

Appendix E The information of genes putatively responsive to salt and/or cold stress in STIFDB while their expression level did not change significantly

by GENEVESTIGATOR v3

AGI code	Probe set	Gene symbol	Response to stress	Annotation	Reference
AT1G16810	256113_at	unknown protein	n	Unknown protein	n
AT5G20000	246147_s_at	F28I16.150	n	26S proteasome AAA-ATPase subunit.putative	n
AT1G51710	256179_at	ATUBP6	n	Ubiquitin-specific protease 6 (UBP6)	n
AT2G30870	267154_at	ATGSTF10	Drought	Glutathione S-Transferase PHI 10	(Ryu <i>et al.</i> 2009)
AT5G02620	250998_at	ANKYRIN-LIKE1	n	Ankyrin repeat protein	n
AT4G30480	253633_at	unknown protein	n	Unknown protein	n
AT3G46220	252513_at	unknown protein	n	Unknown protein	n
AT5G11770	250334_at	T22P22.160	n	NADH-ubiquinone oxidoreductase 20 kDa subunit	n
AT5G42220	249240_at	F28P5.2	n	Oligopeptide transport	n
AT1G72120	256334_at	Transporter	n	transporter	n
AT3G56510	251690_at	T5P19.160	n	TBP-binding protein, putative	n
AT4G39520	252883_at	F23K16.150	n	GTP-binding protein, putative	n
AT3G42790	252764_at	ALFIN-LIKE 3	n	PhD domain containing homeodomain proteins	n
AT4G11260	254918_at	ATSGT1B	n	Functions in plant disease resistance signaling	n
AT4G32850	253399_at	ATNPAP	n	Encodes a nuclear poly(A) polymerase	n
AT5G54680	248171_at	IAA-LEUCINE RESISTANT3	n	iaa-leucine resistant3 (ILR3)	n
AT5G08670	245715_s_at	Unknown protein	Oxidative stress	Mitochondrial ATP synthase beta-subunit	n

AT1G06700	260835_at	unknown protein	n	Serine/threonine protein kinase, putative	n
AT5G08530	250534_at	F4H5.21	n	51 kDa subunit of complex I (CI51)	n
AT5G10540	250441_at	F12B17.110	n	Peptidase M3 family protein / thimet oligopeptidase family protein	n
		KINESIN-LIKE			
AT5G65930	247115_at	CALMODULIN-BINDING PROTEIN	n	A novel member of the kinesin superfamily of motor proteins	n
AT3G18860	256657_at	MCB22.3	n	WD-40 repeat family protein;	n
AT2G16590	263268_at	F1P15.2	n	Putative TRAP protein	n
AT3G05530	259114_at	RPT5A	n	One of the six AAA-ATPases of the proteasome regulatory particle	n
AT3G60600	251338_at	ATVAP	n	Encodes VAP27 (for Vesicle-Associated Protein)	n
AT3G11130	256437_s_at	F11B9.30	n	Clathrin heavy chain, putative	n
AT5G62050	247460_at	ATOXA1	n	Essential factor for protein sorting and assembly into membranes	n
AT3G52880	252024_at	ATMDAR1	n	Encodes a peroxisomal monodehydroascorbate reductase	n
AT1G65720	262929_at	F1E22.9	n	Unknown protein	n
AT4G33670	253307_at	T16L1.160	n	Encodes a L-galactose dehydrogenase	n
AT5G16150	246508_at	GLT1	Cold	Putative plastidic glucose transporter	(Kaplan <i>et al.</i> 2005)
AT4G03560	255380_at	ATCCH1	n	Depolarization-activated Ca(2+) channel	n
AT4G35830	253135_at	F4B14.100	Salt	Aconitate hydratase, cytoplasmic / citrate hydro-lyase	(Jiang <i>et al.</i> 2007)
AT3G13340	257661_at	MDC11.14	n	WD-40 repeat family protein	n
AT4G21410	254410_at	F18E5.30	ABA	Protein kinase family protein	(Kreps <i>et al.</i> 2002)
AT3G04080	258567_at	APYRASE 1	Hypertonic		(Kim <i>et al.</i> 2009)

AT4G39010	252930_at	ATGH9B18	stress	Glycosyl hydrolase 9B18	n
AT4G35100	266533_s_at	PIP3A	Salt	A member of the plasma membrane intrinsic protein PIP	(Da Ines <i>et al.</i> 2008)
AT4G16830	245350_at	DL4440W	n	Nuclear RNA-binding protein	n
AT1G47420	262442_at	T3F24.12	Cold	Molecular_function unknown	(Bas <i>et al.</i> 2003)
