

MtDNA analysis of global populations support that major population expansions began before Neolithic Time

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Figure S1 Non-metric multidimensional scaling of mtDNA Φ_{ST} distances

Table S1 Haplogroup frequencies in the three African populations

Haplogroup	ASW n=61	LWK n=116	YRI n=136	Total n=313
L0a'b	0.00	1.72	0.00	0.64
L0a	9.84	13.79	5.15	9.27
L0f	0.00	1.72	0.00	0.64
L1b	13.11	3.45	12.50	9.27
L1c	9.84	2.59	2.21	3.83
L2-6	0.00	4.31	0.00	1.60
L2a	18.03	13.79	22.06	18.21
L2b	1.64	0.86	7.35	3.83
L2c	3.28	0.00	2.21	1.60
L2e	0.00	0.00	2.21	0.96
L3a	0.00	0.86	0.00	0.32
L3b	0.00	27.59	11.03	15.02
L3d1-5	8.20	1.72	5.15	4.47
L3e	22.95	6.90	23.53	17.25
L3f	1.64	0.00	4.41	2.24
L3h	1.64	4.31	0.00	1.92
L3i	0.00	0.86	0.00	0.32
L3j	0.00	0.86	0.00	0.32
L3k	1.64	0.00	0.00	0.32
L3x	0.00	1.72	0.00	0.64
L4	0.00	7.76	1.47	3.51
L5	0.00	5.17	0.00	1.92
M32	1.64	0.00	0.00	0.32
C1	1.64	0.00	0.00	0.32
D1	1.64	0.00	0.00	0.32
U6	1.64	0.00	0.74	0.64
A2	1.64	0.00	0.00	0.32

Table S2. Age estimations of each cluster with distinct expansion in Africans, Europeans and Americans

Continent	lineage	<i>n</i>	ρ method with Soares complete genome rate ^a	ρ method with Soares synonymous rate ^b	ρ method with modified Mishmar coding region rate ^c	Bayesian MCMC by BEAST with Ho and Endicott rate ^d	Bayesian MCMC by BEAST with Atkinson rate ^e
			T(kya) \pm σ (ky)	T(kya) \pm σ (ky)	T(kya) \pm σ (ky)	T(95%CI)(ky)	T(95%CI)(ky)
Africa	L0a1a2	8	7.21 \pm 2.54	4.92 \pm 2.20	6.33 \pm 1.91	8.02 (3.90, 13.09)	9.67 (5.13, 15.28)
	L0a1a	15	15.04 \pm 4.40	4.72 \pm 1.57	11.37 \pm 3.14	15.13 (9.21, 20.89)	17.94 (11.68, 23.55)
	L1b1a3	11	11.35 \pm 2.95	12.16 \pm 3.57	12.57 \pm 2.77	16.62 (11.01, 22.71)	19.69 (13.76, 25.93)
	L1b1a	27	14.4 \pm 3.15	14.57 \pm 3.84	14.17 \pm 2.66	17.08 (11.64, 23.03)	20.26 (14.62, 26.16)
	L2a1a	10	11.43 \pm 2.72	14.95 \pm 5.28	13.83 \pm 3.51	10.24 (5.25, 15.82)	12.48 (7.12, 18.81)
	L2a1c	12	19.72 \pm 2.93	20.99 \pm 4.82	22.66 \pm 3.62	17 (12.04, 22.39)	20.36 (15.45, 25.57)
	L2a1f	9	9.09 \pm 2.26	7.87 \pm 2.62	9.73 \pm 2.23	10.65 (4.88, 17.19)	12.81 (6.52, 19.64)
	L2a1	49	21.89 \pm 3.12	23.45 \pm 4.12	24.08 \pm 3.19	23.18 (16.04, 31.25)	27.81 (20.71, 35.51)
	L3b1a1	32	3.97 \pm 2.05	1.96 \pm 0.92	2.73 \pm 0.72	8.84 (4.99, 13.16)	10.73 (6.69, 15.39)
	L3b1a	44	12.42 \pm 3.51	16.81 \pm 8.31	15.71 \pm 4.97	18.14 (12.97, 24.15)	21.83 (16.9, 27.78)
	L3e1	11	14.89 \pm 2.76	22.18 \pm 5.30	18.85 \pm 3.77	16.66 (11.3, 22.64)	19.62 (14.04, 25.70)
	L3e2a1b	8	10.26 \pm 3.04	7.87 \pm 2.78	7.49 \pm 2.23	8.25 (4.07, 13.59)	9.99 (5.29, 15.78)
	L3e2a	14	13.76 \pm 3.10	14.61 \pm 5.15	13.50 \pm 3.30	14.06 (7.96, 20.01)	16.64 (10.27, 22.32)
	L3e2b	19	13.81 \pm 2.29	13.25 \pm 3.26	16.74 \pm 2.71	24.68 (14.5, 37.35)	29.38 (18.23, 42.74)
	L3e3b	8	6.88 \pm 1.69	6.88 \pm 2.60	8.06 \pm 2.30	9.72 (4.98, 15.359)	11.43 (6.24, 18.12)
L3d1-5	14	25.85 \pm 3.25	35.98 \pm 6.26	32.59 \pm 4.43	26.41 (17.07, 36.62)	31.88 (22.04, 42.05)	
Europe	H1	70	11.90 \pm 1.63	10.00 \pm 1.73	11.06 \pm 1.63	13.91 (10.27, 18.09)	16.53 (13.46, 20.05)
	H3	20	10.74 \pm 1.71	10.23 \pm 2.22	11.29 \pm 1.88	15.84 (10.94, 21.23)	19.13 (14.27, 24.52)
	HV	204	21.66 \pm 4.11	22.22 \pm 7.25	25.91 \pm 6.2	23.39 (15.30, 32.95)	28.28 (19.99, 37.95)

	H	184	16.35 ±1.70	15.40 ±1.57	17.76 ±2.14	17.78 (12.67, 23.83)	21.52 (16.91, 27.10)
	J1c3	7	12.18 ±2.99	7.87 ±2.97	9.87 ±2.55	9.31 (5.64, 13.21)	11.03 (7.17, 15.14)
	J1c	25	16.96 ±4.00	8.18 ±2.04	13.27 ±2.24	13.32 (9.72, 17.29)	15.81 (12.57, 19.36)
	K1	18	21.24 ±3.64	24.05 ±4.85	24.33 ±3.68	14.46 (10.61, 18.79)	17.37 (13.96, 21.24)
	T1	8	13.02 ±3.25	15.74 ±4.82	13.83 ±3.36	12.54 (8.51, 16.83)	14.86 (10.58, 18.75)
	T2b	17	9.64 ±1.80	9.26 ±2.85	9.49 ±2.04	10.8 (7.21, 14.43)	12.71 (9.38, 15.98)
	T2	28	19.52 ±3.71	19.39 ±5.41	20.41 ±4.41	14.38 (10.60, 18.63)	17.14 (13.95, 20.68)
	U2'3'4'7'8'9	46	51.51 ±6.93	63.31 ±11.40	59.02 ±8.25	37.46 (27.76, 48.16)	45 (36.90, 53.29)
	U5a1	15	16.17 ±3.05	13.12 ±3.44	19.05 ±3.81	13.26 (9.65, 17.33)	15.82 (12.37, 19.40)
	U5a	26	21.22 ±3.66	16.95 ±3.05	22.34 ±3.86	16.84 (11.35, 23.12)	20.14 (15.01, 26.33)
	V	10	10.06 ±2.77	4.72 ±1.92	10.14 ±3.51	9.64 (5.67, 13.97)	11.38 (7.19, 15.85)
W	13	21.44 ±4.12	23.61 ±6.54	21.63 ±4.69	13.94 (9.78, 18.65)	16.76 (12.63, 21.35)	
America	A2	69	16.58 ±2.71	16.88 ±2.77	16.56 ±2.20	16.14 (11.19, 21.80)	19.19 (14.69, 24.58)
	A2w	15	6.10 ±1.27	7.34 ±2.34	7.99 ±1.89	11.99 (9.03, 15.43)	14.33 (11.93, 16.86)
	B2	44	18.62 ±3.42	13.77 ±4.20	21.05 ±5.08	15.7 (10.39, 22.28)	18.58 (13.39, 25.41)
	B2d	21	4.08 ±1.33	2.99 ±1.49	5.70 ±2.19	5.25 (1.61, 10.41)	6.32 (2.11, 12.82)
	C1	25	17.87 ±3.76	18.57 ±5.78	18.07 ±4.11	14.75 (10.2, 19.89)	17.59 (13.44, 22.64)
	D1	10	19.29 ±2.64	19.68 ±3.93	19.82 ±3.09	13.77 (9.49, 18.63)	16.43 (12.49, 21.35)

^a Coalescence time were estimated based on ρ statistics with Soares complete genome rate, ^b on ρ statistics with Soares synonymous rate, ^c on ρ statistics with modified Mishmar coding region rate, ^d using Bayesian MCMC method by BEAST with Ho and Endicott rate, ^e using Bayesian MCMC method by BEAST with Atkinson rate. *n* indicates number of sequence.

Table S3 Haplogroup frequencies in the five European populations

	CEU n=103	FIN n=97	GBR n=94	TSI n=105	IBS n=14	Total n=413
HV	3.88	1.03	0.00	3.81	7.14	2.42
H	28.16	14.43	20.21	28.57	21.43	23.00
H1	16.50	19.59	13.83	17.14	14.29	16.71
H3	4.85	2.06	9.57	1.90	14.29	4.84
V	2.91	4.12	0.00	1.90	7.14	2.42
J	7.77	8.25	10.64	7.62	7.14	8.47
T	9.71	3.09	9.57	11.43	14.29	8.72
I	0.97	2.06	3.19	0.00	0.00	1.45
W	4.85	2.06	2.13	3.81	0.00	3.15
X2	0.00	1.03	5.32	0.95	0.00	1.69
U1	0.00	0.00	0.00	0.95	7.14	0.48
U2	1.94	0.00	0.00	0.95	0.00	0.73
U3	0.97	1.03	0.00	0.00	0.00	0.48
U4	1.94	5.15	5.32	0.95	0.00	3.15
U5	12.62	28.87	13.83	7.62	0.00	15.01
U7	0.00	0.00	0.00	0.95	0.00	0.24
U8	0.00	1.03	1.06	0.95	0.00	0.73
K1	1.94	6.19	1.06	7.62	7.14	4.36
K2	0.97	0.00	4.26	0.95	0.00	1.45
L1	0.00	0.00	0.00	0.95	0.00	0.24
D4	0.00	0.00	0.00	0.95	0.00	0.24

Table S4 Haplogroup frequencies in the three American populations

	PUR n=55	CLM n=62	MXL n=67	Total n=184
A2	36.36	38.71	37.31	37.50
B2	7.27	43.55	19.40	23.91
C1	23.64	3.23	14.93	13.59
D1	0.00	1.61	13.43	5.43
D4	0.00	1.61	0.00	0.54
L(ex M,N)	16.36	8.06	0.00	7.61
M1	0.00	1.61	0.00	0.54
H	3.64	1.61	8.96	4.89
V	0.00	0.00	1.49	0.54
U	7.27	0.00	2.99	3.26
J	5.45	0.00	0.00	1.63
W	0.00	0.00	1.49	0.54

Table S5 910 mtDNA haplotypes compared to rCRS

HG00096	T152C A263G 310insC A750G A1438G A4769G G8592A A8860G C10394T G14569N A15326G A15340G T16093N T16519C
HG00097	A73G T195C A263G G709A A750G A1438G G1888A A2706G T4216C A4769G A4917G T5277C T5426C C6489A C7028T 8281delC 8282delC 8283delC 8284delC 8285delC 8286delT 8287delC 8288delT 8289delA G8697A A8860G T10463C A11251G G11719A A11812G G13368A A14233G C14766T G14905A C15028A G15043A A15326G C15452A A15607G G15928A T16126C 16183delA C16184A T16189C C16294T T16519C
HG00098	A73G T195C C242T A263G C295T C462T T489C A750G A1438G T2158C A2706G G3010A A3981G T4216C A4769G G5460A C5463T T6911C C7028T G8269A G8557A A8860G A10398G A11251G G11719A G12007A A12612G G13708A T13879C C14766T A15326G C15452A C16069T T16126C G16145A T16172C C16192T C16222T C16261T
HG00099	A263G A750G A1438G G3010A A4769G T6620C A8860G A15326G G15553A A15776N T16519C
HG00100	A73G A153G T195C G225A T226C A263G A750G A1438G G1719A A2706G A4769G G4820A A5496G T6221C C6371T C7028T C8393T A8860G A9468G G11719A C12705T G13708A A13966G T14470C C14766T A15326G G15927A T16189C C16223T C16278T T16519C
HG00101	A73G C150T G185A A263G C295T C462T T489C A750G A1438G A2706G G3010A T4216C A4769G C7028T A8860G G9055A G9755A A10398G A11251G G11719A A12612G G13708A C13934T C14766T T14798C A15326G C15452A C16069T T16126C
HG00102	A263G A750G A1438G A4769G A8860G A11908G A15326G G15466A T15721C T16519C
HG00103	A73G G185A A189G A263G C295T C462T T489C A750G A1438G A2706G G3010A T4216C G4491A A4769G A4829G C7028T A8860G A10398G A11251G G11719A A12612G G13708A C13934T C14766T T14798C A15326G C15367T C15452A C16069T T16126C G16390A
HG00104	A73G A263G A750G A1438G A2086N A2706G T3197C A4769G C7028T A8860G G9477A A9667G T11353C A11467G G11719A A12308G G12372A T13617C C14766T A14793G A15218G A15326G 16189delT C16256T C16270T C16291T A16399G
HG00106	A73G T146C C150T T152C A263G C295T T489C A750G A1438G A2706G T4216C A4769G C5633T C7028T C7476T A8860G G10172A A10398G A11084G A11251G G11719A A12612G G13708A C14766T G15257A A15326G C15452A G15812A C16069T T16126C C16193T C16278T T16519C
HG00108	A73G A153G T195C G225A T226C A263G A750G A1438G G1719A A2706G A4769G T6221C C6371T C7028T C8393T A8860G G11719A C12705T G13708A A13966G T14470C C14766T A15326G G15927A T16189C C16192T C16223T C16278T T16519C
HG00109	A73G T195C A263G 303delC T310C G499A A750G A1438G A1811G A2706G T4646C A4769G T5999C A6047G C7028T C8818T A8860G C11332T A11467G

	G11719A A12308G G12372A C14620T A14687G C14766T A15326G T15693C T16356C T16519C
HG00110	A263G A750G A1438G G3010A A4769G G5460A A8512G A8860G C14902T A15326G T16519C
HG00111	A263G A750G A1438G G3010A A4769G G5460A A8860G A15326G A15817G T16519C
HG00112	A263G C327T C456T A750G A1438G A4769G G5471A A8860G T12864C A15326G T16304C
HG00113	A73G A153G T195C A263G A750G A1438G G1719A A2706G A4769G G4820A A5496G T6221C C6371T C7028T C8393T A8860G A9468G G11719A C12705T G13708A A13966G T14470C C14766T A15326G G15927A T16189N C16223T C16278T T16519C
HG00114	A73G C150T A263G A723G A750G 955insC A1438G C1721T A2706G T3197C A3861G A4769G A5836G C7028T A7768G A8860G G9477A A10262G A11467G G11719A A12308G G12372A A13017G T13617C A13637G T14182C C14766T A15326G T16189C T16249C C16270T
HG00116	A73G C150T A263G A723G A750G 955insC A1438G C1721T A2706G T3197C A3861G A4769G A5836G C7028T A7768G A8860G G9477A A10262G A11467G G11719A A12308G G12372A A13017G T13617C A13637G T14182C C14766T A15326G T16189C T16249C C16270T
HG00117	A73G G185A A188G A263G C295T C462T T489C 514delC 515delA A750G A1438G G1503A A2706G G3010A T4216C A4769G C7028T A8860G A10398G A11251G G11719A A12612G G13708A C14766T T14798C G15314A A15326G C15452A C16069T T16126C C16366T G16390A T16519C
HG00118	T152C A263G A750G A1438G A4769G T6776C A8860G T13404C C14125T A15326G C16239G T16519C
HG00119	A73G T152N T195C A263G G709A A750G A1438G G1888A A2706G T4216C A4769G A4917G C7028T G8697A A8860G C8935T A9389G T9899C T10463C A11251G G11719A C12633A G13368A C14766T G14905A A15326G C15452A A15607G G15928A T16126C A16163G C16186T 16187delC T16189C C16294T T16519C
HG00120	A73G G185A G228A A263G C295T 310insC C462T T489C A750G A1438G A2706G G3010A T4216C A4769G A5198G C7028T A8860G A10398G A11251G G11719A A12612G G13708A C14766T T14798C A15326G C15452A C16069T T16126C
HG00121	A73G C497T A750G T1189C A1438G A1811G A2706G A3480G T4622C A4769G C6518T C7028T A8347T T8715C A8860G G9055A T9698C A10398G A10550G T11299C A11467G T11485C G11719A G11914A A12308G G12372A C14167T C14766T T14798C A15326G T16093C T16224C T16311C T16519C
HG00122	A73G C150T A263G A723G A750G 955insC A1438G C1721T A2706G T3197C A3861G A4769G A5836G C7028T A7768G A8860G G9477A A10262G A11467G G11719A A12308G G12372A A13017G T13617C A13637G T14182C C14766T A15326G T16124C T16189C C16192T T16249C C16270T
HG00123	A263G T310N A8860G G9142A G11914A T12954C G14305A A15326G A16235G

	C16291T C16292T G16319A
HG00124	A73G T146C T152C T199C T204C G207A T250C A263G T460C 567insC 573insC A750G A1438G G1719A A2706G A4529T A4769G C7028T G8251A A8860G G9438A T10034C T10238C A10398G G11719A G12501A C12705T C13056T A13780G C14766T G15043A A15326G A15758G A15924G G16129A C16223T G16391A T16519C
HG00125	T152C A263G A750G A1438G G3010A A4769G G5460A A8860G G9489A A15326G A15817G A16215G T16519C
HG00126	A214G A263G A750G A1438G A4769G T5999C A8860G T10101C C10211T A15326G T16519C
HG00127	A93G G6480A
HG00128	A73G T146C A263G A723G A750G A1438G A1811G C2217T A2706G T2882C A3480G T4452C A4769G G5231A C7028T A8860G G9055A T9698C T9716C A10550G T11299C A11467G G11719A C11869A A12308G G12372A G13135A A14037G C14167T C14766T T14798C A15326G G15949A T16126C T16224C T16311C T16519C
HG00129	T152C A263G A750G A1438G A4769G T6776C A8860G A11590G A12217G T14199N A14687G A15326G C16327N T16519C
HG00130	A73G A153G T195C A263G A750G A1438G G1719A A2706G G3705A A4769G T6221C C6371T C7028T T7741C C8393T A8860G T10454C G11719A C12705T G13708A A13966G T14470C C14766T A15326G G15927A 16189delT C16223T C16278T T16519C
HG00131	T152C A263G A6716G G16129A 16282insA
HG00133	T196C A263G A750G A1438G A4769G T8412C A8860G A9545G T9909C T11152C 12237delC G12651A T13500C A14013G A14203G G15110A A15326G
HG00134	A263G 310insC C315T A750G A1438G G3010A A4769G A8860G T10101C A15326G C16270T T16519C
HG00135	A73G A263G A750G A1438G G3010A A4769G A8860G A15326G A16051G A16162G T16519C
HG00136	A73G A263G T310N G709A A750G G930A A1438G G1888A A2706G T4216C A4769G A4917G G5147A C7028T C7397N G8697A A8860G T10463C A11251G G11719A A11812G A12699G G13368A A14233G C14766T G14905A A15326G C15452A A15607G G15928A T16126C C16294T C16296T T16304C T16519C
HG00137	T146C A263G 514delC 515delA A750G A1438G A4769G A6419G T6776C T7159C A8860G T11233C G12771A A15326G G16145A T16519C
HG00138	A263G 514delC 515delA A750G A1438G T1822C G3010A A3796G A4769G A8860G A15326G T16189C T16356C T16362C T16519C
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NA19168	A73G C150T A189G A200G A263G A750G A1438G T2352C A2706G T4047C A4769G T6221N G6261A C6587T C7028T A8701G A8860G T9540C A10398G A10819G T10873N G11719A C12705T A14152G T14212C G14569A C14766T G15301A A15326G T15670C T15942C G16153A C16223T C16327T
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NA19436	A73G A263G A750G A1438G A2706G C3450T A4769G G5773A T6221C C7028T A8701G A8860G C9449T T9540C G9966A A10086G G10373A A10398G T10873C A11002G G11719A A11800G C12705T A13105G C13914A C14766T G15301A A15311G A15326N A15824G G15883A 15942delT T16093C T16124C C16223T C16278T T16362C T16519C
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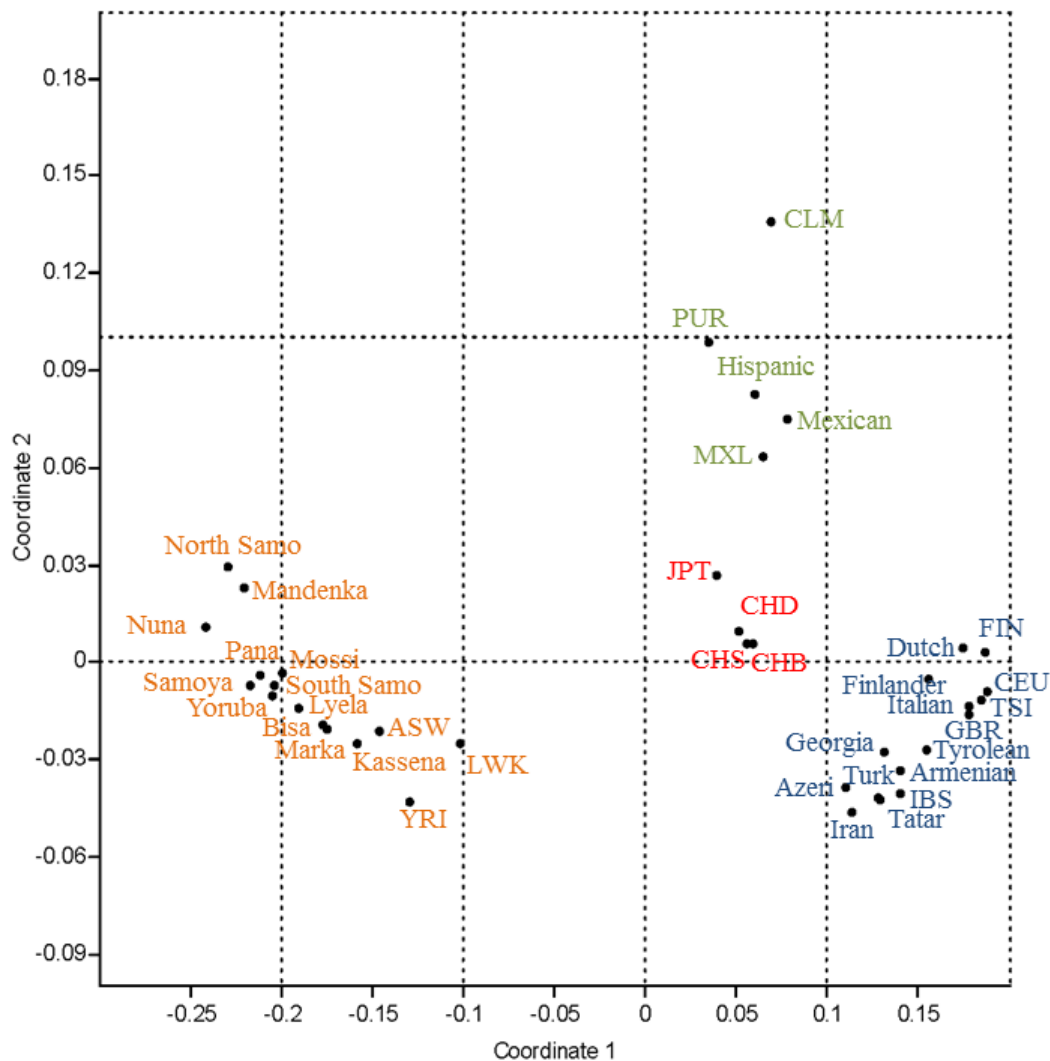
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NA20807	A73G T152C T217C A263G A508G A750G A1438G A1811G A2706G A3720G A3865G G4491A A4769G A5390G T5426C C6045T T6152C C7028T A8860G A10876G G11016A A11467G G11719A A12308G G12372A T13020C T13734C

	C14766T A15326G T15454C A15907G A16051G G16129C C16179T A16182C A16183C T16189C T16362C T16519C
NA20808	T204C A263G A750G A1438G A4769G A8860G G10646A A15326G A16183C T16189C C16320T T16519C
NA20809	A263G 310insC A750G A1438G G1719A A4769G G4924A T6776C A8860G A15326G T16519C
NA20810	G185A A263G A281G A750G A1438G T2863C G3010A A3771G A4769G G5460A A8860G A15326G T15747C T16092C C16264T G16319A T16519C
NA20811	A263G A750G A1438G G3010A A4769G T4859C G8856A A8860G G14258A A15326G A16037G T16189C T16519C
NA20812	A73G T152C A263G A750G A1438G T1700C A2706G T3197C A4722G A4769G T5495C C7028T A8860G A9007G G9477A A11467G G11719A A12308G G12372A T13617C C14766T A14793G G15110A A15218G A15326G A15924G C16256T C16270T A16399G
NA20813	A73G A263G 310insC C497T A750G T1189C A1438G A1811G T2628C A2706G A3480G A4769G C7028T A8860G G9055A T9698C A10398G A10550G T11299C A11467G A11470G G11719A G11914A A12308G G12372A T13443C C14167T C14766T T14798C A15326G A15924G T16093C T16224C T16311C T16519C
NA20814	A263G A750G A1438G A2706G A4769G A5372G T6248C C7028T A8860G G8994A T9096C A15326G C16286T
NA20815	A263G 310insC A750G A1438G A4769G T5442C A8860G G9932A C14149T A15326G T16519C
NA20816	A263G 514delC 515delA A750G 956delC A1438G C3992T A4024G A4769G T5004C G5147A G5471A A8860G G9123A C14365T A14582G A15326G C16176G
NA20818	A73G T152C A263G C295T C462T T489C A750G A1438G A2706G G3010A T4216C A4769G C7028T G7789A A7963G A8860G A9041G A10398G A11251G G11719A A12612G G13708A C14766T A15326G C15452A C16069T T16126C G16129A C16148T C16193T T16519C
NA20819	A73G T204C A263G 455insT G709A A750G A1438G G1888A A2706G T4216C A4769G A4917G C6053T C7028T G8697A A8860G T10463C A11251G G11719A C12633A G13368A A13470G C14766T G14905A A15326G C15452A A15607G G15928A T16126C A16163G C16186T T16189C C16294T T16519C
NA20826	A73G A263G C285T A750G A1438G C2218T A2706G A4769G G4991A G6026A C6041T T6293C C7028T A7253G T7581C A8860G A11467G G11719A A12308G G12372A T12879C A13104G A14070G G14364A C14766T G15106A T15115C G15148A G15217A A15326G A15746G A15954C A16182C A16183C T16189C T16249C
NA20828	A73G A263G C497T A750G T1189C A1438G A1811G A2706G A3480G A4769G G6465A C7028T A7118G A8860G G9055A T9698C A10398G A10550G T11299C A11467G T11485C G11719A A12017G A12308G G12372A G13708A C14167T A14181G G14569A C14766T T14798C A15326G G16129A A16177G T16224C T16311C G16390A T16519C

Sites are according to rCRS. del means deletion and ins means insertion. Others represent substitutions.

Figure S1 Non-metric multidimensional scaling of mtDNA Φ_{ST} distances



YRI, LWK, ASW, FIN, CEU, TSI, GBR, IBS, MXL, PUR, CLM were from current study. Previous reported data were CHB, CHD, CHS, JPT¹, North Samo, South Samo, Mandenka, Nuna, Pana, Mossi, Samoya, Yoruba, Bisa, Lyela, Marka, Kassena², Finlander³, Azeri, Iran, Turk, Georgia, Armenian⁴, Tatar⁵, South Tyrolean⁶, Italian⁷, Dutch⁸, Hispanic individuals⁹ and Mexians¹⁰. Orange, Africans; Red, East Asians; Green, Americas; Blue, Europeans and the Middle Easterners.

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