Table S1 Primers used in this study

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| Primer names | Primer sequences (5’-3’) | Purpose |
| AaAQP1-F  AaAQP1-R | GTGTTCGTGCCTTGGTCTAGTTG  CCAGGTCTTCAGTCTTACCGTCT | ORF cloning |
| AaAQP2-F  AaAQP2-R | CTGCGGTCGGATTCTGTCAAATA  TGCGGAACACGAACCTGTAGAGTAG |
| AaAQP3-F  AaAQP3-R | GCTAACTACATCGAGAACACCCA  GACAATAGGATTTCAATGCCAACAG |
| AaAQP4-F  AaAQP4-R | ACATCCTCCTCGTCCTATCATCA  GCTTTAGGGGTAGAAATCGTGCT |
| AaAQP5-F  AaAQP5-R | TACAGGCAGTGTTATGGGGAAGA  ACTTGTAGAATATGGCCGGAATG |
| AaAQP6-F  AaAQP6-R | ACGGATTACGCTGTGGATGAGAT  CGGGAGATTTGTCGGAAACACTA |
| AaAQP1-F  AaAQP1-R | TCAGGCGGACATATCAACCC  CAGGACGAATCCAAGGAAGAAT | RT-qPCR |
| AaAQP2-F  AaAQP2-R | ACGGATTACGCTGTGGATGAG  GCAAGTCACTGCTGGGTTTATG |
| AaAQP3-F  AaAQP3-R | AGGCAGTGTTATGGGGAAGAA  ACCTCCAATGGTAAGGGCAT |
| AaAQP4-F  AaAQP4-R | CAGCGACGATGTTCCTGATT  CCTTCTCCACCCATGTCAACT |
| AaAQP5-F  AaAQP5-R | GTAGGCTTCGGCTTATTGTCC  GGCACGGTCGGGTTTGTC |
| AaAQP6-F  AaAQP6-R | GCTGGTGGCGGAGTTGAT  TGACGAGCACGACGAAGC |
| *β-actin*-F | TACTCCGTATGGATCGGTGGATC |
| *β-actin*-R | TTAGAAGCACTTGCGGTGGAC |