984_at	At4g37990	mannitol dehydrogenase, putative (ELI3-2)
252859_at	At4g39780	AP2 domain-containing transcription factor, putative
252822_at	At4g39955	hydrolase, alpha/beta fold family protein
251060_at	At5g01820	CBL-interacting protein kinase 14 (CIPK14)
251039_at	At5g02020	expressed protein
251025_at	At5g02190	aspartyl protease family protein
251013_at	At5g02540	short-chain dehydrogenase/reductase (SDR) family protein
251010_at	At5g02550	expressed protein
250665_at	At5g06980	expressed protein
246562_at	At5g15580	expressed protein
250054_at	At5g17860	cation exchanger, putative (CAX7)
249910_at	At5g22630	prephenate dehydratase family protein
249065_at	At5g44260	zinc finger (CCCH-type) family protein
249052_at	At5g44420	plant defensin protein, putative (PDF1.2a)
248509_at	At5g50335	expressed protein
248337_at	At5g52310	low-temperature-responsive protein 78 (LTI78) / desiccation-responsive protein 29A (RD29A)

248243_at	At5g53590	auxin-responsive family protein
248205_at	At5g54300	expressed protein
248028_at	At5g55620	expressed protein
247280_at	At5g64260	phosphate-responsive protein, putative
247228_at	At5g65140	trehalose-6-phosphate phosphatase, putative
247024_at	At5g66985	expressed protein
247023_at	At5g67060	basic helix-loop-helix (bHLH) family protein
247035_at	At5g67110	basic helix-loop-helix (bHLH) family protein

Down-regulated genes:

Affy identifier	AGI code	Description
264841_at	At1g03740	protein kinase family protein
262793_at	At1g13110	cytochrome P450 71B7 (CYP71B7)
256069_at	At1g13740	expressed protein
262704_at	At1g16530	LOB domain protein 3 / lateral organ boundaries domain protein 3 (LBD3)
259466_at	At1g19050	two-component responsive regulator / response regulator 7 (ARR7)
245662_at	At1g28190	expressed protein
259546_at	At1g35350	EXS family protein / ERD1/XPR1/SYG1 family protein
264636_at	At1g65490	expressed protein
262360_at	At1g73080	leucine-rich repeat transmembrane protein kinase, putative
262212_at	At1g74890	two-component responsive regulator / response regulator 15 (ARR15)
266175_at	At2g02450	no apical meristem (NAM) family protein
267262_at	At2g22990	sinapoylglucose
267524_at	At2g30600	BTB/POZ domain-containing protein
267523_at	At2g30610	unknown protein
267550_at	At2g32800	protein kinase family protein
266008_at	At2g37390	heavy-metal-associated domain-containing protein
266983_at	At2g39400	hydrolase, alpha/beta fold family protein
267392_at	At2g44490	glycosyl hydrolase family 1 protein
259129_at	At3g02150	TCP family transcription factor, putative
257641_s_at	At3g25760	early-responsive to dehydration stress protein (ERD12)
257315_at	At3g30775	proline oxidase, mitochondrial / osmotic stress-responsive proline dehydrogenase (POX) (PRO1) (ERD5)
252377_at	At3g47960	proton-dependent oligopeptide transport (POT) family protein
252374_at	At3g48100	two-component responsive regulator / response regulator 5 (ARR5) / response reactor 2 (RR2)
256671_at	At3g52290	calmodulin-binding family protein
251987_at	At3g53280	cytochrome P450 71B5 (CYP71B5)
251342_at	At3g60690	auxin-responsive family protein
245305_at	At4g17215	expressed protein
254553_at	At4g19530	disease resistance protein (TIR-NBS-LRR class), putative
254321_at	At4g22590	trehalose-6-phosphate phosphatase, putative
245229_at	At4g25620	hydroxyproline-rich glycoprotein family protein
253571_at	At4g31000	calmodulin-binding protein
253215_at	At4g34950	nodulin family protein
252950_at	At4g38690	1-phosphatidylinositol phosphodiesterase-related
250663_at	At5g07110	prenylated rab acceptor (PRA1) family protein
246114_at	At5g20250	raffinose synthase family protein / seed imbibition protein, putative (din10)
249835_s_at	At5g23510	expressed protein
246931_at	At5g25170	expressed protein
249393_at	At5g40170	disease resistance family protein

249309_at	At5g41410	homeodomain protein (BEL1)
248622_at	At5g49360	glycosyl hydrolase family 3 protein
247794_at	At5g58670	phosphoinositide-specific phospholipase C (PLC1)
247679_at	At5g59540	oxidoreductase, 2OG-Fe(II) oxygenase family protein
247524_at	At5g61440	thioredoxin family protein
247406_at	At5g62920	two-component responsive regulator / response regulator 6 (ARR6)