

Supplementary movie legends

Movie 1. A time-lapse movie (one frame every 2 mins) showing an HIV-1_{NL-Gag-JRFL}-infected MDM transferring virus from a VCC-like compartment to a contacting autologous CD4⁺ T cell starting at 30 mins.

Movie 2. A time-lapse movie (one frame every 5 mins) showing an HIV-1_{NL-Gag-JRFL}-infected MDM transferring virus from dispersed VCC-like compartments to a contacting autologous CD4⁺ T cell with T cell detaching at T = 76.02 mins.

Supplementary Table 1. Statistical comparison of inhibitor IC₅₀ values for BaL Env via cell-free and cell-to-cell routes

Inhibitor	CTC LogIC ₅₀ (SE)	CF LogIC ₅₀ (SE)	F-test P value
VRC01	-1.391 (0.16)	-1.475 (0.06)	0.634
b12	0.164 (0.27)	-1.057 (0.09)	0.002
PGT121	-2.073 (0.16)	-2.422 (0.08)	0.138
2G12	-0.124 (0.23)	-0.350 (0.43)	0.776
2F5	-	-0.330 (0.26)	-
4E10	-	-1.147 (0.32)	-
10E8	1.258 (0.36)	-0.578 (0.03)	< 0.001
10E8 Fab	0.491 (0.15)	-0.660 (0.34)	0.013
T-20	-1.643 (0.19)	-2.910 (0.10)	0.001

Supplementary Table 2. Statistical comparison of IC₅₀ values for YU2 Env via cell-free and cell-to-cell routes

Inhibitor	CTC LogIC ₅₀ (SE)	CF LogIC ₅₀ (SE)	F-test P
VRC01	-1.099 (0.18)	-0.910 (0.09)	0.387
b12	0.363 (0.64)	-0.066 (0.50)	0.612
PGT121	-1.630 (0.19)	-1.570 (0.10)	0.798
2F5	-	-0.941 (0.26)	-
10E8	-	-1.354 (0.13)	-
10E8 Fab	-0.403 (0.23)	-0.108 (0.24)	0.396
T-20	-1.763 (0.30)	-1.094 (0.30)	0.154