

Supplementary Table 1 - Sequence primers to amplify flanker and specific regions of the Y chromosome SNPs used to characterize haplogroup: simplex minisequencing protocols.

Y chromosome marker	Sequence 5'-3'	Product size (bp)	Mutation	Primer tail 5'-3'	Target sequence 5'-3'	Total primer size (nt)	Ancestral Allele (nt)	Derived Allele (nt)
Multiplex Y D/E a*								
PN2	F: GGTAACACCCATAAAGGTTG ^a R: TTCACTACCAGCCTAAGTAC ^a	247	C/T	-	CCCTAGGAGGAGAA	15	16 (C)	17 (T)
M174	F: CTCCGTCACAGCAAAAAAT R: AAAAGGAGAAGGACAAGACC	180	T/C	-	ATGCACCCCTCACTTCTGCACT	22	24 (T)	23 (C)
SY81	F: AGGCACTGGTCAGAAATGAAG ^a R: AATGGAAAATACAGCTCCCC ^a	209	G/A	-	TTATATTTTCATTGTAAACAAAAGT CC	26	29 (A)	27 (G)
M145	F: ACTTGCTCCACGACTTT R: CTTTTGGATCATGGTCTT	82	G/A	TCGTGAAAGTCTGACAA	GACACCAGAAAAGAAAGGC	35	36 (G)	38 (A)
Multiplex Y D/E b*								
M35	F: CATTTCATCTTTTTGTCC R: TAATCCATGCAGACTTTC	143	G/C	-	TTTTCTTTGGGACACTG	18	19 (G)	20 (A)
M33	F: ATACTGGCTTCTGTTCAA R: CTTACAATGGGAGTCACT	165	A/C	GCCACGTCGTGAAAGTCTGACAA	GTATAATATGTCTGAGAT	41	49 (A)	42 (C)
M75	F: AAAGTCACATTCCACACA R: GCATTTGTGAATTTTTAT	224	G/A	AGGTGCCACGTCGTGAAAGTCTGA CAA	AATTATCAAACCACATCC	45	46 (G)	58 (A)
Multiplex Y E3a**								
M58	F: CCTCTTAACTGTAGAAACA R: AAAAATAAACTCTAAATCTCT	202	G/A	-	TTG TCTTCTGCAGAATTGGC	20	22 (G)	21 (A)
M191	F: ACAGCGAGCAGTAAGTAAAAC R: TACCCAGACACACCAAAATAT	152	T/G	AGTCTGACAA	AAAATATCTCATATTTTCAT	30	31 (T)	33 (G)
M116.2	F: AAAAAGTCAAGTAGATGAAAA R: AAATAACTCACCAAAGGAAATG	218	A/C	GAAAGTCTGACAA	AAAAAATAATTTCAAAGTATA	35	36 (A)	42 (C)
M10	F: AAGACAATGAAGGGAGAGACT R: TTTCTGTTCTTTCACTTCAA	170	T/C	TGCCACGTCGTGAAAGTCTGACAA	GTAAAAACTTTACAAGTGCT	44	45 (T)	47 (C)
Simplex Y E3a **								
M149	F: TGCCTAACAAAACACTACACT R: TTTTACTTGTTCGTGACTTTCAA ^a	134	G/A	-	TAATAGAACACAAGC	15	19 (G)	16 (A)
Multiplex Y E3b*								
V6	F: ACAGCCGCCTATAGAGT R: GGTCTTTGGAGGATTTTG	190	G/C	-	TTGCTGTGATTCTGATGTG	20	21 (G)	23 (C)
M78	F: TGAACACAAAATTGATACACT R: TGAAAAGCAAGTACTATGAC	88	C/T	TGACAA	TTGAAATATTTGGAAGGGC	25	26 (C)	27 (T)
M281	F: CTAGAAATGCAAATTCCT R: GGTTGCACAACTCAGTA	99	G/A	GTCTGACAA	ATGGGGGGAACAGGGAAAGTC	29	30 (G)	31 (A)
M123	F: ATGCTCTCAGGGGAAAAT R: TGTTCCCCCATAGTTTT	167	G/A	GTGAAAGTCTGACAA	ATCTGAACTAGCATATCA	33	34 (G)	39 (A)
M81	F: CTCAGCTACACATCTCTTAACA R: GGAGCAATACTGTACTTTCACT	248	C/T	CACGTCGTGAAAGTCTGACAA	GTGTGAGTATACTCTATGAC	41	42 (C)	52 (T)
Simplex Y B **								
M60	F: GCACTGGCGTTCATCATCT ^a R: ATGTTTCATTATGGTTCAGGAGG ^a	388	-/T	-	TAACCACTGTGTGCCTGAT	19	24 (-)	20 (T)
Simplex F**								
M213	F: TATAATCAAGTTACCAATTACTGGC ^a R: TTTTGTAACATTGAATGGCAAA ^a	409	T/C	AAGTCTGACAA	TCAGAACTTAAAACATCTCGTTAC	35	38 (T)	36 (C)

SP38	L2a- α1	1	223T, 278T, 286T, 294T, 390A	+			+
SP28	L2a1- 3	1	093C, 189C, 192T, 223T, 278T, 294T, 309G	+			+
SP33	L2a1- 1	1	223T, 261T, 278T, 294T, 309G, 390A	+			+
SP35	L2a1- 2	1	189C, 223T, 278T, 292T, 294T, 309G	+			+
SP36	L2a1- 1	1	193T, 213A, 223T, 239T, 278T, 294T, 309G, 390A	+			+
SP40	L2a1- 1	5	223T, 278T, 294T, 309G, 390A	+			+
SP29	L2a1a	1	158G, 223T, 286T, 294T, 309G, 390A	+			+
SP37	L2a1a	1	223T, 278T, 286T, 294T, 309G	+			+
SP39	L2a1a	1	223T, 274A, 278T, 286T, 294T, 309G, 320T, 390A	+			+
SP42	L2b	1	114A, 129A, 213A, 223T, 274A, 278T	+			+
SP43	L2b	1	114A, 129A, 213A, 223T, 278T, 390A	+			+
SP41	L2b1	3	114A, 129A, 213A, 223T, 278T, 355T, 362C	+			+
SP44	L2b1	1	114A, 129A, 192T, 213A, 223T, 278T, 355T, 362C	+			+
SP45	L2c2	1	093C, 223T, 264T, 278T, 301T, 311C	+			+
SP46	L2d2	1	111A, 145A, 184T, 223T, 239T, 278T, 292T, 355T, 390A, 399G	+		-	+
SP51	L3b	1	126C, 223T, 278T, 290T, 319A, 362C	-		+	
SP47	L3b1	1	086C, 108T, 124C, 223T, 278T, 362C	-		+	
SP48	L3b1	1	124C, 150T, 223T, 278T, 362C	-		+	
SP49	L3b1	4	124C, 223T, 278T, 362C	-		+	
SP50	L3b2	3	124C, 223T, 278T, 311C, 362C	-		+	
SP52	L3d	1	124C, 223T, 260T	-			
SP54	L3d	1	124C, 223T	-			
SP55	L3d1	1	124C, 223T, 319A	-			
SP53	L3d2	1	124C, 223T, 256T	-			
SP56	L3e1	1	223T, 327T	-		+	
SP57	L3e1	1	176T, 223T, 327T	-		+	
SP58	L3e1	1	169T, 176T, 223T, 327T	-		+	
SP59	L3e1a	2	185T, 223T, 311C, 327T	-		+	
SP61	L3e2	1	223T, 311C, 320T	-		+	
SP62	L3e2	1	223T, 254G, 320T	-		+	
SP63	L3e2	1	223T, 292T, 311C, 320T	-		+	
SP64	L3e2	1	223T, 258T, 320T	-		+	
SP60	L3e2a	3	223T, 320T	-		+	
SP65	L3e3	5	223T, 265T	-		+	
SP66	L3f1	1	129A, 209C, 223T, 292T, 295T, 311C	-			
SP67	L3f1	1	129A, 209C, 218T, 223T, 292T, 311C	-			
SP68	L3f1	2	209C, 218T, 223T, 256T, 292T, 311C	-			
SP69	A2	1	111T, 172C, 223T, 290T, 319A	-			
SP70	A2	1	104T, 111T, 223T, 290T, 319A, 362C	-			
SP71	A2	1	111T, 126C, 223T, 259T, 290T, 319A, 327T, 362C	-			
SP72	A2	1	111T, 223T, 290T, 319A, 362C	-			
SP73	A5	1	187T, 223T, 290T, 319C	-			
SP74	B2	1	182C, 183C, 186T, 189C, 217C, 311C	-			
SP75	C1	1	223T, 298C, 325C, 327T	-			
SP76	C1	1	092C, 223T, 298C, 325C, 327T	-			

SP77	C1	2	223T, 292T, 298C, 325C, 327T
SP78	C1	1	126C, 223T, 298C, 325C, 327T
SP79	C1	1	114A, 126C, 223T, 298C, 325C, 327T
SP80	D1	1	223T, 325C, 362C
SP81	D1	1	142T, 179T, 223T, 295T, 325C, 362C
SP82	U6a	1	172C, 184T, 219G, 234T, 278T
SP83	K	1	093C, 224C, 311C
SP84	T2	1	126C, 240G, 292T, 294T
SP85	V	1	298C, 355T

Haplotype	HG*	N	HVS-II sequences
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SP22	L1c	1	073G, 151T, 152C, 182T, 186A, 189C, 240G, 247A, 263G, 291T, 297G, 315+C
SP29	L2a1a	1	073G, 146C, 152C, 195C, 242T, 263G, 315+C
SP71	A2	1	073G, 146C, 153G, 235G, 263G, 315+C

* HG- Haplogroup

**All sites are described in Alves-Silva et al., 2000 except 13957 and 13803 that are described in Salas et al., 2002.

Supplementary Table 3 – African populations with which were obtained complete matches of HVSI mtDNA sequences of Brazilian Blacks from São Paulo.

Haplotype	Phylogeography	References
SP01	Mbundu, Cabinda, Nairobi, Fali, Bantu-Mozambique, Lomwe, Ndau, Forros	15,17,21,29,31,34,35
SP02	Mbundu, Cabinda, Santiago, Bakaka, Bassa, Daba, Ewondo, Fali, Kotoko, Mafa, Podokwo, Tupuri, Uldeme, Afar, Amhara, Tigrai, Balanta, Beafada, Bijagó, Djola, Fula Preto, Mancanha, Mandinga, Mansonca, Nalu, Papel, Nairobi, Turkana, Sena, Tswa, Forros, Mandenka, Limba, Loko, Temne, Nubia	15,17,18,19,21,22,23,24,25,27,28,31,33,34,35,37
SP03	Cabinda, Bamileke, Egyptian, Chwado, Lomwe, Makhuwa, Nguni, Shangaan	15,21,27,34
SP04	Cabinda, Bakaka, Bamileke, Fali, Kotoko, Mafa, Uldeme, Nairobi, Kikuyu, non-Berber Moroccan, Bantu-Mozambique, Chopi, Nguni, Nyanja, Shangaan, São Tomé, Tongas, Datoga, Sukuma	15,17,19,21,22,26,29,32,34,35,37,67
SP05	Mbundu, Cabinda, Bamileke, Nairobi, Turkana, Bantu-Mozambique, Chopi, Chwabo, Lomwe, Makhuwa, Makonde, Ndau, Nguni, Nyanja, Nyungwe, Ronga, Sena, Shangaan, Shona, Tonga, Yao, São Tomé, Forros, Iraqw	15,17,21,26,29,31,34,35,37,67
SP06	Serer, Temne	24,32
SP07	Mbundu, Cabinda, Bakaka, Bamileke, Bassa, Daba, Ewondo, Fulbe, Mandara, Tali, Uldeme, El Hierro, Gran Canaria, Egyptian, Bijagó, Fula Preto, non-Berber Moroccan, Mauritanian, Shangaan, Shona, São Tomé, Forros, Tongas, Serer, Wolof, Limba, Loko, Mende, Temne, Khwe	15,20,21,24,27,28,31,32,33,34,35,67,68
SP08	Fulbe	37
SP09	Santo Antão, Manjaco, Bantu-Mozambique, Mandenka	18,23,29,33,37
SP11	Forros, Mende, Temne	24,35
SP12	Santiago, Bakaka, Bassa, Fulbe, Kotoko, Nubia, Balanta, Bijagó, Brame, Fula, Futa-Fula, Mansonca, Papel, Berber, Mauritanian, Chwabo, Fulbe, Hausa, Tuareg, Yoruba, Forros, Mandenka, Serer, Wolof, Limba, Mende, Temne	18,19,22,23,24,27,32,33,34,35,37
SP19	Shangaan	34
SP20	Mbundu, Forros	31,35
SP23	Cabinda, Hide, Bassa, Masa, Nairobi, Bantu-Mozambique, Lomwe, Sukuma	15,17,19,21,22,26,29,34
SP24	Hide, Mancanha, Yoruba, Limba	19,24,33,37
SP27	Cabinda, Bamileke, Bantu-Mozambique, Angolares, Loko	15,21,24,29,35
SP28	Fulbe, Bambara	32,37
SP30	Temne	24
SP31	Hide, Balanta, Somali, Nyanja, Sena, Shangaan, Tuareg, São Tomé, Mende, Shilluk	19,24,27,28,33,34,37,67
SP32	Mbundu, Bamileke, Ewondo, Nairobi, Makhuwa, Nyanja	17,21,31,34
SP33	Yoruba, Soninke	32,37
SP34	Cabinda, Kotoko, Masa, Fula Preto, Fulbe, Kanuri, São Tomé	15,19,33,37,67
SP35	Dinka	27
SP36	Futa Fula, Forros	33,35
SP37	Mbundu, Cabinda, Hide, Futa Fula, Papel, Bantu-Mozambique, Chwabo, Makonde, Ndau, Nyanja, Nyungwe, Ronga, Sena, Shona, Tswa, Songhai, Tongas, Bambara, Mende	15,19,24,29,31,32,33,34,35,37

SP38	Bantu-Mozambique, Tswa, Yoruba	29,34,37
SP40	Mbundu, Bubi, São Nicolau, Bamileke, Fulbe, Hide, Tali, Tupuri, Gran Canaria, Tenerife, Amhara, Balanta, Cassanga, Fula, Futa Fula, Kikuyu, Somali, Moroccan Souss, Chwabo, Lomwe, Makonde, Ndaou, Nyungwe, Shangaan, Shona, Fulbe, Tuareg, Forros, Bambara, Mandenka, Serer, Wolof, Mende, Limba, Nubia, Saharan	16,18,19,21,24,25,27,31,32,33,34,35,37,67,68
SP41	Cabinda, Santiago, Mafa, Baiote, Balanta, Beafada, Brame, Manjaco, Mansonca, Nalu, Papel, Yoruba, Tongas, Wolof	15,18,19,32,33,35,37
SP42	Cabinda, Fali, Fulbe, Hide, Mafa, Bantu-Mozambique, Chopi, Tonga	15,19,21,22,29,34
SP43	Fogo, Santiago, Balanta, Djola, Manjaco, Mandinka, Moroccan Souss, Diola, Wolof	16,18,32,33
SP46	Mandara, Balanta, Mandinga, Tongas, Wolof	21,32,33,35
SP49	Fogo, Maio, Santiago, Bamileke, Daba, Ewondo, Fali, Fulbe, Mafa, Mandara, Masa, Podokwo, Balanta, Djola, Futa Fula, Mandinga, Nalú, Nairobi, Moroccan Souss, Mauritanian, Makonde, Fulbe, Hausa, Kanuri, Songhai, Forros, Bambara, Diola, Peul, Tukolor, Wolof, Mende, Temne	16,17,18,19,21,22,24,32,33,34,35,37
SP50	Ewondo, Fali, Fulbe, Mandara, Masa, Tali, Nubia, Futa Fula, Bantu-Mozambique, Ndaou, Hausa, Forros	19,21,22,27,29,33,34,35,37
SP53	Cabinda, Fogo, Bakaka, Bamileke, Bassa, Fali, Fulbe, Afar, Amhara, non-Berber Moroccan, Mandenka, Serer, Loko	15,18,21,24,25,32,37
SP54	Santiago, Bakaka, Bassa, Fulbe, Banhu, Mandinga, Chopi, Ndaou, Tswa, Mandenka, Soce, Wolof, Temne	18,22,23,24,28,32,33,34,37
SP55	Mbundu, Oromo, Mansonca, Fulbe, Chopi, Chwabo, Nyanja, Nyungwe, Sena, Shangaan, Tswa, Sukuma	25,26,31,33,34,37
SP56	Mbundu, Cabinda, Hide, Mafa, Bantu-Mozambique, Lomwe, Nyungwe, Shangaan, Tswa	15,19,29,31,34
SP57	Cabinda, Bassa, Bantu-Mozambique, Shangaan	15,21,22,29,34
SP59	Cabinda, Nairobi, Bamileke, Bantu-Mozambique, Lomwe	15,17,21,29,34
SP60	Fogo, Santiago, São Nicolau, Santo Antão, Bakaka, Bamileke, Fulbe, Uideme, Baiote, Balanta, Bijagó, Djola, Fula, Mandinga, Nalú, Fulbe, Hausa, Tuareg, São Tomé, Forros, Mandenka, Diola	18,21,22,23,32,33,35,37,67
SP61	Bubi, Bassa, Fali, Fulbe, Mandara, Masa, Tali, Tupuri	19,21,22,67
SP64	São Tomé	67
SP65	Bubi, Cabinda, Bakaka, Bamileke, Bassa, Nairobi, Bantu-Mozambique, Chopi, Chwabo, Makonde, Nguni, Sena, Yao, Forros, Tongas	15,17,21,22,29,34,35,67
SP66	Cabinda, Bassa, Turkana, Bantu-Mozambique, Mende	15,22,24,29,37
SP68	Cabinda, Bantu-Mozambique, Shona	15,29, 34

Supplementary Table 4 - Major sub-Saharan African mtDNA haplogroups and their distributions in Black Brazilians (SP) and 18 African populations*

Haplogroup	African Populations																		
	SP	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
L0																			
L0a							0.006		0.033				0.018						
L0a1	0.088	0.045	0.111	0.103	0.100	0.044	0.097							0.018	0.033	0.015	0.051	0.055	
L0a2	0.039	0.068		0.028	0.100		0.177												
L0d							0.038												
L0d1							0.013												
L0d2							0.003												
L1b	0.049	0.045		0.018			0.006		0.067	0.048		0.027	0.027	0.075	0.100	0.046	0.017	0.015	
L1b1	0.039		0.111	0.009	0.060	0.066	0.006	0.100	0.135	0.024	0.210	0.163	0.178	0.205	0.133	0.015	0.103	0.099	0.067
L1c	0.049		0.111	0.028			0.003								0.067		0.026		
L1c1	0.078	0.045	0.111	0.085	0.020	0.109	0.019		0.033	0.048					0.018	0.068	0.046	0.043	0.055
L1c2	0.039	0.093	0.111	0.123	0.080	0.120	0.019												
L1c3		0.023		0.009			0.013												
L1c4																			
L1c5				0.009	0.040														
L2a- α 1	0.049	0.045		0.018			0.006	0.200	0.033			0.027	0.054	0.018	0.033				0.023
L2a- α 2				0.020						0.024		0.054			0.100	0.031	0.043	0.018	
L2a- α 3	0.029						0.010			0.052		0.027	0.037	0.068	0.077	0.043	0.003		
L2a1a	0.029	0.068		0.009			0.091	0.100	0.033	0.024								0.006	0.067
L2a1b							0.129					0.018						0.009	
L2a1- β 1	0.069	0.023		0.009	0.060	0.043	0.031		0.100	0.024	0.158	0.108	0.036	0.111	0.033	0.077	0.008	0.081	
L2a1- β 2	0.01	0.045				0.043	0.010		0.067	0.048	0.052	0.081		0.018	0.033	0.046	0.051	0.026	0.067
L2a1- β 3	0.01	0.068		0.009	0.020	0.065	0.013		0.033	0.071		0.027	0.009	0.018			0.034	0.020	0.196
L2b	0.02	0.045		0.009	0.020		0.013			0.071		0.081		0.018	0.033	0.015		0.023	
L2b1	0.039			0.057					0.033	0.048	0.215	0.108	0.027			0.031	0.008	0.060	
L2c				0.020	0.022				0.071	0.052	0.027	0.293	0.037			0.124	0.120	0.135	0.067
L2c1									0.027	0.062						0.017	0.006		

L2c2	0.01		0.018			0.006		0.024		0.027	0.018	0.033	0.062	0.017	0.015			
L2d1					0.043	0.010		0.048						0.026	0.015	0.067		
L2d2	0.01						0.100		0.081		0.056	0.033	0.015	0.034	0.006			
L3				0.120	0.130	0.013								0.037				
L3b	0.059	0.023		0.038	0.020	0.022	0.025	0.100	0.165	0.054	0.027	0.094	0.100	0.124	0.094	0.049	0.067	
L3b1	0.01							0.033	0.071	0.105		0.027	0.018		0.046	0.008	0.040	0.067
L3b2	0.029											0.009					0.003	0.067
L3d	0.02	0.023		0.009			0.025	0.200	0.133	0.024	0.054	0.045	0.056	0.033	0.046	0.068	0.055	0.067
L3d1	0.01	0.023		0.009			0.038											0.012
L3d2	0.01			0.009					0.024	0.052		0.036	0.018	0.100	0.015	0.043		
L3d3		0.023		0.028			0.003					0.026						0.030
L3e1	0.029	0.068		0.047	0.040	0.065	0.028		0.033						0.031			
L3e1a	0.02	0.045		0.038			0.038											
L3e1b				0.038	0.040	0.022	0.028											
L3e2	0.069	0.023	0.111		0.040		0.010	0.100	0.100	0.024		0.054	0.009		0.015	0.008	0.030	0.067
L3e2b				0.075									0.056			0.078	0.018	
L3e3	0.049	0.068		0.018	0.060	0.043	0.038		0.067		0.052		0.009					0.067
L3e4				0.009	0.080					0.024	0.052	0.027	0.036		0.077		0.033	
L3f		0.023	0.334	0.075	0.020	0.066	0.025	0.100	0.067	0.095								0.067
L3f1	0.039			0.057	0.020	0.043	0.010						0.056		0.046	0.060	0.023	
L3h																		0.037
L5a1		0.023																
L7		0.045		0.009	0.020	0.022							0.018					

*The numbers correspond to the following African populations: 1-Angola [31], N=44; 2-Fang [30], N=9 (Equatorial Guinea); 3-Cabinda [15], N= 106 (Cabinda, former Portuguese protectorate); 4- Bakaka [21], N=50 (Cameroon); 5-Bassa [21], N= 46 (Cameroon); 6- Mozambique [34], N=307; 7- Kanuri [37], N=10 (Niger, Nigeria); 8-Yoruba [36, 37], N= 30 (Nigeria); 9- Senegalese [32], N= 42 (Senegal); 10- Serer [32], N= 19 (Senegal); 11-Wolof [32], N= 37 (Senegal); 12- Mandenka [23], N= 112 (Senegal); 13- Mende [24], N=53 (Sierra Leone); 14- Loko [24], N=30 (Sierra Leone); 15- Limba [24], N=65 (Sierra Leone); 16- Temne [24], N=117 (Sierra Leone); 17-Twenty two ethnic groups from Guinea-Bissau [33], N=350 (Guinea-Bissau); 18- Hausa [37], N=15 (Niger, Nigeria).

Supplementary Table 5 - Major sub-Saharan African Y chromosome haplogroups and their distributions in Black Brazilians and twenty African populations*

Population (country)	N	E3*	E3a *	E3a7	E1*	E2*	E3b*	E3b1*	E3b2*	B*	Others
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
São Paulo (Brazil)	120	0	23	20	1	1	1	4	3	3	44
West Africa											
Wolof (Gambia/Senegal)	34	3	68	0	12	3	6	0	6	0	2
Mandinka (Gambia/Senegal)	39	0	79	0	3	0	0	5	3	3	7
Ewe (Ghana)	30	3	73	23	0	0	0	0	0	0	1
Ga (Ghana)	29	0	62	34	3	0	0	0	0	0	1
Fante (Ghana)	32	3	44	41	3	0	3	0	0	0	6
Fon (Benin)	100	0	38	57	0	5	0	0	0	0	0
Mossi (Burkina Faso)	49	2	68	22	0	4	2	0	0	2	0
Rimaibe (Burkina Faso)	37	3	57	8	5	27	0	0	0	0	0
West-Central Africa											
Mixed-Adamawa (Cameroon)	18	0	28	0	0	0	0	0	0	12	60
Fali (Cameroon)	39	0	26	33	0	0	0	0	0	18	23
Tali (Cameroon)	15	0	53	20	20	0	0	0	0	0	7
Tupuri (Cameroon)	21	0	0	0	0	0	0	0	0	11	89
Ewondo (Cameroon)	29	0	66	21	0	0	0	0	0	10	3
Bakaka (Cameroon)	29	0	59	41	0	0	0	0	0	0	0
Bamileke (Cameroon)	133	0	52	46	0	0	0	0	0	1	0
Bantu (Cameroon)	14	0	57	21	0	0	0	0	0	0	22
Bassa (Cameroon)	11	0	55	36	0	0	0	0	0	0	9
Ngoumba (Cameroon)	31	0	39	32	0	6	0	0	0	23	0
Nande (Democratic Republic of Congo)	18	0	33	37	0	0	0	0	0	0	30
Hema (Democratic Republic of Congo)	18	0	17	11	0	39	28	0	0	0	5

*The African population data were compiled from Cruciani et al. [49], Luis et al. [50], Beleza et al [15] and Wood et al. [51]