Electronic Supplementary Material

The V1 region of gp120 is preferentially selected during SIV/HIV transmission and is indispensable for envelope function and virus infection

Yanpeng Li[1], Ulf Dittmer[2], Yan Wang[1], Jiping Song[1], Binlian Sun[1]✉, Rongge Yang[1]✉

1. Research Group of HIV Molecular Epidemiology and Virology, Center for Emerging Infectious Diseases, State Key Laboratory of Virology, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan 430071, China
2. Institute for Virology, University Hospital Essen, University of Duisburg-Essen, 45122 Essen, Germany

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Table S1. Env sequences used in this study

SIV/HIV-1	SIV/HIV-2	HIV subtypes (group)		
			Historical	Contemporary
SIVs (49)	SIVsmm (33)	B	52	180
SIVgsn/mon/mus (8)	SIVmac (27)	C	43	422
SIVcpz(28)	HIV-2 (30)	D	10	15
HIV-1 (62)*		G	11	26
		01_AE	50	143
		02_AG	13	22
		O	10	8

Note: *For HIV-1, we choose all the representative sequences from each subtype (group) for the analysis. Historical and contemporary sequences were sequences having 15–20-year sampling time intervals and excluded subtypes that did not have a sufficient number of sequences according to our criteria in the methods.

Table S2. Sequences used in the analysis of SIV/HIV-1 transmission history in Figure 1

Table S3. Historical and contemporary HIV-1 sequences used in analysis in Figure 2