

Table S7: Predicted phenotypes and V3 sequences of longitudinally isolated Env clones of subject DS8 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 CTRPSNNTRQGIHIGPGRAFYYATTKIIGDIRQAYC
-7	4	R5	nsi/r5	-----I-.--D-----K---
	2	R5	nsi/r5	-----
	2	Dual-R	nsi/r5	-----
	2	Dual-R	si/r5	-----K---
	2	Dual-R	si/x4	-----R--Y-----K---
-3	3	R5	nsi/r5	-----KS-----L-.--D-----K---
	1	R5	nsi/r5	-----
	1	R5	nsi/r5	-----I-.--N-----K---
	1	R5	nsi/r5	---N---KKSVN-----I-.--D-----K---
	1	R5	si/r5	-----K---
	4	Dual-R	si/r5	-----K---
	1	Dual-X	si/r5	-----V---K---
	1	Dual-X	si/x4	-----R--V-----I-----K---
0	1	Dual-X	si/x4	-----R-----K---
	2	R5	nsi/r5	-----SV-----L-.--N-----K---
	1	R5	nsi/r5	---N---SV-----L-.--N-----K---
	1	R5	nsi/r5	---N---SV-----L-.--D-----K---
	1	R5	nsi/r5	-----I-.--N-----K---
	1	R5	si/r5	-----K---
	1	R5	si/r5	-----SV-----L-T-----K---
	2	Dual-R	si/r5	-----K---
	2	Dual-X	si/x4	-----R-----I-----K---
	1	Dual-X	si/x4	-----R--R-----I-----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. A dot indicates a deletion in the V3 loop at that position.