Table S3. Frequencies of the haplotypes of phylogenetic lineages in considered cisco species populations. N–sample size; bold type denotes populations for which information on phylogenetic lineages was obtained using PCR-RFLP analysis according to [96]; italic type denotes introduced population of vendace.

Ciscoes populations	**N**	**Lineages**			
		IC	**IIC**	**IIIC**	**IVC**
Lakes of Poland	17	–	1	–	–
Lake Stechlin, Germany, *C. albula*	7	–	1	–	–
Lake Stechlin, Germany, *C. fontanae*	4	–	1	–	–
Lake Kallavesi, Finland	**13**	–	**1**	–	–
Lake Virmajarvi, Finland	**10**	–	**1**	–	–
Lakes of the Solovetsky Archipelago	9	–	1	–	–
Lake Starushech'ye	**20**	–	**1**	–	–
Lake Khedo, Karelia	1	–	1	–	–
Lake Segozero, Karelia	**14**	–	**1**	–	–
Lake Vodlozero	2	–	1	–	–
Lake Kenozero	3	–	1	–	–
Lake Lyokshmozero	2	–	0.50	0.50	–
Lake Onega, typical form of vendace	2	–	1	–	–
Lake Onega, kiletz (large form of vendace)	**19**	–	**1**	–	–
Lake Ladoga	2	–	1	–	–
Lake Vištytis, Kaliningrad Region	3	–	1	–	–
Lake Beloye	4	–	1	–	–
Rybinsk Reservoir, Volga River	22	–	0.78	0.27	–
Gorky Reservoir, Volga River	1	–	1	–	–
Kuybyshev Reservoir, Volga River	1	–	1	–	–
Lake Pleshcheyevo	12	0.08	0.84	–	0.08
Lake Ingol, Ob River basin	1	–	1	–	–
water bodies of the Kolguyev Island	4	–	1	–	–
Lake Golodnaya Guba, Pechora River, saurey	7	0.29	0.71	–	–
Pechora River, watercourse and estuary, zeld	7	0.43	0.57	–	–
Sabetta-Yakha River, Yamal	16	0.38	0.62	–	–
Venujmue-Yakha River, Yamal	14	0.29	0.71	–	–
Lake Yoserotato Lake, Yamal	1	–	1	–	–
Nyakharvangata-Yakha River, Yamal	6	–	1	–	–
Messo-Yakha River, Taz Estuary	5	0.20	0.80	–	–
Nyojta-Yakha River, Gydan Bay	3	0.67	0.33	–	–
Lake Lama, Putorana Plateau	8	–	1	–	–
Lake Kutaramakan, Putorana Plateau	10	–	1	–	–
Lake Sobach'ye, Putorana Plateau	12	–	1	–	–
Yenisey River, near Dudinka town and Levinskie Peski village	17	0.76	0.24	–	–
Yenisey River, Kureyka River mouth	4	–	1	–	–
Pyasina River, Ust'-Tareya	7	0.58	0.42	–	–

Khatanga River	3	1	–	–	–
Anabar River	1	1	–	–	–
Kureyka Reservoir	5	–	1	–	–
Tiksi Bay, near Tiksi town	1	1	–	–	–
Lena River, the Tit-Ary Island	6	1	–	–	–
Yana River, Ust'-Yansk	5	1	–	–	–
Indigirka River, Russkoye-Ust'ye duct	4	1	–	–	–
Kolyma River, fishing area “Ermolovo”	3	1	–	–	–