

Supplemental Table 1 A Partial List of Genes Involved in Arabidopsis Protein Quality Control.

Process involved	Gene name	Accession number	Reference
Chaperones	AtBiP1	At5g28540	Liu et al., 2007a
	AtBiP2	At5g42020	Liu et al., 2007a
	AtBiP3	At1g09080	Liu et al., 2007a
	SHEPHERD	At4g24190	Klein et al., 2006
Co-chaperones	AtJ1	At1g28210	Schlenstedt et al., 1995
	AtJ2	At5g22060	Schlenstedt et al., 1995
	AtJ3	At3g44110	Schlenstedt et al., 1995
	TMS1	At3g08970	Yang et al., 2009
N-glycosylation	AtDAD1	At1g32210	Gallois et al., 1997
	AtDAD2	At2g35520	Gallois et al., 1997
	AtSTT3A	At5g19690	Koiwa et al., 2003
	AtSTT3B	At1g34130	Koiwa et al., 2003
	DGL1-1	At5g66680	Lerouxel et al., 2005
	HAP6	At4g21150	Lerouxel et al., 2005
Dolichol biosynthesis	LEW1	At1g11755	Zhang et al., 2008
Disulfide bond formation	AtPDIL1-1	At1g21750,	Lu and Christopher, 2008
	AtPDIL1-2	At1g77510,	Lu and Christopher, 2008
	AtPDIL1-3	At3g54960	Lu and Christopher, 2008
	AtPDIL1-4	At5g60640	Lu and Christopher, 2008
	AtPDIL1-5	At1g52260	Lu and Christopher, 2008
	AtPDIL1-6	At3g16110	Lu and Christopher, 2008
	Aero1	At1g72280	Dixon et al., 2003
	Areo2	At2g38960	Dixon et al., 2003
Lectins	CRT1	At1g56340	Jia et al., 2009
	CRT2	At1g09210	Jia et al., 2009
	CNX1	At5g61790	Hong et al., 2008
	CNX2	At5g07340	Hong et al., 2008
	UGGT	At1g71220	Jin et al., 2007
Unfolded protein response	IRE1a	At2g17520,	Koizumi et al., 2001
	IRE1b	At5g24360	Koizumi et al., 2001
	AtbZIP17	At2g40950	Liu et al., 2007b
	AtbZIP28	At3g10800	Liu et al., 2007a
	AtbZIP60	At1g42990	Iwata et al., 2008
	AtS1P	At5g19660	Liu et al., 2007b
	AtS2P	At4g20310	Liu et al., 2007b
	AtNF-YA4	At2g34720	Liu and Howell, 2010
	AtNF-YB3	At4g14540	Liu and Howell, 2010
	AtNFYC2	At1g56170	Liu and Howell, 2010
Apoptosis	G α	At2g26300	Wang et al., 2007
	G β	At4g34460	Wang et al., 2007
	AtBAG4	At3g51780	Doukhanina et al., 2006
	AtBAG7	At5g62390	Williams et al., 2010
	AtBI1-1	At5g47120	Watanabe and Lam, 2008
	AtMC8	At1g16420	He et al., 2008