

Table S1. NGS primers used to sequencing HIV-1

Amplicon	Primers	Primer Sequences	HXB2 Nucleotide Positions
POL Region			
1	Forward- 1F	5'-AGACAGGCTAATTTTTTAGGGA-3'	2070-2095
	Reverse- 1R	5'-CCAATTATGTTGACAGGTGTAGG-3'	2509-2487
2	Forward -2F	5'CAGGAGCAGATGATACAGTATTAGA-3'	2329-2353
	Reverse-2R	5'-ATGGATTTTCAGGCCCAATTTT-3'	2715-2694
3	Forward-3F	5'-TTAAAGCCAGGAATGGATGG-3'	2583-2602
	Reverse-3R	5'-GGCTCTAAGATTTTGTTCATGC-3'	3058-3057
4	Forward-4F	5'-TGGGAAGTTCAATTAGGAAT-3'	2811-2830
	Reverse-4R	5'-AGGCTGTACTGTCCATT-3'	3278-3262
5	Forward-5F	5'-GCATGACAAAAATCTTAGAGC-3'	2037-3057
	Reverse-5R	5'-TAAGTCTTTTGATGGGTCA-3'	3524-3506
C2-V3-C3 region			
1	Forward-S	5'-GTTAAATGGCAGTCTAGCAG-3'	7004-7023
	Reverse-AS1	5'-GAAAAATTCCCCTCCACAATT-3'	7353-7373