

**Table S14.** Primer sequences and amplification conditions for gender-specific markers

DNA	Haplogroup	Marker	Primers
mt	L0	C3516A	3322-F 5'-CTCCTACTCCTCATTGTACC-3' 4162-R 5'-TGAGTTGGTCGTAGCGGAAT-3'
mt	L0d	T4232C	4040-F 5'-CAACATATGACGCACTCTCC-3' 5995-R 5'-GTGCCTAGGACTCCAGCTCA-3'
mt	L0k	G4541A	4040-F 5'-CAACATATGACGCACTCTCC-3' 5995-R 5'-GTGCCTAGGACTCCAGCTCA-3'
mt	L0a	G5231A G11176A	4838-F 5'-TCTGACATCCGGCCTGCTTC-3' 5995-R 5'-GTGCCTAGGACTCCAGCTCA-3' 10961-F 5'-CTAACTACCTGACTCCTACC-3' Amp2-R 5' TTACTTTTATTTGGAGTTGCACCA-3'
mt	L2	T10115C	9378-F 5'-TGGCGCGATGTAACACGAGA-3' 10380-R 5'-GTAGTCACTCATAGGCCAGA-3'
mt	L3'4	T3594C	3322-F 5'-CTCCTACTCCTCATTGTACC-3' 4162-R 5'-TGAGTTGGTCGTAGCGGAAT-3'
mt	L3	A1018G	751-F 5'-ACAAGCATCAAGCACGCAGC-3' 1721-R 5'-GGCTAAGGTTGTCTGGTAGT-3'
mt	M	C10400T	10131-F 5'-CCACAACCTCAACGGCTACAT-3' Amp2-R 5' TTACTTTTATTTGGAGTTGCACCA-3'
mt	N	G10398A	10131-F 5'-CCACAACCTCAACGGCTACAT-3' Amp2-R 5' TTACTTTTATTTGGAGTTGCACCA-3'
Y-chr	E1b1b	M215	M215-F 5'-CATCCCATGAAATATACACAGAAAC-3' M215-R 5'-AGTGAGCAGAGATTGCACCA-3' M215-seq 5'-AGATTAAACTTTGATTATATTAAT-3'

**Amplification conditions:**

**mtDNA:** Roche Fast-Start PCR protocol, annealing temperature set at 60°C

**Y-Chr:** Roche Fast-Start PCR protocol, annealing temperature set at 56°C. The 430 bp amplicon was first excised from a 2% agarose gel (QIAquick Gel Extraction Kit, Qiagen) prior to sequencing.