

Figure S1

Primers used for quantitative real-time PCR.

MSMEG_5700F (5'-CCTTTTGGCTCCTTGGGGTG-3')

MSMEG_5700R (5'-GTCCACTCATAAGCGTCGAGG-3')

MSMEG_5439BF (5'-CACAAGACCGTGACCCTCTC-3')

MSMEG_5439BR (5'-GCGATCAGAAACCTCGAAGCC-3')

MSMEG_4643F (5'-CCTTTCGTGCCTGACCGAGA-3')

MSMEG_4643R (5'-GATGTTCTTCACTTCGTTCTTTC-3')

MSMEG_4640F (5'-GCATGGCCGAAGTGCGGTG-3')

MSMEG_4640R (5'-CAGGTCCAGGATGCCAGG-3')

Primers used for cloning

Name	Sequence 5' - 3'	Enzyme
Up pMind-Ac	<u>CGGATCCTGCAGCAGCTCGTCACTCAC</u> CACA	<i>Bam</i> HI
Low pMind-Ac	<u>CACTAGTGCGGGGCAACGACGAGCTG</u> ACGGT	<i>Spe</i> I
Up Δ ac/L	<u>CGGATCCC</u> GGCCCAGCGCCTTGAGA	<i>Bam</i> HI
Low Δ ac/L	<u>GAAAGCTTACCGGTCGAGGTAGGAGA</u> TGA	<i>Hind</i> III
Up Δ ac/R	<u>CAAGCTT</u> GCGCGAGGCGCTGGGAGAC T	<i>Hind</i> III
Low Δ ac/R	<u>GTCTAGAGGTGCATGTTGGCTGCGGGC</u> TTGAT	<i>Xba</i> I