

SUPPLEMENTARY MATERIALS

to the article by B.A. Malyarchuk, M.V. Derenko "Genetic history of the Koryaks and Evens of the Magadan region based on Y chromosome polymorphism data"

Supplementary Material 1. Haplotypes and haplogroups of Y chromosome in the Koryaks of Magadan region

Haplogroup	Place of birth	DYS19	DYS385a, b	DYS389I	DYS389II	DYS390	DYS391	DYS392	DYS393	DYS437	DYS438	DYS439
C-M217-M48-B90-B91-B92	Topolovka, Severo-Evensky District, Magadan Oblast	15	12,12	10	17	24	9	11	13	14	10	11
	Evensk, Severo-Evensky District, Magadan Oblast	15	12,12	10	17	24	9	11	13	14	10	11
	Evensk, Severo-Evensky District, Magadan Oblast	15	12,12	10	17	24	9	11	13	14	10	11
	Topolovka, Severo-Evensky District, Magadan Oblast	15	12,12	10	17	24	9	11	13	14	10	11
	Topolovka, Severo-Evensky District, Magadan Oblast	16	12,12	10	16	25	9	11	13	14	10	11
C-M217-M48-B90-B91-B94	Evensk, Severo-Evensky District, Magadan Oblast	15	13,13	10	16	24	9	11	14	14	10	11
	Evensk, Severo-Evensky District, Magadan Oblast	15	13,13	10	16	24	9	11	14	14	10	11
	Verkhny Paren, Severo-Evensky District, Magadan Oblast	15	13,13	10	16	24	9	11	14	14	10	11
	Verkhny Paren, Severo-Evensky District, Magadan Oblast	15	13,13	10	16	24	9	11	14	14	10	11
	Evensk, Severo-Evensky District, Magadan Oblast	15	13,13	10	16	24	9	11	14	14	10	11
C-M217-B77	Evensk, Severo-Evensky District, Magadan Oblast	16	12,12	13	17	24	9	11	14	14	10	12
C-M217-B79	Verkhny Paren, Severo-Evensky District, Magadan Oblast	16	11,12	13	17	24	9	11	13	14	10	12
C-M217-M48	Evensk, Severo-Evensky District, Magadan Oblast	17	11,12	13	17	24	9	11	13	14	10	12
C-M217	Verkhny Paren, Severo-Evensky District, Magadan Oblast	17	9,12	13	16	25	9	11	13	14	10	12
N-B202-B203	Evensk, Severo-Evensky District, Magadan Oblast	15	11,13	13	16	23	11	14	15	14	10	10
	Evensk, Severo-Evensky District, Magadan Oblast	15	11,13	13	16	23	11	14	15	14	10	10
N-B202-B204	Gizhiga, Severo-Evensky District, Magadan Oblast	14	11,13	14	14	23	11	14	14	14	10	11
	Topolovka, Severo-Evensky District, Magadan Oblast	14	11,13	14	14	23	11	14	14	14	10	11
	Topolovka, Severo-Evensky District, Magadan Oblast	14	11,13	14	14	23	11	14	14	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	14	11,13	14	16	23	11	14	14	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	14	11,13	14	16	23	11	14	14	14	10	11
	Topolovka, Severo-Evensky District, Magadan Oblast	14	11,13	14	16	23	11	14	14	14	10	11
	Topolovka, Severo-Evensky District, Magadan Oblast	14	11,13	14	16	23	11	14	14	14	10	11
Q-B143	Verkhny Paren, Severo-Evensky District, Magadan Oblast	13	12,18	14	16	25	11	16	13	15	11	11
	Evensk, Severo-Evensky District, Magadan Oblast	13	12,18	14	16	25	11	16	13	15	11	11
	Evensk, Severo-Evensky District, Magadan Oblast	13	12,18	15	16	25	11	16	13	15	11	11
	Evensk, Severo-Evensky District, Magadan Oblast	13	12,19	15	16	25	11	16	13	15	11	11
	Evensk, Severo-Evensky District, Magadan Oblast	13	12,19	15	16	25	11	16	13	15	11	11
	Evensk, Severo-Evensky District, Magadan Oblast	13	11,19	15	16	24	11	15	13	15	11	11
	Evensk, Severo-Evensky District, Magadan Oblast	13	11,19	15	16	24	11	15	13	15	11	11
O-M122	Verkhny Paren, Severo-Evensky District, Magadan Oblast	17	12,18	13	16	25	10	13	12	15	10	12
R-M17	Verkhny Paren, Severo-Evensky District, Magadan Oblast	16	11,14	13	17	24	10	11	13	14	12	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	16	11,14	13	17	24	10	11	13	14	12	10
	Chaibukha, Severo-Evensky District, Magadan Oblast	15	11,16	13	18	24	11	11	13	14	11	10
I-M253	Evensk, Severo-Evensky District, Magadan Oblast	14	11,13	12	16	22	10	11	13	16	10	11
I-P37.2	Evensk, Severo-Evensky District, Magadan Oblast	16	14,15	13	18	24	11	11	13	15	10	13
J-M314	Chaibukha, Severo-Evensky District, Magadan Oblast	15	10,17	12	18	23	10	11	12	16	9	12

Supplementary Material 2. Haplotypes and haplogroups of Y chromosome in the Evens of Magadan and neighboring regions

Haplogroup	Place of birth	DYS19	DYS385a, b	DYS389I	DYS389II	DYS390	DYS391	DYS392	DYS393	DYS437	DYS438	DYS439
C-M217-M48	Novaya Inya, Okhotsk District, Khabarovsk Krai	16	12,12	13	16	23	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	10
C-M217-M48-B80-B81	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	23	9	11	13	14	10	11
C-M217-M48-B80-B471	Evensk, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Evensk, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Gadlya, Olsky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Provideniya, Chukotka Autonomous Okrug	17	12,12	13	16	24	9	11	13	14	10	11
	Rassokha, Srednekansky district, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Evensk, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Evensk, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Garmanda, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	12,12	13	16	24	9	11	13	14	10	11
C-M217-M48-B90	Gizhiga, Severo-Evensky District, Magadan Oblast	14	12,12	10	16	24	9	11	13	14	11	12

Supplementary Material 2 (end)

Haplogroup	Place of birth	DYS19	DYS385a, b	DYS389I	DYS389II	DYS390	DYS391	DYS392	DYS393	DYS437	DYS438	DYS439
N-B186	Arman, Olsky district, Magadan Oblast	15	11,13	13	16	23	11	14	14	14	10	10
	Evensk, Severo-Evensky District, Magadan Oblast	15	11,13	13	16	23	11	14	14	14	10	10
N-M46	Gizhiga, Severo-Evensky District, Magadan Oblast	14	11,13	14	16	23	11	14	14	14	10	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	14	11,13	14	16	23	11	14	14	14	11	11
Q-M346-M3	Gizhiga, Severo-Evensky District, Magadan Oblast	13	15,17	13	16	24	10	14	13	13	11	14
	Gadlya, Olsky District, Magadan Oblast	13	14,17	13	17	24	10	14	13	15	11	14
R-M17	Gizhiga, Severo-Evensky District, Magadan Oblast	16	11,14	13	17	24	10	11	13	14	12	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	16	11,14	13	17	24	10	11	13	14	12	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	16	11,11	13	18	25	10	11	13	14	11	10
	Magadan, Magadan Oblast	16	11,11	13	17	25	10	11	13	14	11	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	14	11,14	13	17	24	11	11	13	14	10	10
	Garmanda, Severo-Evensky District, Magadan Oblast	15	11,14	13	17	24	11	11	13	14	11	10
	Garmanda, Severo-Evensky District, Magadan Oblast	16	11,14	14	18	25	11	11	13	14	11	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	16	11,14	13	16	25	10	11	13	14	11	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	16	11,14	13	17	25	10	11	13	14	11	10
	Evensk, Severo-Evensky District, Magadan Oblast	16	11,15	14	17	26	10	11	13	14	11	11
	Evensk, Severo-Evensky District, Magadan Oblast	16	11,15	13	17	25	11	11	13	14	11	10
	Garmanda, Severo-Evensky District, Magadan Oblast	16	11,15	12	17	25	10	11	14	14	11	11
	Garmanda, Severo-Evensky District, Magadan Oblast	16	11,15	13	16	26	11	11	13	14	11	10
	Garmanda, Severo-Evensky District, Magadan Oblast	16	11,15	13	16	26	11	11	13	14	11	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	16	11,15	13	18	25	11	11	13	14	11	10
	Gizhiga, Severo-Evensky District, Magadan Oblast	16	11,17	14	18	26	11	11	13	14	11	11
	Gizhiga, Severo-Evensky District, Magadan Oblast	17	11,14	14	17	25	10	11	13	14	11	11
R-M269	Garmanda, Severo-Evensky District, Magadan Oblast	14	11,15	13	17	24	11	14	13	15	12	12
	Garmanda, Severo-Evensky District, Magadan Oblast	14	11,15	13	17	24	11	14	13	15	12	12
I-P37.2	Evensk, Severo-Evensky District, Magadan Oblast	16	14,15	13	17	24	10	11	13	15	10	13
	Gadlya, Olsky District, Magadan Oblast	15	14,15	13	18	24	11	11	13	15	10	13