Fig. S1 Representative electropherograms for multiplex AS-PCR assay in a Korean population. a Haplogroup D-M174 b Haplogroup C-RPS4Y711 c Haplogroup K-M9 d Haplogroup N-M231 e Haplogroup O1a-M119 f Haplogroup O3-M122 g Haplogroup O3a4 (O3a1c)-JST002611 h Haplogroup O2-P31 i Haplogroup O2b-SRY465 j Haplogroup O2b1-47z k Haplogroup O3a3 (O3a2)-P201 l Haplogroup O3a3b (O3a2b)-M7 m Haplogroup O3a3c (O3a2c1)-M134 n Haplogroup O3a3c1 (O3a2c1a)-M117 o A sample that belongs to none of the three haplogroups D-M174, C-RPS4Y711 and K-M9. Haplogroup affiliations referring to the nomenclature suggested by Yan et al. [22] were indicated in parenthesis.
Fig. S2 Representative electropherograms for multiplex AS-PCR assay in Korean population. a Haplogroup (O3a1) defined by KL2 b Haplogroup O3a4 (O3a1c) defined by JST002611 c Haplogroup O3a3 (O3a2) defined by P201 d Haplogroup (O3a2c) defined by P164 e Haplogroup O3a3c (O3a2c1) defined by M134 f A sample that does not belong to haplogroup O3a-M324. Haplogroup affiliations referring to the nomenclature suggested by Yan et al. [22] were indicated in parenthesis.
Fig. S3 Representative electropherograms for monoplex SBE reactions. a Haplogroup Q-M242 (upper) and haplogroup R-M207 (lower), respectively b Ancestral (upper) and derived (lower) allelic state at P203, which defines haplogroup O1a1 c Ancestral (upper) and derived (lower) allelic state at PK4, which defines haplogroup O2a d Ancestral (upper) and derived (lower) allelic state at M133, which defines haplogroup O3a3c1 (O3a2c1a) e Ancestral (upper) and derived (lower) allelic state at M267, which defines haplogroup J1 f Ancestral allelic state at M110 (upper) and M159 (lower), which define haplogroups O1a2 and O3a3a (O3a2a), respectively. Haplogroup affiliations referring to the nomenclature suggested by Yan et al. [22] were indicated in parenthesis.