Appendix I. Results of population neutrality tests and population expansion analysis of
haplogroups

Haplogroups	Neutrality Tests				Demographic Expansion					
	Tajima'D	P-value	FS	P-value	SSD	P-value	Rg	P-value	θ_0	θ_1
B	-1.9247	0.0030	-25.1223	0.0000	0.0124	0.6000	0.0184	0.7500	0.0000	6.4040
C	-1.7224	0.0180	-25.1172	0.0000	0.0080	0.0300	0.0218	0.0000	1.9000	3414.9780
D	-1.2751	0.0760	-10.1627	0.0000	0.1014	0.0100	0.0106	0.3800	0.0000	3414.9784
G	-2.3845	0.0000	-25.4649	0.0000	0.0022	0.4300	0.0147	0.1100	1.9000	3431.9780

Note: SSD：Sum of squared deviations between the observed and expected mismatch values；Rg：Harpending's
raggedness index of the observed distribution；θ_0：Before population growth (initial/present effective population
size)；θ_1：After population growth (final/past effective population size)