

Supplementary Table 1 ANAC078 target genes having the recognition sequence of ANAC078 in their promoter region.

AGI Code	Annotation
METABOLISM	
AT1G16410	CYP79F1 (Cytochrome P450 79F1)
AT1G23205	invertase/pectin methylesterase inhibitor family protein
AT1G24090	RNase H domain-containing protein
AT1G27940	PGP13 (P-Glycoprotein 13)
AT1G60590	polygalacturonase, putative / pectinase, putative
AT1G78390	NCED9 (Nine-cis-epoxycarotenoid dioxygenase 9)
AT2G32860	BGLU33 (Beta glucosidase 33)
AT3G02020	AK3 (Aspartate kinase 3)
AT3G20830	protein kinase family protein
AT4G23590	aminotransferase class I and II family protein
AT5G10100	trehalose-6-phosphate phosphatase, putative
AT5G10170	MIPS3 (<i>Myo</i> -inositol-1-phosphate synthase 3)
AT5G56350	pyruvate kinase, putative
AT5G66690	UGT72E2; UDP-glycosyltransferase/ coniferyl-alcohol glucosyltransferase
CELL RESCUE, DEFENSE AND VIRULENCE	
AT1G30870	cationic peroxidase, putative
AT4G36430	peroxidase, putative
ENERGY	
AT3G27690	LHCB2.3 (Photosystem II light harvesting complex gene 2.3); chlorophyll binding
SPLICING	
AT2G29210	splicing factor PWI domain-containing protein
SUBCELLULAR LOCALIZATION	
AT2G28780	hypothetical protein
AT2G28790	osmotin-like protein, putative
PROTEIN WITH BINDING FUNCTION OR COFACTOR REQUIREMENT	
AT3G28210	PMZ; zinc ion binding
AT3G53980	protease inhibitor/seed storage/lipid transfer protein (LTP) family protein
AT5G10230	ANN7 (Annexine Arabidopsis 7)
TRANSCRIPTION	
AT1G56650	PAP1 (Production of anthocyanin pigment 1)
AT1G62085	mitochondrial transcription termination factor family protein/mTERF family protein

AT1G73870	zinc finger (B-box type) family protein
AT2G47460	MYB12 (MYB domain protein 12)
AT3G01600	ANAC044 (Arabidopsis NAC domain containing protein 44)
AT5G58610	PHD finger transcription factor, putative

PROTEIN FATE (folding, modification, destination)

AT2G05840	PAA2 (20S Proteasome subunit PAA2)
AT2G27420	cysteine proteinase, putative
AT3G26340	20S proteasome beta subunit E, putative
AT3G48340	cysteine-type peptidase
AT3G51260	PAD1 (20s proteasome alpha subunit pad1)
AT4G29040	RPT2A (regulatory particle triple-A 2A); ATPase
AT4G38630	RPN10 (regulatory particle non-ATPase 10)
AT5G20000	26S proteasome AAA-ATPase subunit, putative

UNCLASSIFIED PROTEINS

AT1G10790	hypothetical protein
AT1G23830	hypothetical protein
AT1G49150	hypothetical protein
AT1G70440	SRO3 (Similar to RCD ONE 3);
AT2G20720	pentatricopeptide (PPR) repeat-containing protein
AT2G41040	methyltransferase-related
AT3G13330	binding
AT3G13980	hypothetical protein
AT3G26855	hypothetical protein
AT3G54500	hypothetical protein
AT3G58940	F-box family protein
AT3G59900	ARGOS (Auxin-regulated regulated gene involved in organ size)
AT4G15390	transferase family protein
AT5G05190	hypothetical protein
AT5G40800	hypothetical protein
