Table S2 Variable nucleotides from 809-bp mitochondrial DNA camel fragments of Bactrian haplotypes compared with reference sequences from GenBank accession no. NC_009628.2. Haplotype sequences H1–H15 were analysed in this study, and of these, H4, H5 and H7–H13 were new and H16–H25 have been described previously. [Haplotype H15–H23 were from Chuluunbat *et al.* (2014). Haplotypes H24 and H25 were obtained from GenBank].

Sample No.	Haplo-type	15160	15180	15186	15198	15205	15218	15219	15263	15285	15315	15363	15393	15466	15473	15488	15489	15497	15500	15558	15607	15644	15650	15667	15668	15693	15710	15717	15723	15780	15865	15882	15916	15920	Frequency*
ALS023	H1	A	A	G	G	A	T	G	T	T	C	T	C	A	C	G	A	C	A	A	C	C	A	A	T	C	C	A	G	C	A	T	T	A	36.3%
GB059	H2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	15.0%
SNT076	H3	G	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	14.2%
GB055	H4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.9%
GGU128	H5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.9%
TLM120	H6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4.4%
HHH136	H7	G	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	.	G	.	.	.	.	.	.	.	0.9%
HHH137	H8	G	T	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.9%
ZGE112	H9	G	T	.	.	.	.	.	C	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1.8%
QH014	H10	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.9%
TLM122	H11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3.5%
Kalmyk161	H12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.9%
Kalmyk165	H13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.9%
Wild088	H14	.	G	A	.	G	C	A	.	.	T	.	.	G	T	.	.	.	.	.	T	T	G	C	.	.	.	.	.	T	G	C	.	.	13.3%
Wild102	H15	.	G	A	.	G	C	A	.	C	T	.	.	G	T	.	.	.	.	.	T	.	G	C	.	.	.	.	.	T	G	C	.	.	5.3%
KF640722	H16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	.	.	.	.	C	.	.	.	.	.	.	.	.	.	.	-

KF640723	H17	G	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	C	.	.	.	.	.	.	.	.	.	-
KF640725	H18	.	.	.	.	.	.	.	.	.	.	C	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-
KF640726	H19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	T	.	.	.	C		.	.	.	.	.	.	.	.	-
KF640727	H20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	G	T	.	.	.	C	.	.	.	.	.	.	.	.	.	-
KF640729	H21	G	T	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-
KF640730	H22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	C	T	-
KF640731	H23	.	.	.	A	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	-
EF212037	H24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	C	.	.	.	.	.	.	.	.	.	-
EF507799	H25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	T	A	.	T	.	.	.	.	.	-

Sequences KF640722, KF640723, KF640725-KF640727 and KF640729-KF640731 were from Chuluunbat *et al*. (2014). Sequences EF212037 and EF507799 were obtained from GenBank.