

Table S1: Primer and probe sequences

Primer name	Designed from	Forward	Reverse	Hybridization probe
<i>S.salar</i> alpha globin	Genbank X97289	TCTGGGGCAAGATTAAGGA	GCTGCAAGGAATTTATCCACA	CACCCATGATGACGGCTCCATGCTTCTTGACTGGGGCAGA
<i>S.salar</i> beta globin	Genbank X97289	GCTGAATGCATCACCGTGT	ACAACGACAGCCAGGAACCT	CTGAATATCAGCACTGAAAACGGCGGGACCGAGCTTGGCG
<i>S.salar</i> non-Bohr beta globin	Genbank X97289	ACGCTGAGAAGAGCACCATC	GGCTGCGACAACCACTTT	CATCTCCGAAAGAGCCGAAATAACGCTGAGTCCAGGGGTA
<i>O. mykiss</i> embryonic alpha	Genbank AB015448	AGTTGAAGCAAAAATGAGTCTCTCCGCTAAGGACAAGGC	TGTCTTGGTCTGGGGGTACA	
<i>O. mykiss</i> embryonic beta globin	Genbank AB015450	GCAACATGGTTTCAGTGGACAGACTTTGAGCGCGCCAC	GGGTCCAGGGGTACACAAC	
Ssa10067BSFU	S0055H05	ACAGCCTCAGACACCATTAC	ACACACGATCAACCCATATT	
Ssa10051BSFU	S0155C07	CAACCCTTATCCCTCTACCT	CAACCCTTATCCCTCTACCT	

^a ~40-mer forward primers were also used as hybridization probes.