

Effect of 5-azacytidine induced DNA demethylation on abiotic stress tolerance in *Arabidopsis thaliana*

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Electronic supplementary material (ESM)

Table S1. Primers used for amplification of *Arabidopsis thaliana* cDNAs in real-time PCRs

cDNA	Primers, 5'→3'
<i>AtActin2</i> (NM_112764)	GATTCAGATGCCCAGAAGTC TACCGTACAGATCCTTCCTG
<i>AtGAPDH</i> (NM_111283)	TTGGTGACAACAGGTCAAGCA AAACTTGTCGCTCAATGCAAT
<i>AtABA1</i> (NM_180954)	GCT ATG AAG GTG ATC TGC TTG TGG TTC ATA CCA TTT GGA GCA TCA GC
<i>AtABA2</i> (AY082345)	ATT GAT CAC TGG AGG AGC CAC AG ATT ACG AAT ATC AGG GCA CGG TG
<i>AtABI1</i> (AY142623)	AGC TGC TGA TAT AGT CGT CGT TGA TA GAG GAT CAA ACC GAC CAT CTA ACA
<i>AtABI2</i> (NM_001345230)	GTT CTT GTT CTG GCG ACG GAG C CCA TTA GTG ACT CGA CCA TCA AG
<i>AtABI3</i> (NM_113376)	CAC AGC CAG AGT TCC TTC CTT TAC T TAG TTG CTG AGG AAC ACA AAC GG
<i>AtABI4</i> (NM_129580)	ACA AGA TTT CTG ACA TCG AGC TCA C ATC CAT CTC CAA CCA TAT AAC CCG
<i>AtABI5</i> (NM_001336591)	AGA GGG ATA GCG AAC GAG TCT AGT C GTT CGG GTT TGG ATT AGG TTT AGG
<i>AtABF3</i> (NM_001036708)	CAA CAT CAG CAA TGG TAA TAG TGG A CGT CCG AGG CAA GGT AAG TG
<i>AtCAT1</i> (NM_101914)	AGC GCT TTC GGA GCC TCG TG GGC CTC ACG TTA AGA CGA GTT GC

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cDNA	Primers, 5'→3'
<i>AtCBF1</i> (NM_118681)	GTT TGG GAT GCC GAC TTT GTT ACC ATC TCC TTC GCC GTC AT
<i>AtCOR15</i> (NM_001202804)	AAC TCT GCC GCC TTG TTT GC AGT CGT TGA TCT ACG CCG CTA A
<i>AtCOR47</i> (NM_101894)	GAA AAG CTT CAC CGA TCC AA TAC CGG GAT GGT AGT GGA AA
<i>AtCSD1</i> (NM_100757)	GTT GGT AGG GCT GTT GTT GTC TGG ACC TCC TTA TTA CAT CAA
<i>AtCSD2</i> (NM_128379)	TTA GTC TGA CCA CTG GAA ACG C GGA TGC TAA ATA AAC CAA AAT GTA
<i>AtDREB1A</i> (NM_118680)	TGC GTT GGC GTT TCA GGA TG CAA ACT CGG CAT CTC AAA CAT CG
<i>AtDREB2A</i> (NM_120623)	CTG GAG AAT GGT GCG GAA GA CAG ATA GCG AAT CCT GCT GTT GT
<i>AtKIN1</i> AY114587	CCA ACA AGA ATG CCT TCC AAG C GCT GCC GCA TCC GAT ACA CT
<i>AtLEA</i> (NM_127721)	GAG CAT CTT CGT CGG TCT GGA CTC GTG AGG TTG GTC GGT AGT G
<i>AtLtp3</i> (NM_125323)	TTT CGC TTT GAG GTT CTT C TGG AAT GCT AAC ACC GC
<i>AtNHX1</i> (NM_122597)	CCG TGC ATT ACT ACT GGA GAC AAT GTA CAA AGC CAC GAC CTC CAA
<i>AtP5CS</i> (NM_001125374)	AGC AGC CTG TAA TGC GAT GG AAG TGA CGC CTT TGG TTT GC
<i>AtRab18</i> (NM_126038)	GCA GTA TGA CGA GTA CGG AAA TCC CCT TGT CCA TCA TCC GAG CTA GA
<i>AtRD22</i> (NM_122472)	CAT GAG TCT CCG GGA GGA AGT G CGG CTG GGG TAA AGA AGT TGT C
<i>AtRD26</i> (NM_118875)	GAT GTG AAG TTA CTG ATG GGT GAA GCG AGC CAA GTC ACA AGG AG
<i>AtRD29A</i> (NM_124610)	ATC ACT TGG CTC CAC TGT TGT TC ACA AAA CAC ACA TAA ACA TCC AAA G
<i>AtRD29B</i> (NM_124609)	GGA ATC CGA AAA CCC CAT AGT C GGA GTG AAG GAG ACG CAA CAA G
<i>AtSOS1</i> (NM_126259)	TCG TTT CAG CCA AAT CAG AAA GT TTT GCC TTG TGC TGC TTT CC