

**Table S1. Primers used for genes isolation.**

Gene	Methods used	Primer (5'-3')
<i>EVM0031008</i>	SK vector construction (FP)	AGGACAGCCCAAGCTGAGCTC ATGCAAGATATACATTCAATTGG
<i>EVM0031008</i>	SK vector construction (RP)	TTCCTGCAGCCCCGGGGGATCC TTAGGGGGGATACAGAGAGTTAT C
<i>EVM0019694</i>	SK vector construction (FP)	AGGACAGCCCAAGCTGAGCTC ATGTATGATCCGACGATGCAGTG
<i>EVM0019694</i>	SK vector construction (RP)	TTCCTGCAGCCCCGGGGGATCC TCAGATTTTCATAGGCCGACTGATC
<i>EVM0011284</i>	SK vector construction (FP)	AGGACAGCCCAAGCTGAGCTC ATGGTTTTTTCATCCATTCCAGC
<i>EVM0011284</i>	SK vector construction (RP)	TTCCTGCAGCCCCGGGGGATCC TCATAAGGGAGTACTAGTGGAAG
<i>EVM0025419</i>	SK vector construction (FP)	AGGACAGCCCAAGCTGAGCTC ATGCTGGGAAACTGTGAGAAGAT G
<i>EVM0025419</i>	SK vector construction (RP)	TTCCTGCAGCCCCGGGGGATCC CTAGATCAGAGAAGGGACAGAAG
<i>EVM0003933</i>	SK vector construction (FP)	AGGACAGCCCAAGCTGAGCTC ATGGGTTTGAGCAAGAGACAGG
<i>EVM0003933</i>	SK vector construction (RP)	TTCCTGCAGCCCCGGGGGATCC TTAGGCTTTATGATGATCCCATG
<i>EVM0024406</i>	SK vector construction (FP)	AGGACAGCCCAAGCTGAGCTC ATGGTTTTCCCATCCATTCCGG
<i>EVM0024406</i>	SK vector construction (RP)	TTCCTGCAGCCCCGGGGGATCCTTA CAAAAGATGGCTGGCGGAAG
<i>EVM0012621</i>	SK vector construction (FP)	AGGACAGCCCAAGCTGAGCTC ATGGGTCTCACTTCTCTGCAAG
<i>EVM0012621</i>	SK vector construction (RP)	TTCCTGCAGCCCCGGGGGATCC TTAGACTAATGGGTTTGTGTGG

**Table S2. Primers used for real-time PCR analysis.**

Gene	Methods used	Primer (5'-3')
<i>EVM0010227</i>	Q-PCR (FP)	GAAATGATCAGTATTGGAGT
<i>EVM0010227</i>	Q-PCR (RP)	AATTAAGGTCACACTACCAG
<i>EVM0012621</i>	Q-PCR (FP)	AAAGACTCTTTTGGGTACAT

<b><i>EVM0012621</i></b>	Q-PCR (RP)	TAGCTAGGTTTCTTGATGAT
<b><i>EVM0031008</i></b>	Q-PCR (FP)	GACCTCAGCGTCGGCATTAT
<b><i>EVM0031008</i></b>	Q-PCR (RP)	GGTCAGCGGATGAGGATGTC
<b><i>EVM0019215</i></b>	Q-PCR (FP)	TACAGCAGCCGAACCATCAA
<b><i>EVM0019215</i></b>	Q-PCR (RP)	ACCTGCCTCCGGTTGAGGTA
<b><i>EVM0018174</i></b>	Q-PCR (FP)	GCTGCAGGAGGTACTGGACT
<b><i>EVM0018174</i></b>	Q-PCR (RP)	TGTCCCAGCAGGACTACTTG
<b><i>EVM0018852</i></b>	Q-PCR (FP)	ATCTTGCTATTTCCACACCT
<b><i>EVM0018852</i></b>	Q-PCR (RP)	TAACATTGAAGAAGATGGTG
<b><i>EVM0006513</i></b>	Q-PCR (FP)	TTCCACAGCCACCATTAACC
<b><i>EVM0006513</i></b>	Q-PCR (RP)	TAGTCCAGTACCGGCGGCAA
<b><i>EVM0023131</i></b>	Q-PCR (FP)	AGGTATTTTTTGCAAGACCTG
<b><i>EVM0023131</i></b>	Q-PCR (RP)	GAGCAACAGACAGATTACCA
<b><i>EVM0003933</i></b>	Q-PCR (FP)	GATCATCATAAAGCCTAAAC
<b><i>EVM0003933</i></b>	Q-PCR (RP)	AAATGCAGAGACATACACAC
<b><i>EVM0006830</i></b>	Q-PCR (FP)	TCATATCTCTGAAACCTCTC
<b><i>EVM0006830</i></b>	Q-PCR (RP)	TCCCGTTCTCAGTACATAAT
<b><i>EVM0011284</i></b>	Q-PCR (FP)	AGAAAGCAGTCAAATCCGGC
<b><i>EVM0011284</i></b>	Q-PCR (RP)	TGATGTTCGGTTGCTGGGAT
<b><i>EVM0030794</i></b>	Q-PCR (FP)	CTGCAAGGCGTTCATCAAGA
<b><i>EVM0030794</i></b>	Q-PCR (RP)	ATGATCCTCCACCCAGCATC
<b><i>EVM0010646</i></b>	Q-PCR (FP)	GAGAATGGTGGAGGGATGGT
<b><i>EVM0010646</i></b>	Q-PCR (RP)	CCAGATGAATTCCCTTGTCCT
<b><i>EVM0024406</i></b>	Q-PCR (FP)	CTTCGGGTCAGCTTGATCA
<b><i>EVM0024406</i></b>	Q-PCR (RP)	TTACAAAAGATGGCTGGCGG

<b><i>EVM0032109</i></b>	Q-PCR (FP)	GGAAGTGGTGGGTATGGGAA
<b><i>EVM0032109</i></b>	Q-PCR (RP)	ACGAATCAGGTCCTTGCTGA
<b><i>EVM0024362</i></b>	Q-PCR (FP)	TGGAAACTTGGGGCATTGG
<b><i>EVM0024362</i></b>	Q-PCR (RP)	TCCGCCAATCTCTCCATCTC
<b><i>EVM0012375</i></b>	Q-PCR (FP)	ATTGAGGAAGGACAGTGCA
<b><i>EVM0012375</i></b>	Q-PCR (RP)	CGCTGTACTGGTTCAAGTCG
<b><i>EVM0025419</i></b>	Q-PCR (FP)	AGGAGGCGAAAATGGAGGAA
<b><i>EVM0025419</i></b>	Q-PCR (RP)	TCAGAGAAGGGACAGAAGGC
<b><i>EVM0019694</i></b>	Q-PCR (FP)	CTGATCCTGCAAATTGGCCA
<b><i>EVM0019694</i></b>	Q-PCR (RP)	TGATCGAACCAGCTCCAAC
<b><i>EVM0017946</i></b>	Q-PCR (FP)	AAGAGCCACCAGAGCCTAAG
<b><i>EVM0017946</i></b>	Q-PCR (RP)	TTTTCGTCACCCTTCGCTTG
<b><i>EVM0021130</i></b>	Q-PCR (FP)	GGGAGCTGTGTTTGGATTCC
<b><i>EVM0021130</i></b>	Q-PCR (RP)	GTATCTTCGCTCGTCACCCT
<b><i>EVM0003048</i></b>	Q-PCR (FP)	CAAGGGCTTCCAATCCAAGG
<b><i>EVM0003048</i></b>	Q-PCR (RP)	GGCCCTTTCCTGAAAAGTGA
<b><i>EVM0014393</i></b>	Q-PCR (FP)	ATGGTGGTGTTCAGAGGGT
<b><i>EVM0014393</i></b>	Q-PCR (RP)	CCCAGCATTCCAGTCCAGTA
<b><i>EVM0009852</i></b>	Q-PCR (FP)	AGTGGACATGGCAAGCTACT
<b><i>EVM0009852</i></b>	Q-PCR (RP)	ACCTCAGTATCATCCCAAGGC
<b><i>EVM0028901</i></b>	Q-PCR (FP)	AAGAGAAAGCTGGAATAATG
<b><i>EVM0028901</i></b>	Q-PCR (RP)	CCAAAAAAGGGATTTAAGTT
<b><i>EVM0011028</i></b>	Q-PCR (FP)	GAGACTGCTCGGCTGAAGAT
<b><i>EVM0011028</i></b>	Q-PCR (RP)	GCTTCCGAATTTTCAGAAGA
<b><i>EVM0026245</i></b>	Q-PCR (FP)	ATGGCGGATGTTGAAGATGG

<i>EVM0026245</i>	Q-PCR (RP)	CAAAACTTGGTTTCCATGCT
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**Table S3. Primers used for pGEX-4T-1 vector construction.**

Gene	Methods used	Primer (5'-3')
<i>EVM0011284</i>	pGEX-4T-1 vector construction (FP)	GGATCTGGTTCCGCGTGGATCCATGG TTTTTTCATCCATTCCAGCTTATC
<i>EVM0011284</i>	pGEX-4T-1 vector construction (RP)	CGATGCGGCCGCTCGAGTCGACTCAT AAGGGAGTACTAGTGGAAGAAGAG
<i>EVM0024406</i>	pGEX-4T-1 vector construction (FP)	GGATCTGGTTCCGCGTGGATCCATGG TTTTCCCATCCATTCCGGTCTATC
<i>EVM0024406</i>	pGEX-4T-1 vector construction (RP)	CGATGCGGCCGCTCGAGTCGACTTAC AAAAGATGGCTGGCGGAAGAAGAA

**Table S4. Sequences of the probes used for EMSA.**

Promoter	Position	Sequence (5'-3')
<i>DkADH1</i>	P1	ACAAGAAAT <u>TAAAG</u> TTTAGTGATTAAA
<i>DkADH1</i>	P2	GTAGGCACACATCTTTACTTTTCCTTCCTCTGT
<i>DkADH1</i>	P3	TTAGATTAACCTTTTAATTAGAATGATAATT
<i>DkADH1</i>	P4	TACTCCAAC <u>TTT</u> ACTCTCCCCTCTTTATCTTCC
<i>DkADH1</i>	P5	TATTATATA <u>TAAAG</u> AAAGTTCTGAGGAAAAAGAAAA TTAAG
<i>DkPDC2</i>	P1	AGGTGTACTTATA <u>AAAAG</u> AGTCTGGAATGAT
<i>DkPDC2</i>	P2	ATAAGTTAAAT <u>TAAAG</u> AATTATACTATGAAG
<i>DkPDC2</i>	P3	AAATATTATATTGT <u>TAAAG</u> CAATGTAATAAATTA G