

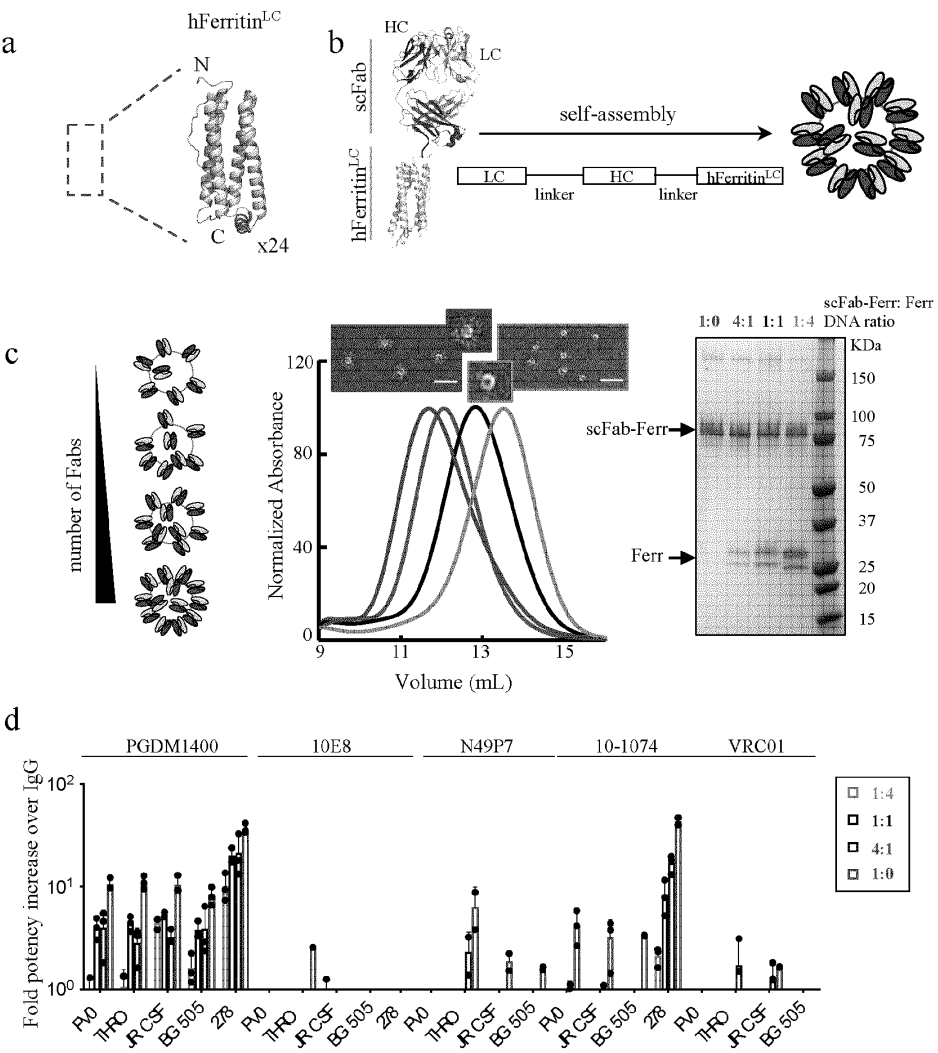


Figure 1

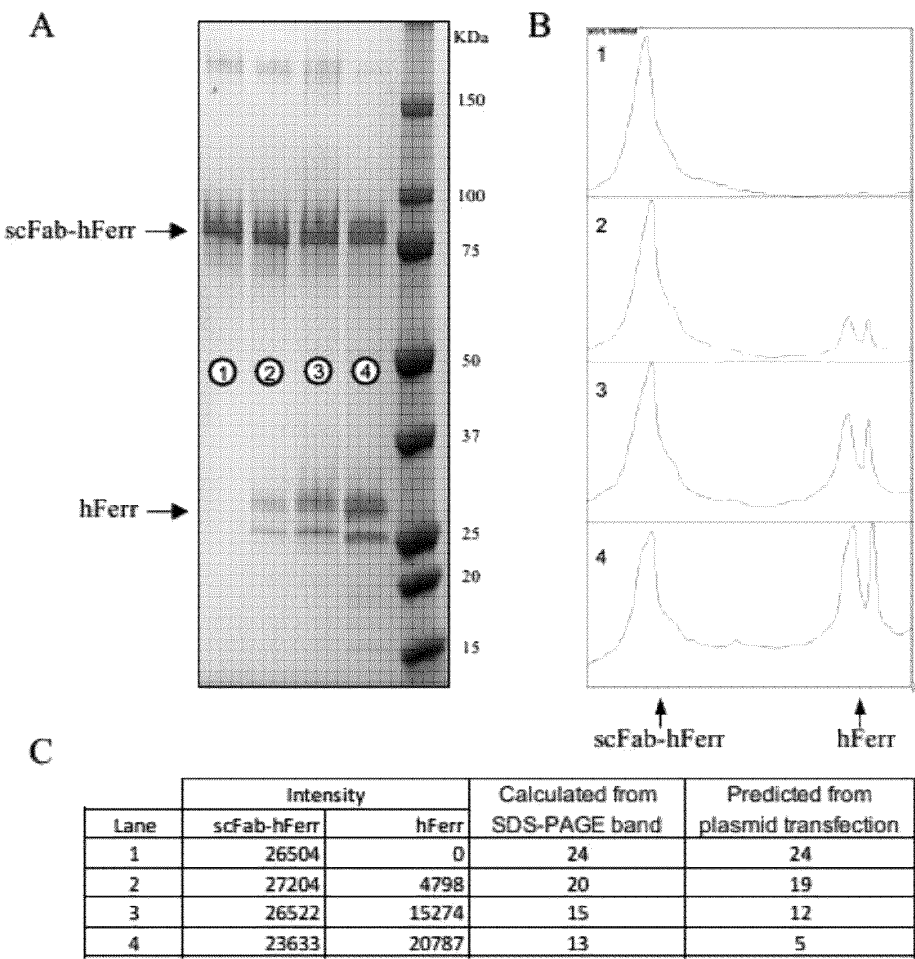


Figure 2

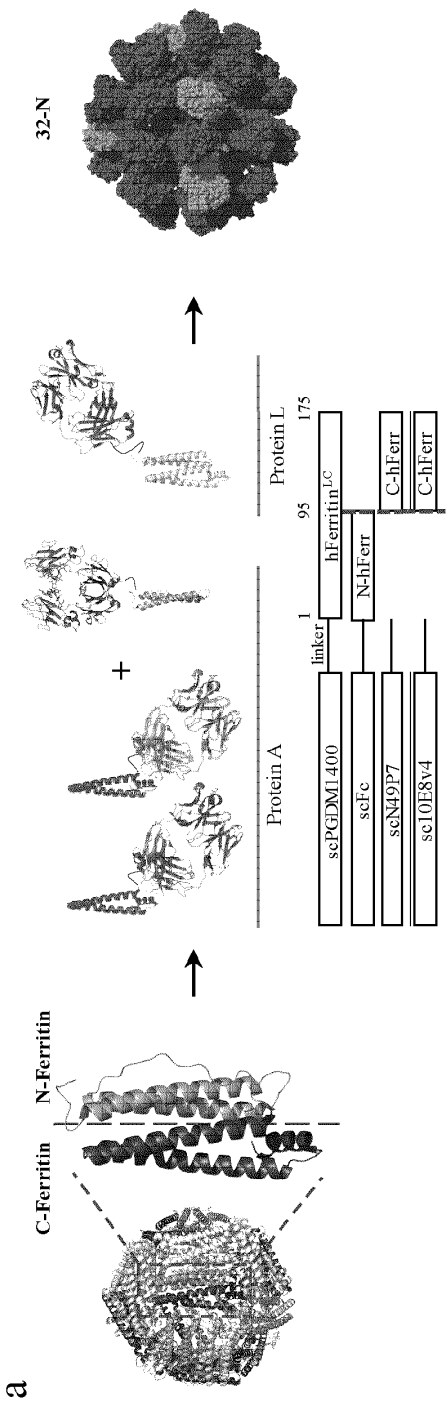


Figure 3a

b

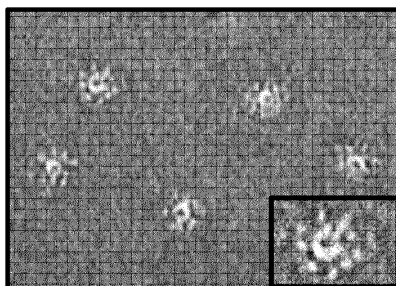


Figure 3b

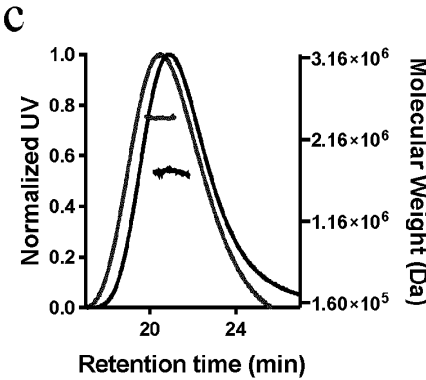


Figure 3c

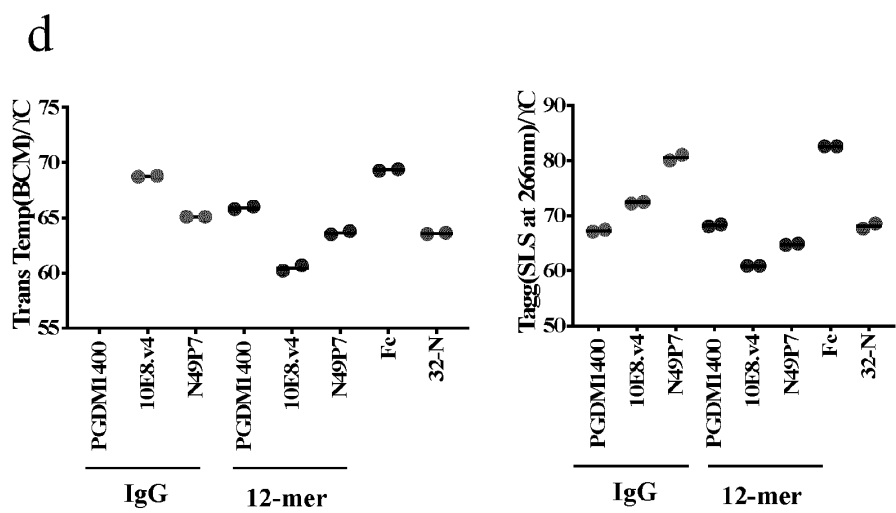


Figure 3d

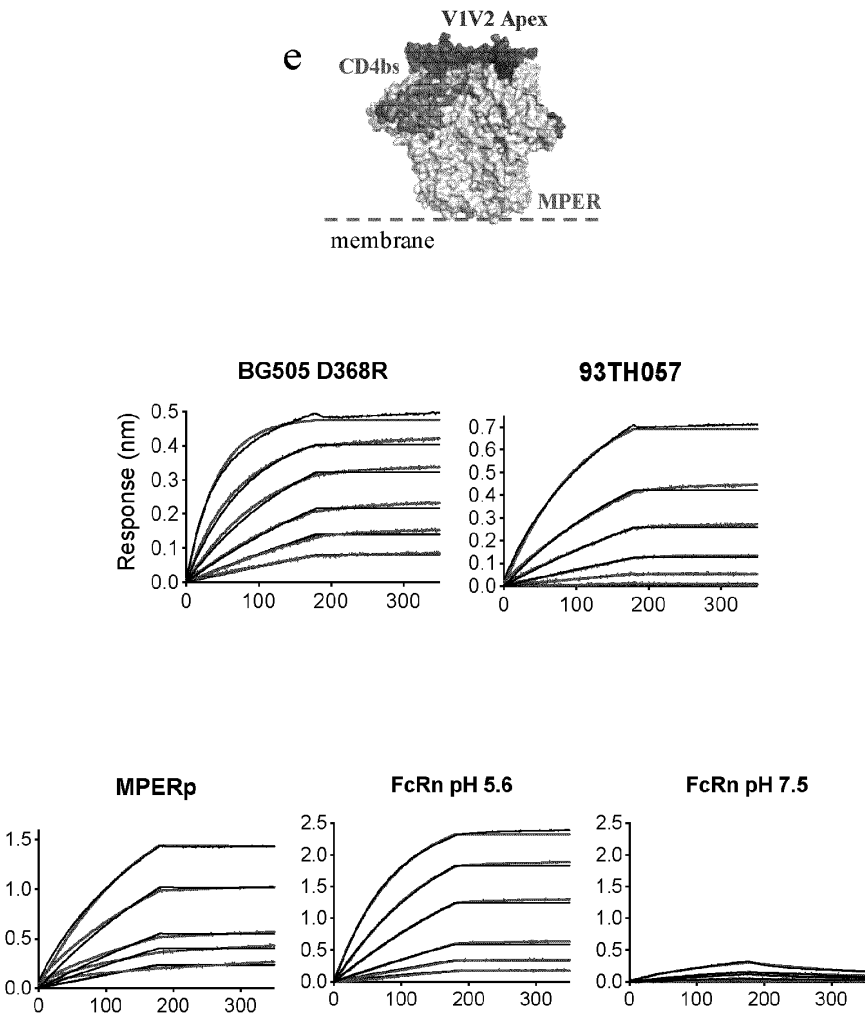


Figure 3e

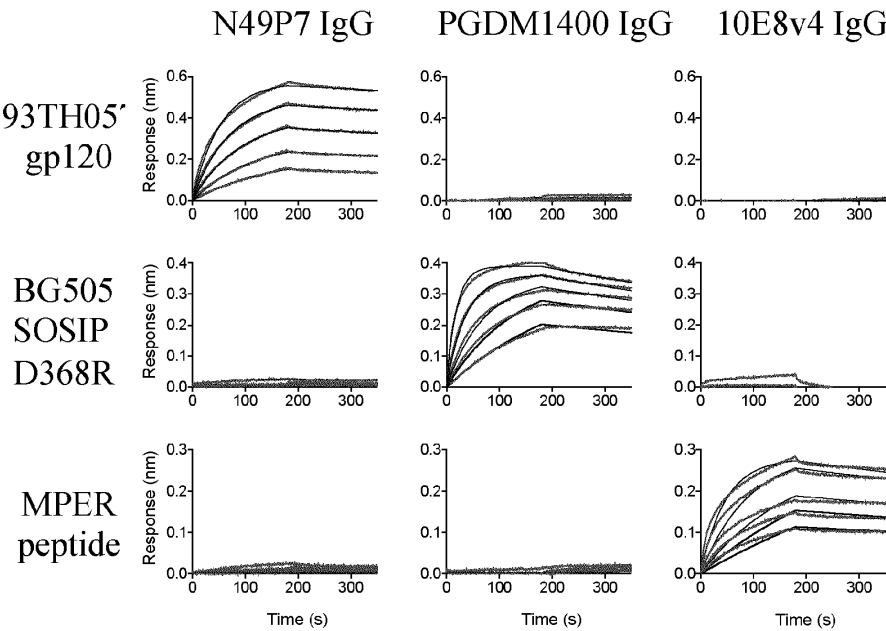
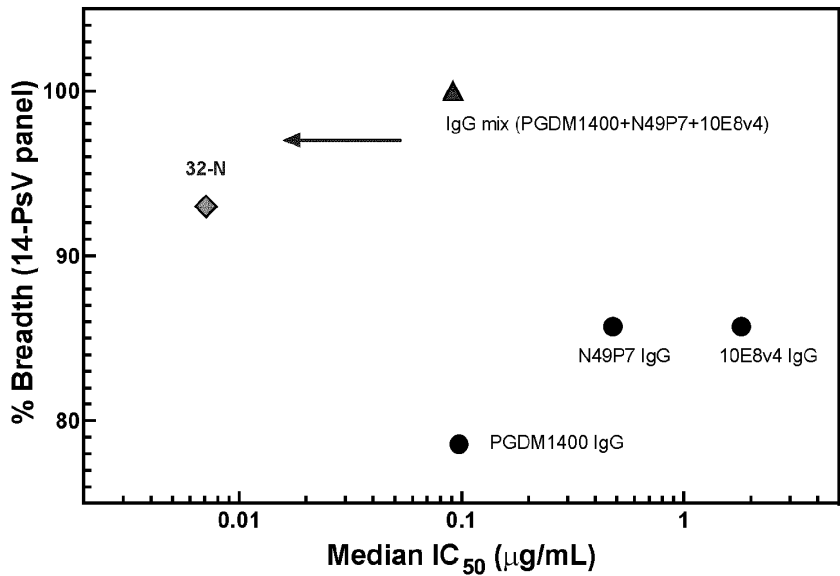


Figure 4

a



b

HIV-1 PsV	IgG			IgG mix	32-N
	PGDM1400	N49P7	10E8v4		
CRF02_AG (Clone 257)	0.012	1.24	1.5	0.021	0.0048
CRF02_AG (Clone 278)	0.16	> 10	1.8	0.16	0.0065
X1632	0.018	> 10	2	0.042	0.0071
ZM106.9	0.013	0.18	> 10	0.016	0.006
JRCSF	0.0074	0.13	1.8	0.0081	0.0067
pTHRO4156	0.092	7.5	0.37	0.13	0.12
3817.V2	> 10	3.3	3.1	7.2	> 10
PVO, clone 4	1.26	0.28	6.3	0.85	0.11
X2088	> 10	0.38	> 10	1.5	0.96
Du422	6	9.9	0.55	0.25	8.5
ZM197MPB7	0.1	0.58	0.19	0.031	0.022
pCNE8	0.0027	0.28	0.96	0.012	0.0029
BG505	0.0032	0.21	1.36	0.0088	0.0065
SF162	> 10	0.15	3.03	0.56	2.5
Breadth	78	86	86	100	93
Median IC ₅₀ (µg/mL)	0.071	0.33	1.65	0.086	0.0071

Figure 5

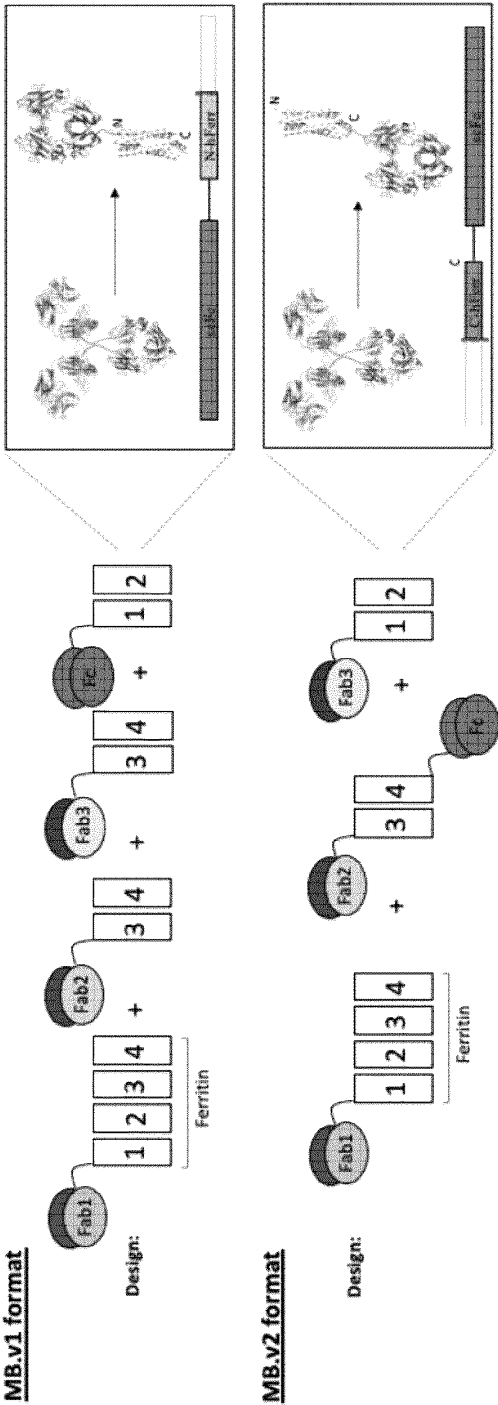


Figure 6

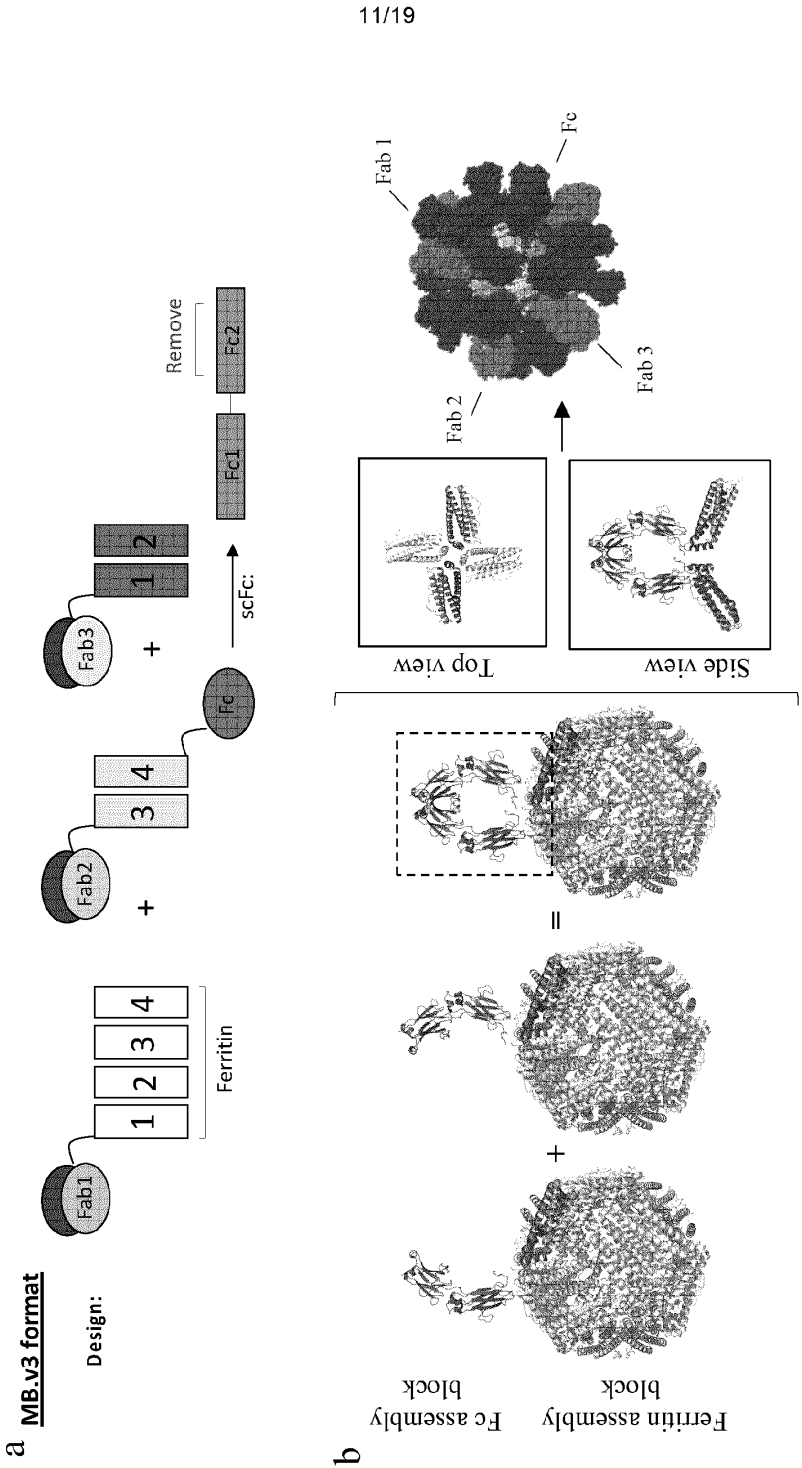


Figure 7

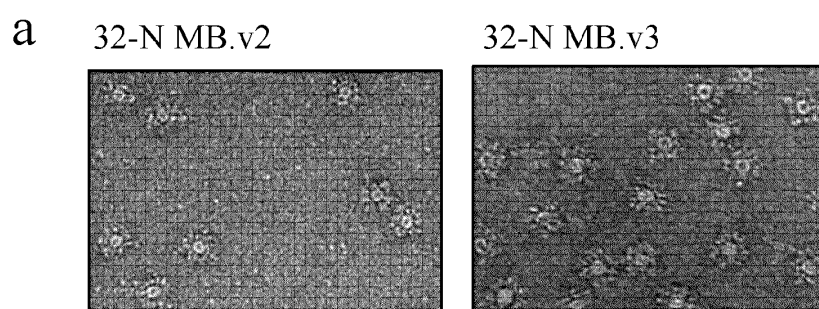


Figure 8a

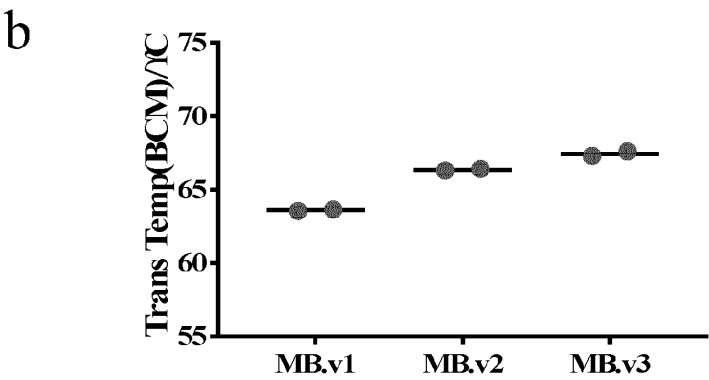


Figure 8b

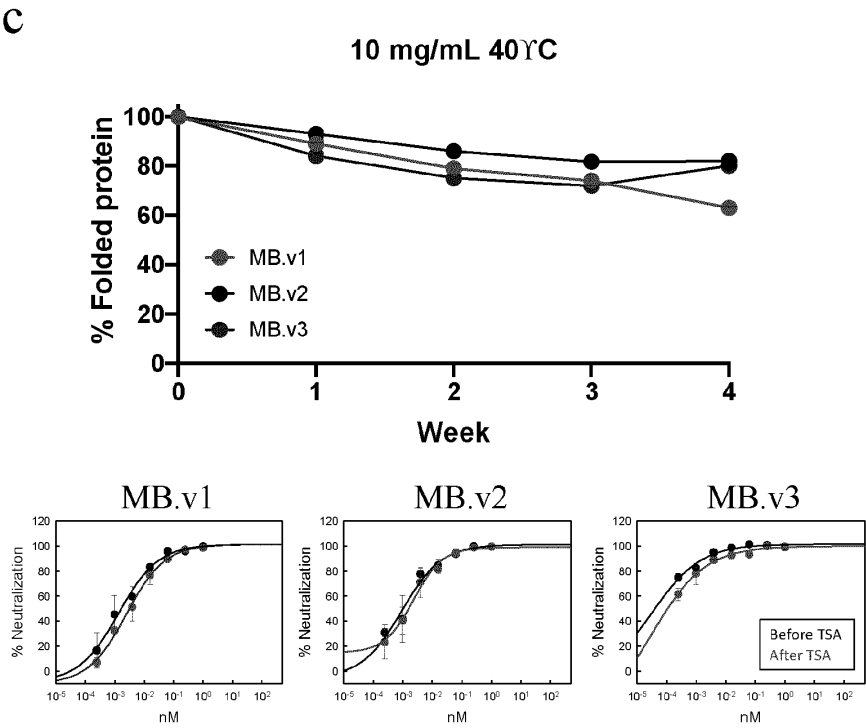


Figure 8c

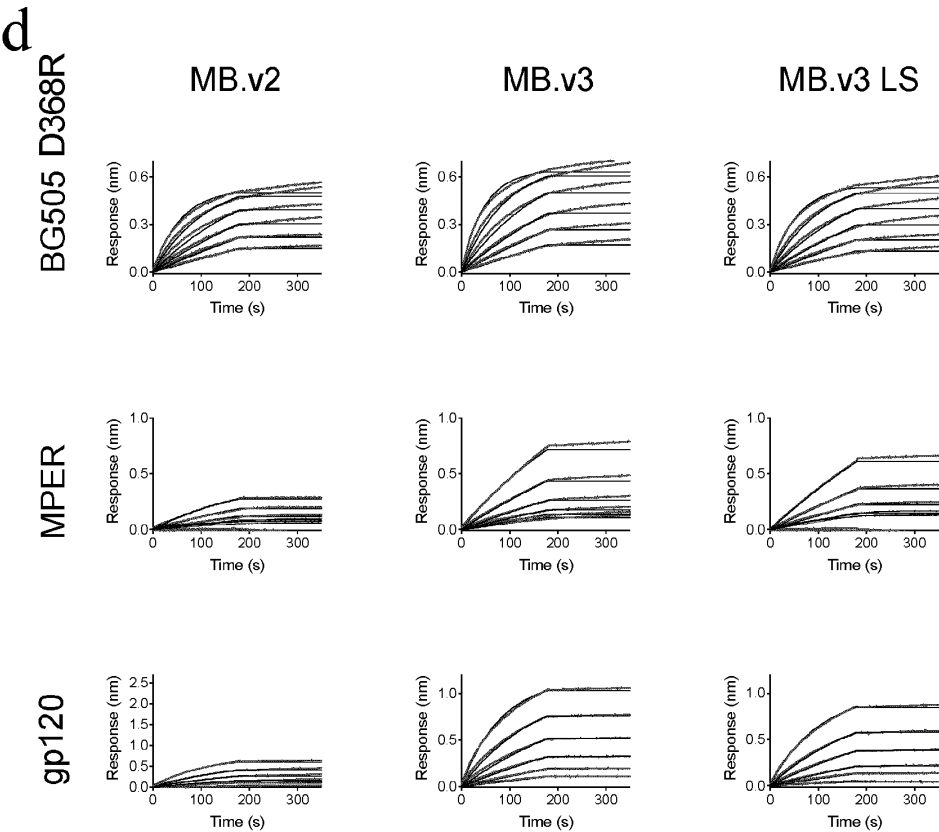


Figure 8d

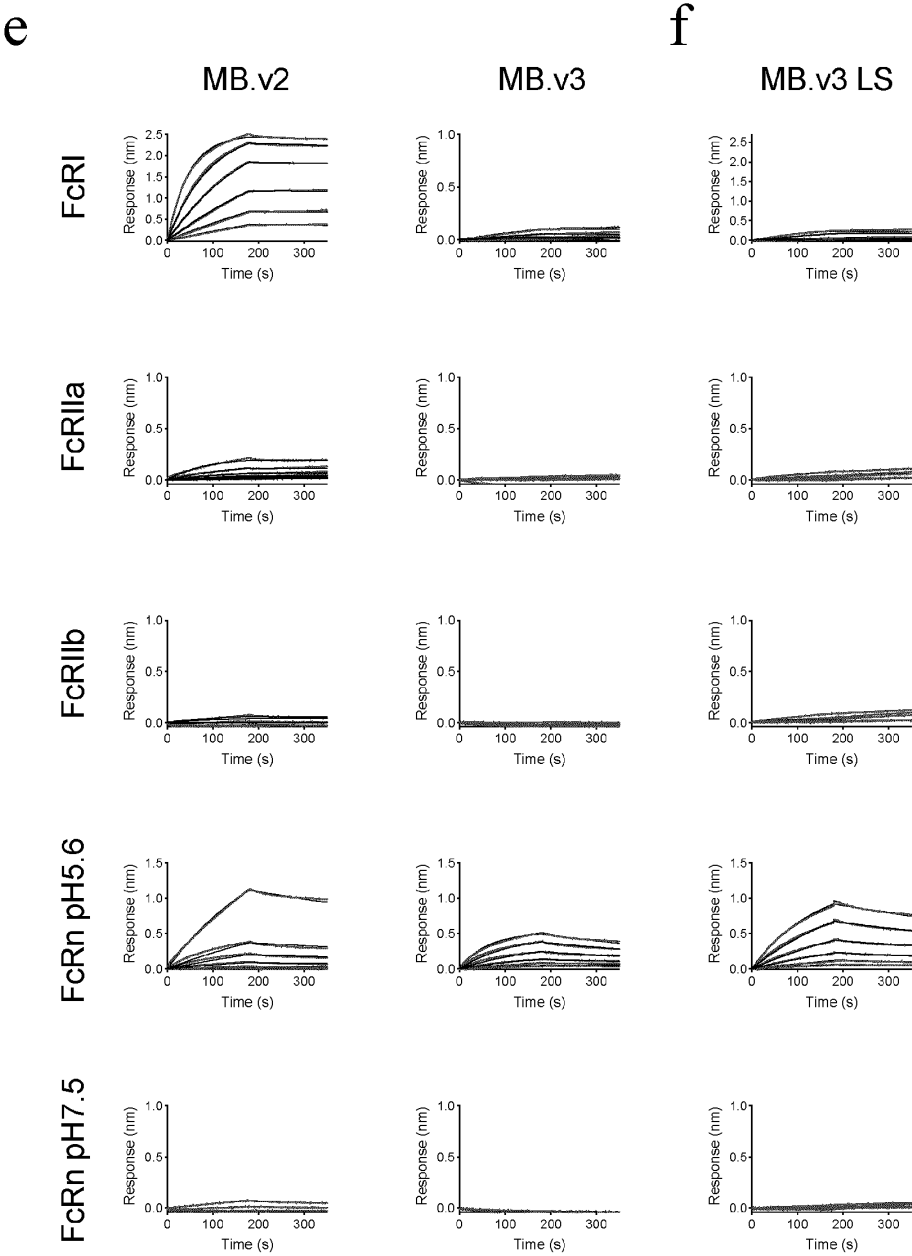
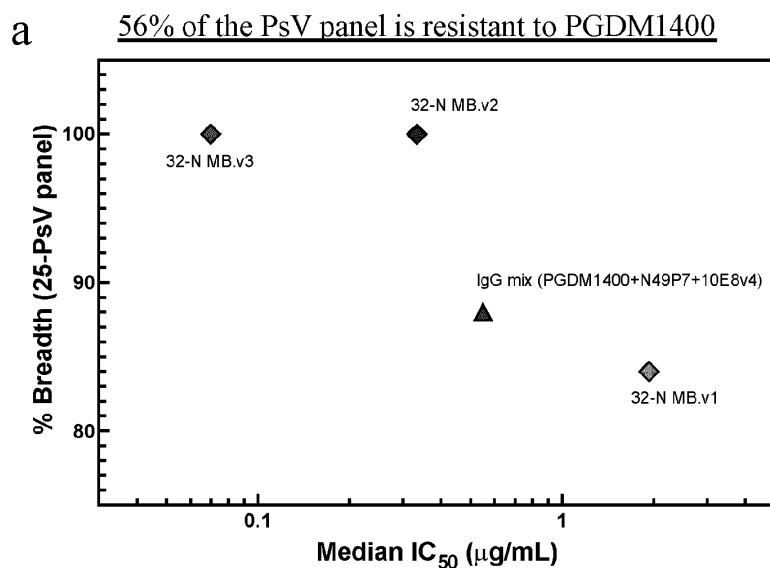


Figure 8e, 8f

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HIV-1 PsV	32-N			IgG mix
	MBv1	MBv2	MBv3	
CRF02_AG (Clone 257)	0.0048	0.0017	0.0016	0.021
CRF02_AG (Clone 278)	0.0065	0.0011	0.0016	0.16
X1632	0.0071	0.003	0.0029	0.042
ZM106.9	0.006	0.0019	0.0011	0.016
JRCSE	0.0067	0.005	0.0057	0.0081
pTHRO4156	0.12	0.062	0.011	0.13
3817.V2	>10	1.6	0.07	7.2
PVO, clone 4	0.11	0.029	0.022	0.85
X2088	0.96	0.26	0.109	1.5
Du422	8.5	2.2	0.29	0.25
ZM197MPB7	0.022	0.0077	0.0049	0.031
pCNE8	0.0029	0.0011	0.0011	0.012
BG505	0.0065	0.002	0.0016	0.0088
SF162	2.5	0.72	0.39	0.56
p1054.TC4.1499	6.4	1.29	0.391	5.7
6535, clone 3	1.9	0.34	0.06	5.4
ZM214MPL15	3.3	0.83	0.552	>10
AC10.29	0.0069	0.01	0.0032	0.15
p16845	3.5	0.64	0.15	0.32
p6244_13.B5.4576	5.7	0.5	0.55	0.79
pZM246F_C1G	8.7	0.99	0.39	0.56
TRJO4551	7.7	0.33	0.32	1.2
QH0692	>10	2.2	1.68	6
NL4.3	>10	1.8	1.8	>10
pCAAN5342	>10	1.7	0.74	>10
Breadth	84	100	100	88
Median IC_{50} (μ g/mL)	1.90	0.33	0.07	0.29

Figure 9a

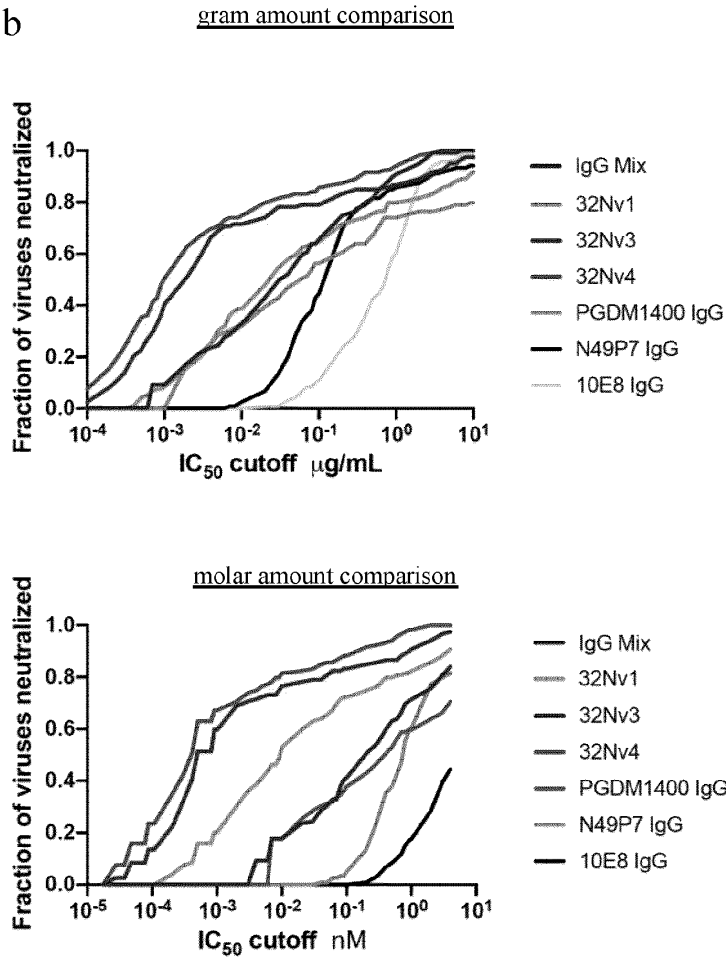


Figure 9b

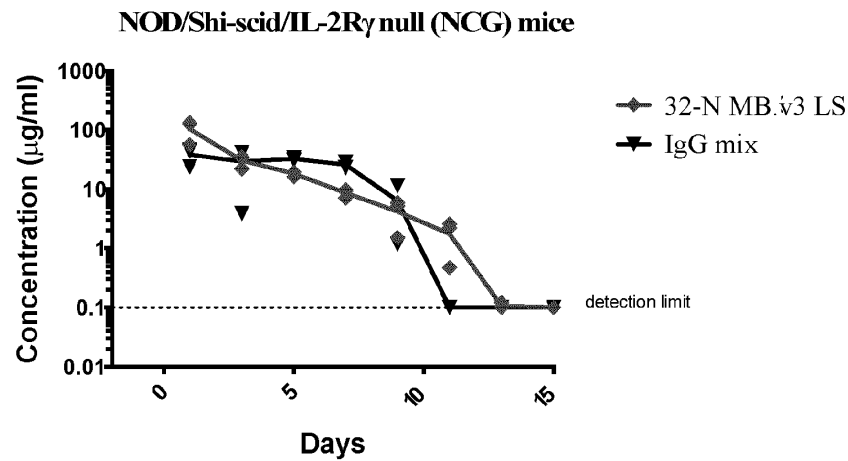


Figure 10