

Oligonucleotide primers used for RT-PCR analysis

Nucleic acid sequences for primers specific for each zebrafish aquaporin mRNA, *bactin1*, and expected size product.

Transcript	GenBank accession number/Ensembl gene ID	Primer sequence 5'-3' (forward/reverse)	PCR size product
<i>draqp0a</i>	FJ666326	TCATCCCTCTGCATTGCTTCTG/ TGCCTCTGGAAGTGTGTGTGTG	816
<i>draqp0b</i>	FJ655389	CGGTTTTGAATTTAGTTGG/ GCGTCGCAGGAGGTTTATT	914
<i>draqp1a</i>	AY626937	GGGATGTGGAATCAATCCTG/ TGAGGTACATACTGATTCGCTGA	455
<i>draqp1b</i>	EU327345	GCCGTTGTCCTCGAGTCTTTT/ CGCTTCGGGGTTTCGATTAGT	196
<i>draqp3a</i>	EU341833	AGGCCTTCACAGTGGGATTCAG/ TGAGGGCTGATGGAGATCCTG	339
<i>draqp3b</i>	EU341832	TTTGGACAAGGTTCTCTTGATG/ TCAGAAACGGCAGATAGTTTGA	497
<i>draqp4</i>	FJ666327	CGCCGACCTTGTCTCATCT/ ATAGCCAGTGCTGCCGAACC	378
<i>draqp5/1</i>	ENSDARG00000038202	CCCACTGCATGTTTCTTTGG/ GGAAACAGTTAATGCACATTTGG	280
<i>draqp7</i>	FJ655385	GCACTGTTGCACAAGTGGTT/ ATTACCCCGCAGAAATGAT	281
<i>draqp8aa</i>	FJ655386	GCTGCCACTATGGCTGAGATGA/ AAAAGCTTGCAATCCTCTTCA	349
<i>draqp8ab</i>	EU341834	GAGCTGCATTTGCTGTTCTG/ GTGCAGGTCCAAAAGCTCTC	231
<i>draqp8b</i>	FJ695516	GCTGATGGGTTGTTTGTGTG/ CAAGCAGACCTCCAGAGACC	224
<i>draqp9a</i>	FJ655387	CGGGATCCTGTCAGTGACGG/ TCGATTTGTCCTTCACGCTGC	501
<i>draqp9b</i>	EU341835	TCAATGGCACTAAACTGTGGA/ CCATACATTCCCTCACGGTCT	286
<i>draqp10a</i>	FJ655388	TGCAGACCAATTTCTGGATCA/ AACGCGGGGAAATAAATCTG	503
<i>draqp10b</i>	EU341836	CGGTTGCCCTGCAGTATTAT/ CCAATGCAAGAACACACACC	182
<i>draqp11b</i>	BC095775	CCCAGCACTGGCATTCTCTA/ AATCAGGGGGAATCAGGAAC	682
<i>draqp12</i>	BC095564	CTGGCCTATGCAGTGACCTTC/ TGTCAGTGTGTTCTGTGTTCTGTG	235
<i>drbactin1</i>	NM_131031	ACATGGAGAAGATCTGGC/ GCATACAGGTCCTTACGGA	643