Table S1. Sampling locations		
Sampling locations	Freshwater sampling cordinates	Marine sampling cordinates
River Tyne	55°56'34.8"N 2°47'6"W	56°0'22.63"N 2°36'47.41"W
River Forss	58°34'22.949"N 3°38'27.916"W	58°36'32.335"N 3°40'42.404"W
River Shiel	56°44'52.8"N 5°41'52.8"W	56°46'45.99"N 5°49'44.47"W
Little Campbell River	49°0'43.65"N 122°37'30.44"W	49°0'58.03"N 122°46'46.37"W

Table S2. RNA-seq library sequencing and yield.					
Sample ID	Sampling location	Ecotype	Sequencing run	Sequencing lane	Mapped reads *
c363_P_FC18_M	Little Campbell River	Freshwater (parent)	48	1	41570029
c363_P_FC08_F	Little Campbell River	Marine (parent)	48	1	77071816
c358_P_FC12_F	Little Campbell River	Freshwater	48	2	51196050
c358_P_FC09_M	Little Campbell River	Marine	48	2	62721395
c357_P_FC14_F	Little Campbell River	Freshwater	48	2	51219036
c357_P_FC06_M	Little Campbell River	Marine	48	2	49172261
c353_P_FC15_M	Little Campbell River	Freshwater	48	2	62929997
c353_P_FC05_F	Little Campbell River	Marine	48	2	40600091
c209_P_422_M	River Tyne	Freshwater	39	7	57545801
c209_P_341_FM	River Tyne	Marine	39	7	65354927
c208_P_531_M	River Tyne	Marine	39	7	51827643
c208_P_321_FM	River Tyne	Freshwater	39	7	59257432
c172_P_533_M	River Tyne	Freshwater (parent)	14	8	37475539
c172_P_533_M	River Tyne	Freshwater (parent)	14	3	37561905
c172_P_532_F	River Tyne	Marine (parent)	48	2	32355769
c172_P_532_F	River Tyne	Marine (parent)	14	8	29421104
c172_P_532_F	River Tyne	Marine (parent)	14	3	30491397
c169_P_432_FM	River Tyne	Freshwater	39	7	46449279
c169_P_342_M	River Tyne	Marine	39	7	60308422
c214_P_524_FM	River Shiel	Marine (parent)	39	6	63867976
c214_P_512_M	River Shiel	Freshwater (parent)	39	6	51993114
c212_P_551_M	River Forss	Freshwater (parent)	39	5	78491454
c212_P_454_FM	River Forss	Marine (parent)	39	5	53915757
c363_F1_1_M	Little Campbell River	F1	48	1	51918812
c363_F1_1_F	Little Campbell River	F1	48	1	75548850
c363_F1_2_M	Little Campbell River	F1	48	1	56909054
c363_F1_2_F	Little Campbell River	F1	48	1	49711377
c172_F1_04_M	River Tyne	F1	14	8	43447943
c172_F1_04_F	River Tyne	F1	14	8	30068470
c172_F1_20_M	River Tyne	F1	14	3	26736357
c172_F1_20_F	River Tyne	F1	14	3	42657169
c214_F1_2_M	River Shiel	F1	39	6	67202528
c214_F1_2_FM	River Shiel	F1	39	6	51160598
c214_F1_1_M	River Shiel	F1	39	6	58378310
c214_F1_1_FM	River Shiel	F1	39	6	62005808
c212_F1_2_M	River Forss	F1	39	5	52427751
c212_F1_2_FM	River Forss	F1	39	5	62315657
c212_F1_1_M	River Forss	F1	39	5	56085728
c212_F1_1_FM	River Forss	F1	39	5	53416036
* uniquely mapped reads					

Table S4. Criteria for defining divergence classes following {Landry:2005vf}.

Divergence class	Alleles - Binomial test	Parents - Binomial test	ASE versus Parents - Fisher test	Additional
cis	** (A1≠A2)	** (P1≠ P2)	NS (P1/P2 = A1/A2)	NA
trans	NS (A1= A2)	** (P1 ≠ P2)	** (P1/P2 ≠ A1/A2)	NA
cis + trans	** (A1≠A2)	** (P1≠ P2)	** (P1/P2 ≠ A1/A2)	log2(P1/P2)/log2(A1/A2) > 1
cis - trans	** (A1≠A2)	** (P1≠ P2)	** (P1/P2 ≠ A1/A2)	log2(P1/P2)/log2(A1/A2) < 1
compensatory	** (A1≠A2)	NS (P1 = P2)	** (P1/P2 ≠ A1/A2)	NA
conserved	NS (A1 = A2)	NS (P1 = P2)	NS (P1/P2 = A1/A2)	NA

A1 - allele 1, A2 - allele 2, P1 - parent 1, P2 - parent 2, ** - statistically significant with FDR 10%, NS - non-significant with FDR 10%