

Table S1. Primer sequences and accession codes.

Official gene name (alias); gene product	Organ- ism ^a	NCBI acc. no. of seq. used for annotation ^a	Sense, antisense primer (5'→3')
SIGLEC1 (sialoadhesin); sialic acid-binding Ig-like lectin 1	<i>Cm</i>	XM_021564472 (<i>Om</i>)	ACACCTGGTACAAGAAGAAGTAAT, GCTTTTGTTGAGGCTACAGTCTT
	<i>Om</i>	XM_021564472 (<i>Om</i>)	CCTCCGTGTTTGTAATGTTTCAG, CTTTTGGTGAGATGACAGTCTTTT
	<i>Sl</i>	XM_028564630 (<i>Pf</i>)	CTCTCCTTCAGTGTGTGTCCAA, CACGACGGAACCAGAGTTTTGA
CD22 (SIGLEC2); sialic acid-binding Ig-like lectin 2	<i>Cm</i>	XM_021620093 (<i>Om</i>)	TTTATTACAGATTTGCCTCCAGT, GGATTCTCCTGCAGTTGGTTCT
	<i>Om</i>	FR912501 (<i>Om</i>)	GACGAGATTTGAATGCCACAATG, GGGTTTTCTTTAATCCCACTCC
	<i>Sl</i>	XM_028581436 (<i>Pf</i>)	GAATGTAGAACATCCTGCCAACT, AACGGGGGATACTGAACATCCA
MAG (SIGLEC4); myelin- associated glycoprotein	<i>Cm</i>	XM_014200664 (<i>Ss</i>)	CACTGTGGAATACGCCCCTGT, TGTAGTGGCCTTCCGTGTCGT
	<i>Om</i>	XM_014200664 (<i>Ss</i>)	MAGa: GTCCGGTATCCGGCCACACC, AGCAGGGTGCAGTTCCTTTGTT
	<i>Sl</i>	XM_028580080 (<i>Pf</i>)	MAGb: AGTATGCCCCTCGCTCGGTGT, AGCTGCTCCTGGTCCCCAAAT ACTGTGACTTTTATCCAAAGATCC, TGCTGTTGACTGTGTGGTGTGA
SIGLEC15 (CD33L3); sialic acid-binding Ig-like lectin 15	<i>Cm</i>	XM_021618058 (<i>Om</i>)	AGTGGAAGCTGCCCCACGGAT, GGAGAGGGGAGAGATGTCGG
	<i>Om</i>	XM_021618058 (<i>Om</i>)	CCTCCGTGTTTGTAATGTTTCAG, CTTTTGGTGAGATGACAGTCTTTT
	<i>Sl</i>	MF377634 (<i>Of</i>)	AGATTGGAGGGCCGATGTTGTA, TTTCCAAGACCTGCGTGCTATC
LYN; tyrosine-protein kinase type Lyn	<i>Cm</i>	XM_021613293 (<i>Om</i>)	TTGAAGAGTAAGGTGAATGGTGG, GTGCCAAAAGTTGTCTCTCTGC

PTPN6 (SHP1); tyrosine-protein phosphatase non-receptor type 6	<i>Cm</i>	XM_031786056 (<i>Ok</i>)	ACGAGGGAGACAAGAAGACCAA, GTCTCATCAAAGGGAAGGATGTT
PTPN11 (SHP2); tyrosine-protein phosphatase non-receptor type 11	<i>Cm</i>	XM_021602892 (<i>Om</i>)	CTATACAGCCGCAAGGAGGGA, CAACTCCGGCATGATGTCCGTT
SYK; spleen-associated tyrosine kinase	<i>Cm</i>	XM_021601579 (<i>Om</i>)	CACAGAGGTGTACGAGAGTCC, CGGCTTCTCTGTCTTCCTCATT
ZAP70; zeta chain of T-cell receptor-associated protein kinase 70	<i>Cm</i>	XM_014169597 (<i>Ss</i>)	CTATTACAAGGCACGCACAGCA, CTTGTATGGTTTTTCCTCCGTAAG

^a *Coregonus maraena* (*Cm*); *Oncorhynchus kisutch* (*Ok*); *Oncorhynchus mykiss* (*Om*); *Oplegnathus fasciatus* (*Of*); *Perca flavescens* (*Pf*); *Salmo salar* (*Ss*); *Sander lucioperca* (*Sl*).