Table S7. Values of intrapopulation polymorphism in whitefish. To calculate the values, sequences of 975 bp were used. Populations are listed in descending order of *p*-distance among haplotypes. Bold type indicates populations where haplotypes of different phylogenetic lineages were revealed. N–number of analyzed sequences, H–number of haplotypes, S–number of polymorphic sites, k–mean number of pairwise differences; Hd–haplotype diversity, π–nucleotide diversity, *p*-distance among haplotypes revealed in population, SE–standard error, n/c–not calculated.

Whitefish populations	N	H	S	k	Hd	π	*p*-distance ±SE
Yana River	**3**	**3**	**12**	**8**	**1**	**0.00821**	**0.84±0.226**
Olenek River, middle course	15	15	28	7.295	1	0.00748	0.73±0.149
Khroma River	**8**	**8**	**16**	**6.786**	**1**	**0.00696**	**0.71±0.182**
Poland: lakes Śremskie, Ińsko, Miedwie, Morzycko, Marianowo	**6**	**6**	**17**	**7.067**	**1**	**0.00725**	**0.68±0.183**
Kolyma River	**9**	**9**	**19**	**6.778**	**1**	**0.00695**	**0.63±0.153**
Anabar River	**26**	**24**	**29**	**5.523**	**0.9938**	**0.00566**	**0.57±0.136**
the Gulf of Finland	**26**	**19**	**20**	**5.818**	**0.9723**	**0.00597**	**0.56±0.154**
Moma River, Indigirka River basin	4	4	6	5.667	1	0.00581	0.54±0.168
Sob River, Ob River basin	**2**	**2**	**5**	**5**	**1**	**0.00513**	**0.52±0.242**
Lake Kutaramakan, Putorana Plateau	**8**	**8**	**12**	**4.714**	**1**	**0.00484**	**0.49±0.140**
Suturuokha River, Indigirka River basin	13	13	16	5.205	1	0.00534	0.49±0.131
Popigay River	7	7	12	4.286	1	0.0044	0.45±0.130
Yenisey River, near town Dudinka and Karaul village	**13**	**11**	**17**	**4.192**	**0.9744**	**0.0043**	**0.44±0.110**
Olenek River, settlement of Taymylyr	**16**	**16**	**19**	**4.4**	**1**	**0.00451**	**0.43±0.121**
Olenek channel of the Lena River	**12**	**12**	**17**	**4.53**	**1**	**0.00465**	**0.43±0.119**
Lake Varchaty, Ob River basin	**2**	**2**	**4**	**4**	**1**	**0.0041**	**0.42±0.212**
Lake Lama, Putorana Plateau	**2**	**2**	**4**	**4**	**1**	**0.0041**	**0.42±0.212**
Anadyr River, pidschian	**29**	**28**	**30**	**3.798**	**0.9975**	**0.0039**	**0.39±0.085**
Lake Dorong, Vitim River basin	23	12	14	3.731	0.8735	0.00383	0.37±0.112
Lake Hallstatt, Austria	**4**	**3**	**8**	**4**	**0.8333**	**0.0041**	**0.36±0.133**
Lake Langtibeito, Yamal	**4**	**4**	**7**	**3.5**	**1**	**0.00359**	**0.36±0.134**
Zakharova Rassokha River, Khatanga River basin	4	4	7	3.5	1	0,00359	0.36±0.126

Kureyka River, Yenisey River basin	**4**	**4**	**6**	**3.333**	**1**	**0.00342**	**0.35±0.139**
Tiksi Bay and Lena River, combained	**5**	**5**	**9**	**3.8**	**1**	**0.0039**	**0.35±0.118**
Buotoma River, Lena River basin	7	7	9	3.333	1	0.00342	0.35±0.120
Omoloy River basin	4	4	7	3.667	1	0.00376	0.33±0.123
Venujmue-Yakha River, Yamal	**36**	**8**	**12**	**3.059**	**0.8238**	**0.00314**	**0.32±0.100**
Lake Sobach'ye, Putorana Plateau, mokchegor	**22**	**7**	**10**	**3.1**	**0.7922**	**0.00318**	**0.32±0.125**
Lake Onega	**19**	**12**	**16**	**3.041**	**0.9357**	**0.00312**	**0.31±0.095**
Lake Kubenskoye	2	2	4	4	1	0.0041	0.31±0.185
Sabetta-Yakha River, Yamal	**5**	**3**	**7**	**3**	**0.8**	**0.00308**	**0.31±0.125**
Lake Ilirney, Maly Anyuy River basin	2	2	3	3	1	0.00308	0.31±0.171
Lake Kapylyushi (Oron), Lena River basin, pidschian and *C. baunti*	23	9	12	3.067	0.8221	0.00315	0.30±0.088
Achterwasser, Germany	8	3	5	2.571	0.7143	0.00264	0.27±0.117
Keret River, Lake Zabornoye	9	4	6	2.611	0.8056	0.00268	0.27±0.109
Lake Teletskoye, Ob River basin	7	7	8	2.762	1	0.00283	0.26±0.100
Lake Khantayskoye, Putorana Plateau	4	4	5	2.5	1	0.00256	0.26±0.110
Lake Topozero, Karelia	6	3	6	2.6	0.6	0.00267	0.24±0.103
Lake Kamennoye, Karelia	4	4	4	2.333	1	0.0239	0.24±0.123
Lake Kapylyushi (Oron), Lena River basin, *C. baunti*	12	4	6	2.318	0.6364	0.00238	0.24±0.101
Lake Sevan, Armenia	7	4	5	2.19	0.8095	0.00225	0.23±0.104
Vidaa River, Denmark, *Coregonus oxyrhynchus*	**21**	**3**	**8**	**2.4**	**0.6**	**0.00246**	**0.22±0.091**
Baltic Sea, Estonian coast	8	2	5	2.143	0.4286	0.0022	0.22±0.101
Ringkøbing fjord, Denmark	**20**	**5**	**10**	**1.811**	**0.7421**	**0.00189**	**0.18±0.067**
Lake Tange, Denmark	8	4	4	1.643	0.6429	0.00168	0.17±0.086
Lake Ladoga	8	5	4	1.607	0.8571	0.00165	0.17±0.084
Lake Sobach'ye, Putorana Plateau, predator	**22**	**7**	**11**	**1.602**	**0.7879**	**0.00164**	**0.17±0.061**
Tuloma River	4	4	3	1.5	1	0.00154	0.16±0.087
Lake Ichilyakh, Indigirka River basin	4	3	3	1.5	0.8333	0.00154	0.16±0.088
Nissum fjord, Denmark	**18**	**5**	**11**	**1.582**	**0.6667**	**0.00162**	**0.15±0.059**

Lake Flyder, the Limfjord, Denmark	8	3	3	1.321	0.6786	0.00136	0.14±0.084
Lake Peipus	3	2	2	1.333	0.6667	0.00137	0.14±0.098
Voykar River, Ob River basin	**2**	**2**	**1**	**1**	**1**	**0.00103**	**0.10±0.105**
Northern Sosva River, Ob River basin	2	2	1	1	1	0.00103	0.10±0.100
Irkingda River and Lake Keta	2	2	1	1	1	0.00103	0.10±0.104
Kilen, the Limfjord, Denmark	8	3	3	0.75	0.4643	0.00077	0.08±0.046
Ayakhta River, Yenisey River basin	2	1	0	0	0	0	0
Havgajávri, Norway	1	1	0	0	0	0	n/c
Lake Lomond, Scotland, UK	1	1	0	0	0	0	n/c
Koppentraun, Austria	1	1	0	0	0	0	n/c
Taz River	1	1	0	0	0	0	n/c
Lake Todzha, Todzha depression, Yenisey River basin	1	1	0	0	0	0	n/c
Nizhnyaya Tunguska River, Yenisey River basin	1	1	0	0	0	0	n/c
Khamsara River	1	1	0	0	0	0	n/c
Lake Bolshoye Toko, Lena River basin	1	1	0	0	0	0	n/c
Markha River, Lena River basin	1	1	0	0	0	0	n/c
Kuydusun River, Indigirka River basin	1	1	0	0	0	0	n/c
Lake Labynkyr, Indigirka River basin	1	1	0	0	0	0	n/c