Table S1. HVS-I datasets used in this study.

General location	Location	Number	Reference
North Africa	Algeria	47	[1]
	Egypt	516	[2-5]
	Egypt (Berbers)	78	[6]
	Lybia	269	[7]
	Lybia (Tuareg)	129	[8]
	Morocco	438	[9-14]
	Morocco (Berbers)	278	[1,6,13]
	Morocco (Arabs)	443	[1,9]
	Tunisia	164	[1,14,15]
	Tuareg	22	[16]
East Africa	Ethiopia	518	[17-19]
	Ethiopia (Jews)	41	[20]
	Kenya	349	[16,21,22]
	Somalia	185	[16,19,22]
	Sudan	178	[2,19]
	Tanzania	168	[23,24]
	Tanzania (Click consoant-speakers)	210	[23,24]
Central Africa	Cameroon	609	[25-27]
	Cameroon (Pygmy)	241	[24,26]
	Congo (Pygmy)	60	[16,26]
	Central Africa Republic (Pygmy)	56	[26]
	Equatorial Guinea	45	[28]
	Gabon	831	[26]
	Gabon (Pygmy)	115	[26]

	Nigeria	1425	[16,25,27]
	Rwanda	42	[29]
West Africa	Burkina Faso (nomad pastoralists)	81	[25]
	Burkina Faso (Tuareg)	38	[30]
	Sierra Leone	276	[31]
	Ghana	238	[27]
	São Tomé and Princípe	153	[28,32]
	Cabo verde	291	[33]
	Senegal	280	[13,16,34]
Sahel	Chad	118	[16,25]
	Mali	261	[25,35,36]
	Mali (Tuareg)	22	[30]
	Niger	38	[16,25]
	Niger (Tuareg)	31	[30]
	Niger (nomad pastoralists)	127	[25]
	Mauritanea	94	[13,35]
	West Sahara	84	[1,13]
South Africa	Angola	519	[1,37,38]
	Kalahari Desert (Khoesan)	19	[16]
	Mozambique	416	[39,40]
	South Africa	563	[41]
	South Africa (Khoesan)	92	[24,42]
	Zambia	78	[43]
	Zimbabwe	59	[29]

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