Table S1. Summary of cell-cell fusion, gp120-gp41 association and replication characteristics of revertant Env clones.

Relative fusion function*a* gp120 shedding index*b* Replication*c*

WT 100 1 ++++

K601D 9.8 6.8 -

K601N 15.2 4.4 +/-*d*

L494I/K601D 32.9 3.4 +/-

T138N/K601D 5.8 2.7 nde

T138N/L494I/K601D 98.6 1.4 +++

T138N/L494I/K601N 103.5 1.0 +++

ΔNINN/K601D 72.3 4.5 -

ΔNINN/K601N 75.2 2.7 +++

*a*Data from FIG. 3D. The background RLU obtained with pcDNA3.1-transfected effector cells was subtracted from the RLUs obtained with Env expression vector-transfected effector cells and normalized against the fusion activity obtained with WT.

*b*Data from FIG. 3C.

*c*Data from FIGS. 3A and B.

*d*+/- denotes a low level of replication in PBMCs obtained from donor A but not from donor B (FIGS. 3A and B, respectively).

*e*nd, not determined