

Oligonucleotides used for amplification

	1st PCR primer				2nd PCR primer		
	Fragment	Name	Sequence	Location	Name	Sequence	Location
HLA epitopes	5' LTR-GAG	187U	CACACACAAGGCTACTTCCCT	57-77	554	GTCTCTCTTGTTAGACCAGATCTGAGCCTG	456-485
		147D	TCTTCTGTCAATGGCCATTGTTAAC	2610-2635	352	CAGTTCCTTGTCGCTCAGCTCCTGCTTC	2211-2238
	Pol	136U	AAGAGAGCTTCAGGTTTGGGG	2168-2188	351	GAAGCAGGAGCTGAGCGACAAGGAACTG	2211-2238
		33D	CAAGAAATGGAGCCAGTAGA	5825-5844	552	GCAGTTGTTGCAGAATTCTTATTATGGCTTCC	5729-5760
	gp160	294U	ATGGCTTAGGGCAACATATCTATG	5677-5700	551	GGAAGCCATAATAAGAATTCTGCAACAACCTGC	5729-5760
		163D	CTGAGGGATCTCTAGTTACCAGAG	9664-9687	555	CCAGAGTCACACAACCGCGGGGCACACTACT	9637-9669
QS analysis	gp120	169U	AATGTCAGCACAGTACAATGTACAC	6945-6969	27	ATAAGCTTGCAGTCTAGCAGAAGAAGA	7004-7030
		96D	AGACAATAATTGTCTGGCCTGTACCGT	7836-7862	167	TTCTCCAATTGTCCCTCATATCTCCTCCTCCA	7634-7665
	Gag DA9	505U	CGAGGGGCGGCGACTGGT	728-745	171	TTGACTAGCGGAGGCTAG	761-779
		40D	TTCCTAAAAAATTAGCCTGTCT	2074-2096	336	TTCCAACAGCCCTTTTTCTAGGGG	2009-2033
	Env EL9	570U	TTGAACCAATAGGAGTAGCACCCAC	7696-7720	572	ACCAAGGCAAAGAGAAGAGTGGTG	7719-7742
		168D	AATGGTGAGTATCCCTGCCTAACTCTATT	8340-8368	282	TCCTACTATCATTATGAATATTTTTATATA	8265-8294
Pseudovirus generation		176U	TTCTCCAATTGTCCCTCATATCTCCTCCTCCA	7634-7665	577	CACCTAGGCATCTCCTATGGCAGGAAGAAG	5954-5983
		166D	TGGAGCCAGTAGATCCTAGACTAGAGCCCT	5832-5861	576	GTCTCGAGATGCTGCTCCACC-	8883-8904
EL9 mutants		R592LU	TAAAGGATCAGCAGCTCCTGGGGATTTGGGG	7984-8014			
	EL9 WT	R592LD	CCCCAAATCCCAGGAGCTGCTGATCCTTA	7984-8014			
		K588RU	CCTAGCTGTGAAAGATACCTAAGGGATCAGCAGCT	7694-7999			
	EL9 WT+COM	K588RD	AGCTGCTGATCCCTTAGGTATCTTTCCACAGCTAGG	7694-7999			
		K588RU	GTGGAAAGATACTAAAGGATCACAGCGCCTGGG	7971-8005			
	EL9 ESC+COM	K588RD	CCCAGGCGTGCTGATCCCTTAGGTATCTTCCAC	7971-8005			