

TABLE S1 The 73 Population Samples

	Geo- graphical Region	Population Sample	Sample Size (N)	Data Source
1	Africa	Biaka	69	Kidd Lab
2	Africa	Mbuti	38	Kidd Lab
3	Africa	Lisongo	8	Kidd Lab
4	Africa	YRI	88	1000 Genomes
5	Africa	Yoruba	77	Kidd Lab
6	Africa	Ibo	48	Kidd Lab
7	Africa	Zaramo	40	Kidd Lab
8	Africa	Hausa	39	Kidd Lab
9	Africa	Masai	20	Kidd Lab
10	Africa	LWK	97	1000 Genomes
11	Africa	Chagga	45	Kidd Lab
12	Africa	Sandawe	40	Kidd Lab
13	Africa	ASW	61	1000 Genomes
14	Africa	AfrAmericans	89	Kidd Lab
15	Africa	Somali	17	Kidd Lab
16	Africa	Ethiopians	37	Kidd Lab
17	SC Asia	Negroid Makrani	26	Kidd Lab
18	SW Asia	Kuwaiti	14	Kidd Lab
19	SW Asia	Samaritans	39	Kidd Lab
20	SW Asia	Yemenites	41	Kidd Lab
21	SW Asia	Palestinians	68	Kidd Lab
22	SW Asia	Druze	102	Kidd Lab
23	Europe	Roman Jews	27	Kidd Lab
24	Europe	Ashkenazi	116	Kidd Lab
25	Europe	TSI/Toscani	98	1000 Genomes/Kidd Lab
26	Europe	IBS	14	1000 Genomes
27	Europe	Sardinians	35	Kidd Lab
28	Europe	Adygei	54	Kidd Lab
29	Europe	Greeks	53	Kidd Lab
30	Europe	Hungarians	89	Kidd Lab
31	Europe	Chuvash	42	Kidd Lab
32	Europe	Irish	114	Kidd Lab
33	Europe	CEU	85	1000 Genomes
34	Europe	EuroAmericans	89	Kidd Lab
35	Europe	Russians, Archangelsk	33	Kidd Lab
36	Europe	Russians, Vologda	47	Kidd Lab
37	Europe	FIN	93	1000 Genomes
38	Europe	Finns	34	Kidd Lab
39	Europe	GBR	89	1000 Genomes

	Geo- graphical Region	Population Sample	Sample Size (N)	Data Source
40	Europe	Danes	51	Kidd Lab
41	W Siberia	Komi Zyriane	47	Kidd Lab
42	W Siberia	Khanty	50	Kidd Lab
43	SC Asia	Keralites	30	Kidd Lab
44	SC Asia	Thoti	14	Kidd Lab
45	SC Asia	Kachari	17	Kidd Lab
46	SC Asia	Pathans	100	Kidd Lab
47	SC Asia	Mohanna	50	Kidd Lab
48	SC Asia	Hazara	99	Kidd Lab
49	E Siberia	Yakut	51	Kidd Lab
50	E Asia	CHB	97	1000 Genomes
51	E Asia	CHS	100	1000 Genomes
52	E Asia	Chinese, San Francisco	58	Kidd Lab
53	E Asia	Chinese, Taiwan	50	Kidd Lab
54	E Asia	Hakka	41	Kidd Lab
55	E Asia	Koreans	54	Kidd Lab
56	E Asia	JPT	89	1000 Genomes
57	E Asia	Japanese	48	Kidd Lab
58	E Asia	Laotians	118	Kidd Lab
59	E Asia	Cambodians	24	Kidd Lab
60	E Asia	Ami	40	Kidd Lab
61	E Asia	Atayal	42	Kidd Lab
62	Pacific	Papuans, New Guinea	22	Kidd Lab
63	Pacific	Nasioi	23	Kidd Lab
64	Pacific	Malaysians	11	Kidd Lab
65	Pacific	Micronesians	35	Kidd Lab
66	Pacific	Samoans	8	Kidd Lab
67	N America	Pima Mexico	53	Kidd Lab
68	N America	Maya	50	Kidd Lab
69	S America	Quechua	22	Kidd Lab
70	S America	Guihiba	12	Kidd Lab
71	S America	Ticuna	65	Kidd Lab
72	S America	Rondonian Surui	43	Kidd Lab
73	S America	Karitiana	55	Kidd Lab