

Table S1. Serum neutralization from immunized NHPs against RC1, 11MUTB, and indicated pseudovirus (PV) and replication competent virus (RC) simian-human immunodeficiency virus (SHIV) strains

			RC1	11MUTB	SHIV ^{DH12-v3AD8} (PV)	SHIV ^{DH12-v3AD8} (RC)	SHIV ^{AD8EO} (PV)	SHIV ^{SF162.LS} (PV)	SHIV ^{SF162P3} (RC)
NHP 1 (DGJI)	Week 2 (P, RC1-4fill-VLP)	2 weeks Post Prime	400	<100	<20	<20	<20		
	Week 8 (P, RC1-4fill-VLP)	8 weeks Post Prime	60,000	1,600	45	28	NT		
	Week 11 (B1, 11MUTB-4fill-VLP)	2 weeks Post B1	100,000	60,000	50	36	<20		
	Week 25 (B2, B41-5MUT-VLP)	3 weeks Post B2	48,000	29,000	1,568	53	NT		
	Week 41 (B3, Du422/AMC011-VLP)	2 weeks Post B3	62,000	29,000	3,502	59	21	>4860	<20
	Week 65 (B4, ConM/ConC-VLP)	2 weeks Post B4	57,000	11,000	1,687	59	NT		
	Week 67 (Challenge)	2 weeks Post Challenge			815	26			
	Week 72 (Challenge)	7 weeks Post Challenge			328	20			
Week 75 (Challenge)	10 weeks Post Challenge			516	27				
NHP 2 (DGPE)	Week 2 (P, RC1-4fill-VLP)	2 weeks Post Prime	200	<100	<20	<20	<20		
	Week 8 (P, RC1-4fill-VLP)	8 weeks Post Prime	10,000	1,200	<20	<20	NT		
	Week 11 (B1, 11MUTB-4fill-VLP)	2 weeks Post B1	300,000	300,000	46	25	<20		
	Week 25 (B2, B41-5MUT-VLP)	3 weeks Post B2	550,000	390,000	3,373	126	NT		
	Week 41 (B3, Du422/AMC011-VLP)	2 weeks Post B3	370,000	250,000	3,302	92	<20	>4860	<20
	Week 65 (B4, ConM/ConC-VLP)	2 weeks Post B4	140,000	140,000	5,215	126	NT		
	Week 67 (Challenge)	2 weeks Post Challenge			1,369	63			
	Week 72 (Challenge)	7 weeks Post Challenge			>43,740	648			
Week 75 (Challenge)	10 weeks Post Challenge			28,917	1,157				
NHP 3 (T10)	Week 2 (P, RC1-4fill-VLP)	2 weeks Post Prime	250	<100	<20	29	<20		
	Week 8 (P, RC1-4fill-VLP)	8 weeks Post Prime	6,500	350	<20	25	NT		
	Week 11 (B1, 11MUTB-4fill-VLP)	2 weeks Post B1	100,000	50,000	54	43	<20		
	Week 25 (B2, B41wt-VLP)	3 weeks Post B2	100,000	60,000	1,003	70	NT		
	Week 41 (B3, Du422/AMC011-VLP)	2 weeks Post B3	90,000	59,000	2,864	85	<20	>4860	<20
	Week 65 (B4, ConM/ConC-VLP)	2 weeks Post B4	90,000	36,000	3,106	122	NT		
	Week 67 (Challenge)	2 weeks Post Challenge			792	21			
	Week 72 (Challenge)	7 weeks Post Challenge			10,169	621			
Week 75 (Challenge)	10 weeks Post Challenge			16,258	2,125				
NHP 4 (T15)	Week 2 (P, RC1-4fill-VLP)	2 weeks Post Prime	400	400	<20	<20	<20		
	Week 8 (P, RC1-4fill-VLP)	8 weeks Post Prime	75,000	8,000	<20	<20	NT		
	Week 11 (B1, 11MUTB-4fill-VLP)	2 weeks Post B1	300,000	300,000	28	<20	<20		
	Week 25 (B2, B41wt-VLP)	3 weeks Post B2	130,000	70,000	1,345	58	NT		
	Week 41 (B3, Du422/AMC011-VLP)	2 weeks Post B3	150,000	58,000	8,308	164	<20	>4860	<20
	Week 65 (B4, ConM/ConC-VLP)	2 weeks Post B4	140,000	39,000	9,953	256	NT		
	Week 67 (Challenge)	2 weeks Post Challenge			14,096	98			
	Week 72 (Challenge)	7 weeks Post Challenge			>43,740	588			
Week 75 (Challenge)	10 weeks Post Challenge			>43,740	1,597				
NHP 5 (DGNB)	Week 2 (P, RC1-4fill-VLP)	2 weeks Post Prime	400	<100	<20	<20	<20		
	Week 8 (P, RC1-4fill-VLP)	8 weeks Post Prime	10,000	400	<20	54	NT		
	Week 11 (B1, 11MUTB-4fill-VLP)	2 weeks Post B1	200,000	90,000	26	21	<20		
	Week 25 (B2, B41-5MUT-VLP)	3 weeks Post B2	63,000	35,000	1,717	50	NT		
	Week 41 (B3, Du422/AMC011-VLP)	2 weeks Post B3	84,000	48,000	2,245	47	<20	>4860	<20
	Week 71 (B4, ConM/ConC-VLP)	2 weeks Post B4	46,000	23,000	2,314	NT	NT		
	Week 73 (Challenge)	2 weeks Post Challenge			1,248	67			
NHP 6 (HAA)	Week 2 (P, RC1-4fill-VLP)	2 weeks Post Prime	200	<100	<20	23	<20		
	Week 8 (P, RC1-4fill-VLP)	8 weeks Post Prime	10,000	1,000	<20	<20	NT		
	Week 11 (B1, 11MUTB-4fill-VLP)	2 weeks Post B1	90,000	100,000	35	26	<20		
	Week 25 (B2, B41-5MUT-VLP)	3 weeks Post B2	79,000	78,000	3,121	71	NT		
	Week 41 (B3, Du422/AMC011-VLP)	2 weeks Post B3	75,000	47,000	4,070	135	<20	>4860	<20
	Week 71 (B4, ConM/ConC-VLP)	2 weeks Post B4	95,000	26,100	2,229	56	NT		
Week 73 (Challenge)	2 weeks Post Challenge			2,157	87				
NHP 7 (DGMK)	Week 2 (P, RC1-4fill-VLP)	2 weeks Post Prime	200	<100	<20	<20	<20		
	Week 8 (P, RC1-4fill-VLP)	8 weeks Post Prime	10,000	400	<20	<20	NT		
	Week 11 (B1, 11MUTB-4fill-VLP)	2 weeks Post B1	80,000	50,000	26	<20	<20		
	Week 25 (B2, B41wt-VLP)	3 weeks Post B2	130,000	51,000	584	36	NT		
	Week 41 (B3, Du422/AMC011-VLP)	2 weeks Post B3	88,000	40,000	1,814	88	<20	1239	<20
	Week 71 (B4, ConM/ConC-VLP)	2 weeks Post B4	60,000	23,000	1,393	39	NT		
Week 73 (Challenge)	2 weeks Post Challenge			1,461	57				
NHP 8 (HMK)	Week 2 (P, RC1-4fill-VLP)	2 weeks Post Prime	1000	<100	<20	37	<20		
	Week 8 (P, RC1-4fill-VLP)	8 weeks Post Prime	10,000	500	<20	<20	NT		
	Week 11 (B1, 11MUTB-4fill-VLP)	2 weeks Post B1	200,000	100,000	58	21	<20		
	Week 25 (B2, B41wt-VLP)	3 weeks Post B2	78,000	45,000	1,174	62	NT		
	Week 41 (B3, Du422/AMC011-VLP)	2 weeks Post B3	55,000	48,000	3,264	111	<20	>4860	<20
	Week 71 (B4, ConM/ConC-VLP)	2 weeks Post B4	150,000	53,000	2,047	58	NT		
Week 73 (Challenge)	2 weeks Post Challenge			1,931	59				