

Table S12. Proportions of hyper HIV-1 and stable A3H individuals in each region and country.

Country/region*	# Individual*				% Stable A3H†	# Vif‡		% Hyper Vif
	Total	S/S	S/UI	UI/UI		# Total	# Hyper Vif	
Kenya	97	25	52	20	79.4	75	45	60.0
Nigeria	88	35	37	16	81.8	8	7	87.5
Spain	14	1	3	10	28.6	52	14	26.9
United Kingdom	89	0	25	64	28.1	11	5	45.5
Italy	98	2	17	79	19.4	3	0	0
United States	212	15	52	145	31.6	917	417	45.5
China	197	3	26	168	14.7	97	43	44.3
Japan	89	0	16	73	18.0	46	16	34.8
Africa					78.0			68.8
Europe					23.5			37.3
North America					19.9			45.2
Asia					15.7			28.5

* The data was extracted from 1000 Genomes Project (<http://www.internationalgenome.org>). S, stable (haplotypes II, V, and VII); UI, unstable (haplotypes III, IV, and VI) and intermediate (haplotype I). See also Table S11.

† The individuals with S/S and S/UI are determined as "stable A3H".

‡ The data was extracted from HIV-1 sequence database

(<https://www.hiv.lanl.gov/components/sequence/HIV/search/search.html>). "Hyper Vif" is defined as the sequence possessing F or Y at position 39 and H at position 48.