

Table S2: Predicted phenotypes and V3 sequences of longitudinally isolated Env clones of subject DS2 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 CIRPNNNTRKGIHIGPGRAFYTGTGEIIGDIRQAHC
-9	4	R5	nsi/r5	-T-----S-P-----
	1	R5	nsi/r5	-T-----S-----N---S-
	1	R5	nsi/r5	-T-----N---S-
	1	R5	nsi/r5	-A-----
-6	5	R5	nsi/r5	-T-----
	4	R5	nsi/r5	-T-----S-P-----
	1	R5	nsi/r5	-T-----S-P---K-----
	1	R5	nsi/r5	-T-----S---K-----
	1	R5	nsi/r5	-T-----S-----N---S-
0	9	R5	nsi/r5	-T-----S-----A---N---S-
	1	R5	nsi/r5	-T-----S-P-----
	1	R5	nsi/r5	-T-----S---K-----
	1	R5	nsi/r5	-T-----S-----N---F-
11	5	R5	nsi/r5	-T-----S-P-----
	5	R5	nsi/r5	-T-----S---K-----
14	3	R5	nsi/r5	-T-----
	3	R5	nsi/r5	-T-----S-P-----
	2	R5	nsi/r5	-T-----S---K-----
	2	Dual-X	si/x4	-T---Y---Y---V---K-----
	1	Dual-X	si/x4	-T---Y---Y---K-V---K-----

^a V3 amino acid sequences are shown relative to the major sequence in PBMCs at time point -12 months as determined by ultra-deep sequencing.