

Phosphorylation of p23-1 co-chaperone by protein kinase CK2 affects root development in *Arabidopsis*

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Supplementary information

Quantitative Real Time PCR

HSP90.2	ACTCACCGTGCTGTCTTGTA
HSP90.2	GAGGAGAAGCACAAGGTCCT
CK2A1	GTTACTGTGCGCCGTCTTAG
CK2A1	AACCGGAAACTTCCGAGACA
CK2A2	TCTTCGACGGTACCTGTTGTT
CK2A2	TCAACGGTTCCGGTGTGAC
CK2A3	TCTCGTTGTTCAATGGGGTCA
CK2A3	ACGCAACGCTCATTGATTG
CK2A1	TGATCCACAACCTGGAAGCACT
CK2A1	ATCAATCGCCTCGGGTGAAG
CK2A2	TGACAACCAGGATCAGCTCG
CK2A2	AGGCTTCCTGCTATGTCTCC
CK2A3	GGTCTCACCTGAGGCAATTGAT
CK2A3	TGCTCTCTGCGGCTTTAACT
ACT2	CATTCCAGCAGATGTGGATCTC
ACT2	ACCCAGCTTTTTAAGCCTTTG

Cloning

At3g03773	CATGCATATGAGTCGTAATCCGGAGGTTCTT
At3g03773	CATGCATATGCTACTTGTCTTGCCTTTTCCA
At4g02450	CATGCATATGATGAGTCGTATCCTGA
At4g02450	CATGCTCGAGTCACTTGTCTTCTTAAC

Point mutagenesis

At4g02450	GGAAGAGTTTGAAGACGCTGATGATGAAGAAG	point mutation S ->A
At4g02450	GGAAGAGTTTGAAGACGAGGATGATGAAGAAG	point mutation A -> E or S -> E