

Supplementary Table S1: Summary of primer sets, PCR annealing temperatures, and methods used for Y chromosome haplogroup C lineage genotyping

Haplogroup	Marker	Primer sequence	Annealing temp. °C	Method	Restriction enzyme
C1a1a	P121	GGTTTTAGACCAAACGGGCA GCTTCTGAGATGCCTCCACTA	60	Sequesce	
C1a1a1	CTS9336	ACAGGCCAAAACCTCCTGTG TGCCCCTGTTACTCTCTCCA	60	Sequesce	
C1a1a1a	Z7643	GCTGCCAAGCAGTTGGATCT CTGTGTCTTCTACTACAGCATGTGG	60	RFLP	XmnI
C1a1a1b	Z7228	GCTGCAGGAAAGCGTGATAG GCTTCGTACCCAGTGTTGG	60	RFLP	BglI
C1a1a2~	Z45461	CAGGCTTATGCTTGGAGCAC AGAAAAGTGTGCCGACCTGC	60	Sequesce	
C2a	F1396	ATCACCACAGAGTGTTCCTCA CAGTGAAAAGAAAACACTCACTGCAT	60	Sequesce	
C2b	F1067	ATCACAAAGGTGCTCAGCCA GTGGAACAAGCAGCTAAGC	60	Sequesce	
C2b1	CTS3297	TCCTAGGGTATTCTTACGACAGAACC AGGTAAGTAACCAGCCACCTTCA	60	RFLP	TaqI
C2b1a	F3895	TGTGAGAACACTGCACCACC AGGCCTGAGTCCTTGAGTCT	61	RFLP	TaqI
C2b1a1	F3755	CGGGACATGGTGTAGACTGC GAAGAGCTCCTGCCAAATCCCT	60	RFLP	EciI
C2b1a1a	F3967	AAGCTCTGGGTTGGCAAAGT TGACTGACCCTCATTGC	61	RFLP	CviQI
C2b1a1b	A14898	TCAGCAAGTTAGAGTAAATGCCG AGACTATAGAGTTACCAAGCCACT	60	Sequesce	
C2b1a2	F3880	TCACAGACATTGAAGTTGAGTGC GGGTGTTTACCTTTCCTTCAGATG	60	RFLP	HindIII
C2b1b	Z12264	GGTCTAGGAGCCAACGGATG CAGGAACCCTGAGGAAGCAG	60	RFLP	Hpy188III

RFLP:reaction-r RFLP:reaction-restriction-fragment length polymorphisms