

Supplementary Material

Melatonin modulates the tolerance of plants to water stress: morphological response of the molecular mechanism

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Supplement Table S1. Abbreviation

Abbreviations	
AXR3	indole-3-acetic acid inducible 17
SAG12	senescence associated gene 12
SEN4	senescence 4
PAO	pheide a oxygenase
RBCS2	ribulose biphosphate carboxylase small subunit, chloroplastic 2
AREB	ABA-responsive element-binding protein
RopGAP4	RHO of plants, GTPase activating protein 4
OsP5CS	Oryza sativa, pyrroline-5-carboxylate synthetase
OsSUS7	Oryza sativa, sucrose synthase 7
OsSPS1	Oryza sativa, selenophosphate synthetase 1
SIPAO1	Solanum lycopersicum, polyamine a oxidase 1
SIRboh3/4	Solanum lycopersicum, respiratory burst oxidase homolog 3/4
Cu/Zn-SOD	copper/zinc superoxide dismutase
CBF/DREB1	cold-binding factor/dehydration responsive element binding 1
COR15A	cold-regulated 15a
RD22	bURP domain-containing protein 3-like
KIN1	kinesin heavy chain 1
TIR1	transport inhibitor response 1
AUX/IAA	auxin/indole-3-acetic acid
SAURS	small auxin up regulated
PP2C6	protein phosphatase 2C 6
PP2C7	protein phosphatase 2C 7
ABI1	ABA-insensitive 1
ABI5	ABA-insensitive 5
NCED3	nine-cis-epoxycarotenoid dioxygenase 3
CYP707A1	cytochrome P450, family 707, subfamily A, polypeptide 1
CYP707A2	cytochrome P450, family 707, subfamily A, polypeptide 2
IPT3	isopentenyltransferase 3
IPT5	isopentenyltransferase 5
AHK4	arabidopsishistidine kinase 4
GA20ox	gibberellin 20 oxidase
GA3ox	gibberellin 3 oxidase
EIN3	ethylene insensitive 3
AZF2	asparagine-rich zinc finger 2
PR1	pathogenesis-related gene 1
PDF1.2	plant defensin 1.2
ACS6	1-aminocyclopropane-1-carboxylic acid synthase 6
GST1	glutathione S-transferase 1
APX1	ascorbate peroxidase 1
VSP1	vegetative storage protein 1
DWARF4	cytochrome P450 90B2

D11	leucine zipper transcription factor
RAVL1	transcription factor for BRs synthesis