

Table S1: Predicted phenotypes and V3 sequences of longitudinally isolated Env clones of subject DS1 for which coreceptor usage was determined in the Trofile assay.

Time point (mo to T0)	<i>n</i> clones	Phenotype Trofile	Predicted phenotype (PSSM/g2p)	V3 sequence ^a CTRPNNNTRKSIISIGPGRAFYTGEIIGDIRQAHC
-6	8	R5	nsi/r5	-----
	1	R5	nsi/r5	-----Q-----
	1	R5	nsi/r5	-I-----D-H-----.-V-----
0	4	R5	nsi/r5	-----
	1	R5	nsi/r5	-----G-----
	4	Dual-X	si/x4	-----QR-----RQ-----
	1	Dual-X	si/x4	-----QR-----IRQ-----
	1	Dual-X	si/x4	-----ER-----RQ-----

^a V3 amino acid sequences are shown relative to the major sequence in PBMCs at time point -9 months as determined by ultra-deep sequencing. A dot indicates a deletion in the V3 loop at that position.