

Table S1. The SNPs in this study and its amplification and extension primers

SNP	Position hg18	Position hg19	Haplogroup	Mutation	Forward primer (5' -> 3')	Reverse primer (5' -> 3')	Extension primer (5' -> 3' )	Mutation Direction
F2887	17399090	18889696	Oβ3	G -> T	AACCACATTTTCATATTGAGATCGACA	CCTTGGCATCCCTAGTACAGCCT	GGTGGATTGCTGGATCATAT	G -> T
F3451	21934440	23525052	O3a2c1b2	C -> G	TATTGCACTTCTTGAGAGAAGCAAATT	GGCTCCATAGTTCTACTTAAACAAA	CTTATAAAGAAATAGAAGACAGTTCTG	C -> G
F444	16389860	17880466	O3a2c1b	C -> T	AAACTTTCCAAATATTATATCGGTAGAC	TTCTCACCAAATTAGAACTTATGAAGC	CTATGGTGTTTATTTGGTGGATCGGTCA	C -> T
F629	21299408	22890020	O3a2c1b1	C -> T	GATGCCACTTCAGCATGTATGTAAG	GAGCCGAGATCATGCCATTGCAC	TGTTTGCTGGTGCACAAACGTGCCTGCACGCAC	G -> A
F209	10380522	9770522	Oβ2	A -> C	TATCATAACTTCAAATTATGAATTCAGCT	GGTTCATTATATGTACACATTCATTAGG	ATTTAATACATAGATTATATTTGGATAGGAAAATGTG	T -> G
M134	20175606	21716218	O3a2c1	C -> del	AATTCTCATTACCCTGTGGAGAGA	GGCTTTCTGAAGCAAATACCAGCTT	CATTTACCACTGTGGAGAGATACTTTTGATCCCCACCAAT	C -> A
M117	20224700	21765312	O3a2c1a	AGAT -> del	TAGATGATAGAAAAACATAATATGGCTTA	ACTTTTCTATAGAAGCAAAGATAATGT	AATTGACAGTTATCAGTTTGAAATTATTTTTTCAGAAAGCAGAT	A -> G
F3386	21401484	22992096	Oβ4	G -> C	TGTACAAATGTTTAATATGATTTTCAGAATA	CTGCTGAAGACAAATGTATATTATAGG	ATTTTCAGAATACCTTTTTTAACCACATATTTCTGACCGGCTTAGAA	G -> C
F48	6956196	6896196	Oβ1	C -> T	CCTGGAAGATCTGCTCAGAATCCT	CTGACATCATGGATATTGGTAGAGG	TCAACCTCACCTTCCAGGTGCAGTGATGGACAAGTTCTCCAGAGTCAC	C -> T
F1739	12758953	14248953	Oβ5	G -> C	GCTACCAATCTATGTCCTGTCTCTA	GAAGGAATGGAACCACTCATGGTTA	AAAGCCTCTCTTGAATATATGACCTCAGAGAAGTACAATGTTAATCCCT	C -> G
F152	8602825	8542825	Oβ1a	G -> T	GGCTGGTTGAAACCCACCAGGTT	ACAGGACTGCAAGTGCCTCTCCT	GTTCCAAATCAGCACCCCTTGTATAAAGAAGCCACTCTTATAGAAAGAAGAG	G -> T
F46	6920621	6860621	Oβ	A -> G	GGATTCACTCTCAGGAGCCAGGT	CACCAAGTGCACCCTGGCAGCT	ATTAGGATTCAGTATACCCCTTGGGAGGAGCACTCTTGAACCCGTAACACCATCA	A -> G