



Supplementary Materials

Involvement of the Calmodulin-like Protein Gene *VaCML92* in Grapevine Abiotic Stress Response and Stilbene Production

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Table S1. Primers used for amplification of *Arabidopsis thaliana* and *Vitis amurensis* cDNAs in PCR.

cDNA	Primers names	Primers sequences, 5'-3'
Primers for obtaining of the full <i>VaCML92</i> cDNA and generation the construction for plant cell transformation		
Full <i>VaCML92</i> cDNA obtaining	<i>VaCML92</i> -nachS <i>VaCML92</i> -KonA	5'ATGAGAAGAGAAGATACAGCA, 5'CTAGCGCATCATAGCGGA
Overexpression of <i>VaCML92</i>	<i>VaCML92</i> -Hind-pSA Ts <i>VaCML92</i> -Bam-pSA Ta	5'GCTCAAGCTTATGAGAAGAGAAGAT ACAGC 5'TCGAGGATCCCTAGCGCATCATAGC GGAGA
Primers for real-time PCRs in <i>A. thaliana</i> plants and grapevine <i>V. amurensis</i> cell cultures		
Overexpression of <i>VaCML92</i> transgenes	<i>VaCML92</i> -real-S pSAT-term-A	5'AACGGAGATGGCGTCCTC, 5'GAGAGACTGGTGATTTTTGCG
Total overexpression of <i>VaCML92</i> gene	<i>VaCML92</i> -real-S <i>VaCML92</i> -Kon-A	5'AACGGAGATGGCGTCCTC, 5'CTAGCGCATCATAGCGGA
Overexpression of <i>VaCML92</i> endogen	<i>VaCML92</i> -real-S <i>VaCML92</i> -real-endo-A	5'AACGGAGATGGCGTCCTC, 5'TGGCTGTGGGTGATGAAGAAG
<i>VaActin1</i> (DQ517935)	<i>VaActin</i> -realS <i>VaActin</i> -realA	5'GTATTGTGCTGGATTCTGGTGA, 5'GCAAGGTCAAGACGAAGGATAG
<i>VaGAPDH</i> (AM437491)	<i>VaGAPDH</i> -realS <i>VaGAPDH</i> -realA	5'CACTGAAGATGATGTTGTTTCC, 5'GCTATTCCAGCCTTGGCAT
<i>AtEF</i> (XM_002864638)	<i>AtEF</i> -1a-OT-s <i>AtEF</i> -1a-OT-a	5'TGCCCTGGACATCGTGATT, 5'CTTGGGCTCGTTGATCTGGT
<i>AtGAPDH</i> (NM_111283.4)	<i>AtGapdh</i> -Real-s <i>AtGapdh</i> -Real-a	5'TTGGTGACAACAGGTCAAGCA, 5'AAACTTGTCGCTCAATGCAAT
Primers for semiquantitative RT-PCR		
<i>nptII</i> (AY818371)	NPTII-SER-S NPTII-KON-A	5'ATTGACCACCAAGCGAAAC, 5'TCAGAAGAACTCGTCAAGAA
<i>VirB2</i> (KY000054)	VIRB2-S VIRB2-A	5'ATGCGATGCTTTGAAAGATACCG, 5'TTAGCCACCTCCAGTCAGCG