

Supplementary Table 1. Primers and PCR conditions used for overlap extension PCR

	Primer	Sequence	PCR Conditions
1 st round	<i>Patient LTR:</i> U3-F-LTR	5'-GAAGGGCTAATTCCTCCC-3'	94°C for 2 minutes, 35 cycles of (94°C 15 for seconds, 48°C for 15 seconds and 72°C for 1 min), final extension at 72°C for 8 minutes
	nefLTR3'2Xbal	5'-CGTGCTCTAGAAAAGGGTCT GAGGGATCTCT-3'	
	<i>NL4-3 template:</i> nefLTR5'#3	5'- ATAGCAGTAGCTGAGGGGACA- 3'	
	U3-R-LTR	5'-GGGAGTGAATTAGCCCTTC-3'	

2 nd round	N/A	N/A	94°C for 10 minutes, 10 cycles of (94°C for 10 seconds, 48°C for 15 seconds, 72°C for 20 seconds), final extension at 72°C for 7 minutes
3 rd round	nefLTR5'#3	5'- ATAGCAGTAGCTGAGGGGACA- 3'	94°C for 2 minutes, 35 cycles of (94°C 15 seconds, 48°C for 15 seconds and 72°C for 1 min), final extension at 72°C for 8 minutes
	nefLTR3'2Xbal	5'-CGTGCTCTAGAAAAGGGTCT GAGGGATCTCT-3'	