



**Supplemental Figure 1:** HIV-infected (red circles) and HIV-uninfected (black circles) African Americans from the ALIVE cohort, compared to 60 European Americans (blue triangles) and 60 Yorubans (green triangles) from the HapMap project, plotted on the axes of the first and second principal components as determined using principal components analysis (EIGENSTRAT (v1 and v2)).

Supplemental Table 1: Allele frequencies in European Americans1, Yorubans2, and African Americans enrolled in the ALIVE cohort.

Ancestry Informative Marker	African Allele Freq.	Yoruban (YRI) Allele Freq.	European (CEU) Allele Freq.	Freq difference YRI and CEU
rs5955757	0.84	0.99	0.04	0.95
rs930072	0.18	0.05	0.90	0.85
rs2249419	0.22	0.93	0.08	0.84
rs2811337	0.76	0.93	0.11	0.83
rs4879682	0.85	1.00	0.18	0.82
rs1462906	0.66	0.83	0.02	0.82
rs7933164	0.27	0.10	0.89	0.79
rs4595478	0.77	0.88	0.08	0.79
rs3830137	0.14	0.07	0.86	0.79
rs439890	0.67	0.86	0.07	0.79
rs1626153	0.36	0.21	0.98	0.77
rs2974190	0.64	0.80	0.03	0.77
rs867815	0.24	0.09	0.86	0.77
rs1003229	0.17	0.07	0.82	0.75
rs1878404	0.79	0.92	0.18	0.74
rs1894043	0.84	1.00	0.26	0.74
rs4130513	0.58	0.79	0.05	0.74
rs5906992	0.09	0.00	0.73	0.73
rs1151927	0.33	0.19	0.92	0.73
rs240993	0.84	0.95	0.23	0.73
rs2045638	0.79	0.97	0.25	0.72
rs42507	0.87	1.00	0.28	0.72
rs905646	0.76	0.90	0.18	0.72
rs3892158	0.35	0.18	0.89	0.71
rs2294097	0.38	0.26	0.97	0.71
rs7333151	0.67	0.79	0.08	0.71
rs727852	0.23	0.09	0.80	0.71
rs6842695	0.31	0.18	0.88	0.71
rs2241583	0.82	0.98	0.28	0.71
rs2249891	0.61	0.77	0.07	0.70
rs1909808	0.64	0.79	0.09	0.70
rs920249	0.31	0.17	0.87	0.70
rs2113807	0.84	0.95	0.25	0.70
rs758439	0.86	0.93	0.23	0.70
rs3780293	0.12	0.00	0.69	0.69
rs535638	0.67	0.82	0.13	0.69
rs2402526	0.26	0.13	0.82	0.68
rs953035	0.38	0.26	0.94	0.68
rs2569107	0.60	0.69	0.01	0.68
rs1027716	0.65	0.75	0.07	0.68
rs873893	0.82	0.96	0.28	0.68
rs943278	0.86	0.96	0.28	0.68
rs4778140	0.46	0.30	0.98	0.68
rs678957	0.63	0.74	0.07	0.68
rs40353	0.33	0.24	0.91	0.67
rs8046826	0.79	0.91	0.24	0.67
rs137116	0.12	0.02	0.68	0.66
rs1031402	0.79	0.93	0.28	0.65
rs1441236	0.72	0.83	0.18	0.65
rs322135	0.32	0.23	0.88	0.65
rs4662260	0.29	0.15	0.80	0.65
rs3733631	0.72	0.88	0.23	0.65
rs308956	0.69	0.82	0.18	0.64
rs3755152	0.37	0.26	0.90	0.64
rs3571	0.14	0.06	0.70	0.64
rs3783814	0.82	0.96	0.32	0.64
rs925331	0.69	0.81	0.17	0.64
rs195429	0.58	0.72	0.08	0.63
rs1009799	0.76	0.90	0.27	0.63
rs455726	0.10	0.02	0.64	0.63
rs1407569	0.55	0.73	0.11	0.63
rs3789882	0.57	0.29	0.92	0.63
rs927329	0.68	0.78	0.16	0.63
rs165335	0.29	0.16	0.78	0.62
rs173537	0.33	0.13	0.75	0.62
rs2124036	0.20	0.11	0.73	0.62
rs259251	0.21	0.13	0.74	0.61
rs764657	0.85	0.99	0.38	0.61
rs799912	0.18	0.03	0.64	0.61
rs1979813	0.41	0.28	0.88	0.60

1CEPH European Americans from Utah and 2 Yorubans from Nigeria, allele frequencies are from the International HapMap project.