

Table 1 Primers and sequences

Primer	Function	Primer sequence(5'-3')
AQP-F1	PCR	CAGCGAGATGGTCGAAGGAGAG
AQP-R1		AAGGAGGGTCAGGCAGAAGAGG
AQP-F2		CTGCTTCGAGCTCATCATCATC
AQP-R2		GCGTTCGGTTTTCGTTTCACTGT
3'R1	3'RACE	CTTTGCCACCTCCATGTGATCCTC
3'R2		ATCGTGGGCTTCTTCATCGAGGCG
5'F1	5'RACE	AGCATCCACAGCCGTTACCCA
5'F2		CGATGGCGGAGGCAAACCTTAGGC
M13-F1	Universal primer	CGCCAGGGTTTTCCCAGTCACGAC
M13-R1		AGCGGATAACAATTTACACAGGA
UPM	RACE	TGAGACGCAACTATGGTGACGAAC GGGATATCACTCAGCATAATC CTAATACGACTCACTATAGGGC
NUP	RT-PCR	CGCTGCTCACCTGTGCCTGT
QAQP-R		GTGCTCGGCGTTGGTGTGGCCGCGG
QAQP-F		AACATCTAAGGGCATCATCACAGA
18S-F		TCCAGTTCGCAGCTTCTTCTT
18S-R		