

**Table S1 Primers used for amplification of target genes.**

Primer Name	Sequence (5'-3')
PhR322F	GATCCACGTCGGTACCCGGGGGATC
PhR322R	GATCGCGATCGCAAGCTTGCAAATTAAGCC
RAP1f	TTAAGCGGCCGCATACGCAACCGCCCTACATAA
RAP1r	TCTACATATGCGTGAATCAGTGAAATAAAGG
SOK2f	TTAAGCGGCCGCTATAACCCTGGTAAGGCCTT
SOK2r	TCTACATATGGGCGGTAGGGTTTTGATTAA