Table S1 Primers used in this study

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| Primer names | Primer sequences (5’-3’) | Purpose |
| AaAQP1-FAaAQP1-R | GTGTTCGTGCCTTGGTCTAGTTGCCAGGTCTTCAGTCTTACCGTCT | ORF cloning |
| AaAQP2-FAaAQP2-R | CTGCGGTCGGATTCTGTCAAATATGCGGAACACGAACCTGTAGAGTAG |
| AaAQP3-FAaAQP3-R | GCTAACTACATCGAGAACACCCAGACAATAGGATTTCAATGCCAACAG |
| AaAQP4-FAaAQP4-R | ACATCCTCCTCGTCCTATCATCAGCTTTAGGGGTAGAAATCGTGCT |
| AaAQP5-FAaAQP5-R | TACAGGCAGTGTTATGGGGAAGAACTTGTAGAATATGGCCGGAATG |
| AaAQP6-FAaAQP6-R | ACGGATTACGCTGTGGATGAGATCGGGAGATTTGTCGGAAACACTA |
| AaAQP1-FAaAQP1-R | TCAGGCGGACATATCAACCCCAGGACGAATCCAAGGAAGAAT | RT-qPCR |
| AaAQP2-FAaAQP2-R | ACGGATTACGCTGTGGATGAGGCAAGTCACTGCTGGGTTTATG |
| AaAQP3-FAaAQP3-R | AGGCAGTGTTATGGGGAAGAAACCTCCAATGGTAAGGGCAT |
| AaAQP4-FAaAQP4-R | CAGCGACGATGTTCCTGATTCCTTCTCCACCCATGTCAACT |
| AaAQP5-FAaAQP5-R | GTAGGCTTCGGCTTATTGTCCGGCACGGTCGGGTTTGTC |
| AaAQP6-FAaAQP6-R | GCTGGTGGCGGAGTTGATTGACGAGCACGACGAAGC |
| *β-actin*-F | TACTCCGTATGGATCGGTGGATC |
| *β-actin*-R | TTAGAAGCACTTGCGGTGGAC |