

Supplementary Table S1: Primers used in the study

Primer name	Sequence	Tm
<i>ubq</i>	F: GCGTGGTGGCATCATTGAGC	60.5
	R: CTTCTTCTTGCGGCAGTTGACAG	59.0
<i>rsp4</i>	F: CAACATCTTCGTCATCGGCAAGG	58.8
	R: ATTGAACCAGCCTCAGTGTTTAGC	57.5
<i>aqp1</i>	F: AGGCTGTGGAATCAATCCCG	57.9
	R: GTATGGACACGTGCATTGGC	57.2
<i>aqp4</i>	F: CAGCCGACCTGGTCCTTATC	58.2
	R: CATTGCAGGCCCAAAGGAAC	57.6
<i>aqp8</i>	F: AGAACGCTACCACAATGCCA	57.0
	R: AGTAGTTGGTCATCACGGCG	57.6
<i>aqp10</i>	F: GATCAGAAACCGGCTGGTCA	57.7
	R: TCAGAGAAACGGCAGGGTTC	57.6
<i>aqp11</i>	F: GTACCGCTCGAGGATAACGG	58.0
	R: CTGCATAAACCACCGATGCG	57.2
<i>aqp12</i>	F: TGCGCACTCATCTTTCACCT	58.0
	R: AAGAGGAGAGCCAGGGTCAT	58.0