

SUPPLEMENTAL MATERIAL

Shingai et al., <http://www.jem.org/cgi/content/full/jem.20132494/DC1>**Table S1.** Anti-HIV IC₅₀ neutralization titers determined in rhesus PBMC

mAb	IC ₅₀ PBMC	
	SHIV _{AD8EO}	SHIV _{DH12-V3AD8}
VRC01	3.73	9.34
PGT-121	0.55	0.31
10-1074	0.74	0.41
45-46m2	ND	2.42
3BNC117	0.74	2.04

IC₅₀ concentrations of indicated mAbs derived from 14-d neutralizing assays performed using rhesus macaque PBMC and ³²P RT assay as readout. ND, not done.

Table S2. Determination of the 50% protection titer against SHIV_{AD8EO} (Reed and Muench, 1938)

Endpoint neutralization titer in plasma	Animal number		Accumulated value		Protected	
	Protected	Infected	Protected ^a	Infected ^b	Ratio	Percentage
SHIV _{AD8EO}						
2,773	1	0	12	0	12/12	100
2,495	1	0	11	0	11/11	100
2,075	1	0	10	0	10/10	100
2,004	1	0	9	0	9/9	100
633	1	0	8	0	8/8	100
618	0	1	7	1	7/8	88
563	1	0	7	1	7/8	88
384	1	0	6	1	6/7	86
372	1	0	5	1	5/6	83
272	1	0	4	1	4/5	80
176	0	1	3	2	3/5	60
162	1	0	3	2	3/5	60
115	1	0	2	2	2/4	50 ^c
75	0	1	1	3	1/4	25
68	0	1	1	4	1/5	20
65	0	1	1	5	1/6	17
56	0	1	1	6	1/7	14
55	1	0	1	6	1/7	14
55	0	1	0	7	0/7	0
53	0	1	0	8	0/8	0
27	0	1	0	9	0/9	0
20	0	1	0	10	0/10	0
20	0	1	0	11	0/11	0
20	0	1	0	12	0/12	0
20	0	1	0	13	0/13	0
17	0	1	0	14	0/14	0

^aSum from the bottom.

^bSum from the top.

^cEndpoint protection titer (50% protective titer) was calculated to be 1:115.

Table S3. Determination of the 50% protection titer against SHIV_{DH12-V3AD8} (Reed and Muench, 1938)

Endpoint neutralization titer in plasma	Animal number		Accumulated value		Protected	
	Protected	Infected	Protected ^a	Infected ^b	Ratio	Percentage
SHIV _{DH12-V3AD8}						
13,805	1	0	16	0	16/16	100
13,120	1	0	15	0	15/15	100
12,669	1	0	14	0	14/14	100
12,055	1	0	13	0	13/13	100
2,282	1	0	12	0	12/12	100
1,972	1	0	11	0	11/11	100
539	0	1	10	1	10/11	91
422	1	0	10	1	10/11	91
420	1	0	9	1	9/10	90
376	1	0	8	1	8/9	89
159	1	0	7	1	7/8	88
143	1	0	6	1	6/7	86
142	1	0	5	1	5/6	83
136	0	1	4	2	4/6	67
106	1	0	4	2	4/6	67
101	1	0	3	2	3/5	60 ^c
90	0	1	2	3	2/5	40 ^c
80	1	0	2	3	2/5	40
70	0	1	1	4	1/5	20
52	1	0	1	4	1/5	20
39	0	1	0	5	0/5	0
35	0	1	0	6	0/6	0
20	0	1	0	7	0/7	0
20	0	1	0	8	0/8	0
20	0	1	0	9	0/9	0
20	0	1	0	10	0/10	0
20	0	1	0	11	0/11	0
20	0	1	0	12	0/12	0
20	0	1	0	13	0/13	0

^aSum from the bottom.

^bSum from the top.

^cEndpoint protection titer (50% protective titer) was calculated to be 1:95.5.