

Table S1. Quantitative and qualitative characteristics of DNA extracted from the museum specimens and number of replicates used for estimating the consensus genotypes

Sample ID	Breed	dsDNA, ng/μl	OD260/OD280	Number of replicates
H172	KALM	14.60	1.92	5
H210	KALM	3.68	1.67	8
H215	KALM	3.12	1.55	5
H219	KALM	5.50	1.65	5
H220	KALM	5.82	1.51	5
H221	KALM	38.40	1.79	5
H222	KALM	4.64	1.69	5
H223	KALM	5.64	1.82	5
H227	KALM	4.04	1.82	5
H231	KALM	6.24	1.82	5
H173	KRGZ	4.10	1.51	5
H175	KRGZ	6.54	1.49	7
H176	KRGZ	8.44	1.58	5
H178	KRGZ	2.88	1.50	8
H179	KRGZ	5.22	1.77	5
H180	KRGZ	4.70	1.79	5
H181	KRGZ	11.80	1.74	5
H182	KRGZ	8.38	1.76	5
H183	KRGZ	2.88	1.48	5
H184	KRGZ	28.00	1.83	5
H186	KRGZ	6.50	1.78	5
H354	KZKH	21.20	1.90	5
H355	KZKH	6.84	1.78	8
H104	KZKH	5.42	1.47	5

Sample ID - individual number of sample, Breeds: KALM – Kalmyk, KRGZ – Kyrgyz, KZKH – Kazakh, dsDNA - concentration of double-stranded DNA (ng/μl), OD260/OD280 - OD ratio.