

**Table S1.** Description of the primers used in this study for HIV-1 NFLG amplification by PCR (1<sup>st</sup> round) and nested PCR (2<sup>nd</sup> round)

Gene	Primer name	Round	Orientation	Sequence	Localization*
<i>gag-pol</i>	SC-AOS	1 <sup>st</sup>	Forward	5'AGA TCT GAG CCT GGG AGC TCT CTG G 3'	521 – 554
	SC-AOA	1 <sup>st</sup>	Reverse	5'TTT ATG GCA AAT ACT GGA GTA TTG TAT GGA 3'	2711 – 2740
	SC-ANS	2 <sup>nd</sup>	Forward	5'GCT TCA AGT AGT GTG TGC CCG TCT G 3'	546 – 570
	SC-ANA	2 <sup>nd</sup>	Reverse	5'CTT TTG GGC CAT CCA TTC CTG 3'	2590 – 2610
	SC-BOS	1 <sup>st</sup>	Forward	5'GCT AAT TTT TTA GGG AAG ATC TGG CCT T 3'	2080 – 2107
<i>pol</i>	IN-B02R	1 <sup>st</sup>	Reverse	5'AAA TCA CTA GCC ATT GCT CTC CA 3'	4284 – 4306
	SC-BNS	2 <sup>nd</sup>	Forward	5'AGC CCC ACC AGA AGA GAG CTT 3'	2157 – 2177
	IN-B01R	2 <sup>nd</sup>	Reverse	5'CCA CTC AGG AAT CCA GGT GG 3'	3772 – 3791
<i>pol-vif</i>	IN-B2OS	1 <sup>st</sup>	Forward	5'CTC ARG ACT TYT GGG AAG TTC 3'	2800 – 2820
	SC-BOA	1 <sup>st</sup>	Reverse	5'TCT CCT GTA TGC AGA CCC CAA TAT GT 3'	5242 – 5267
	IN-B01S	2 <sup>nd</sup>	Forward	5'GAT GGG TTA TGA ACT CCA TCC TG 3'	3772 – 3791
	C-BNA	2 <sup>nd</sup>	Reverse	5'CCC TAG TGG GAT GTG TAC TTC TGA ACT TA 3'	5192 – 5220
	SC-COS	1 <sup>st</sup>	Forward	5'TAC AGT GCA GGG GAA AGA ATA ATA GAC ATA ATA 3'	4809 – 4841
<i>pol, vif, vpr, tat, rev, vpu, env</i>	SC-COA	1 <sup>st</sup>	Reverse	5'TGT CTG GCC TGT ACC GTC AGC G 3'	7831 – 7852
	SC-CNS	2 <sup>nd</sup>	Forward	5'CAA AAT TTT CGG GTT TAT TAC AGG GAC A 3'	4890 – 4917
<i>env, tat, rev, nef</i>	SC-CNA	2 <sup>nd</sup>	Reverse	5'GCT TCC TGC TGC TCC CAA GAA CC 3'	7786 – 7808
	SC-DOS	1 <sup>st</sup>	Forward	5'TTG AAC CAY TAG GAG TAG CAC CCA C 3'	7696 – 7720
	SC-DOA	1 <sup>st</sup>	Reverse	5'AGA GAG ACC CAG TAC AGG CAA AAG C 3'	9523 – 9548
	SC-DNS	2 <sup>nd</sup>	Forward	5'ACC AAG GCA AAG AGA AGA GTG GTG 3'	7719 – 7742
	SC-DNA	2 <sup>nd</sup>	Reverse	5'GTA CAG GCA AAA AGC AGC TGC TTA TAT G 3'	9510 – 9537

<i>gag-rt</i>	<u>1ODEAF</u>	1 <sup>st</sup>	Forward	ATCTCTAGCAGTGGCGCCCGAACAG	625-649
	<u>1ODEAR</u>	1 <sup>st</sup>	Reverse	GCTATTAAGTCTTTTGATGGGTCATA	3529-3504
	<u>2ODEAF</u>	2 <sup>nd</sup>	Forward	CTCTCTCGACGCAGGACTCGGCTTG	681-705
	<u>2ODEAR</u>	2 <sup>nd</sup>	Reverse	TACTTCTGTTAGTGCTTTGGTTCC	3425-3402
<i>rt-in</i>	<u>1ODEBF</u>	1 <sup>st</sup>	Forward	ATGATAGGGGGAATTGGAGGTTT	2388-2410
	<u>1ODEBR</u>	1 <sup>st</sup>	Reverse	CCTGTATGCAGACCCCAATATG	5264-5243
	<u>2ODEBF</u>	2 <sup>nd</sup>	Forward	GACCTACACCTGTCAACATAATTGG	2485-2509
	<u>2ODEBR</u>	2 <sup>nd</sup>	Reverse	CCTAGTGGGATGTGTACTTCTGAACTTA	5219-5192
<i>in-env v5</i>	<u>1ODECF</u>	1 <sup>st</sup>	Forward	CAGACTCACAATATGCATTAGG	4039-4060
	<u>1ODECR</u>	1 <sup>st</sup>	Reverse	GCCCATAGTGCTTCCTGCTGCTCCCAAGAACC	7786-7755
	<u>2ODECF</u>	2 <sup>nd</sup>	Forward	CTGGCATGGGTACCAGCACACAA	4146-4168
	<u>2ODECR</u>	2 <sup>nd</sup>	Reverse	TATATAATCACTTCTCCAATTGTC	7677-7653
<i>env v3- nef</i>	<u>1ODEDF</u>	1 <sup>st</sup>	Forward	GAGCCAATTCCCATACATTATTGT	6855-6878
	<u>1ODEDR</u>	1 <sup>st</sup>	Reverse	CACTCAAGGCAAGCTTTATTGAGGC	9630-9606
	<u>2ODEDF</u>	2 <sup>nd</sup>	Forward	TTATTGTGCCCCAGCTGGTTTTGC	6872-6895
	<u>2ODEDR</u>	2 <sup>nd</sup>	Reverse	GGTCTAACCAGAGAGACCCAGTACAG	9556-9531

Primers designed by Sanabani et al. (2006) are italicized, and those by Ode et al. (2015) are underlined.

\* HIV-1 genomic coordinates according to the HXB2 reference (GenBank acc. # K0445).

<b>Fragmento A</b>				
SC-AOS	AGA TCT GAG CCT GGG AGC TCT CTG G	51,2	Senso	521 – 554
SC-AOA	TTT ATG GCA AAT ACT GGA GTA TTG TAT GGA		Anti-senso	2711 – 2740
SC-ANS	GCT TCA AGT AGT GTG TGC CCG TCT G	56,4	Senso	546 – 570
SC-ANA	CTT TTG GGC CAT CCA TTC CTG		Anti-senso	2590 – 2610
<b>Fragmento BI</b>				
SC-BOS	GCT AAT TTT TTA GGG AAG ATC TGG CCT T	51,8	Senso	2080 – 2107
IN-B02R	AAA TCA CTA GCC ATT GCT CTC CA		Anti-senso	4284 – 4306
SC-BNS	AGC CCC ACC AGA AGA GAG CTT	61	Senso	2157 – 2177
IN-B01R	CCA CTC AGG AAT CCA GGT GG		Anti-senso	3772 – 3791
<b>Fragmento BII</b>				
IN-B2OS	CTC ARG ACT TYT GGG AAG TTC	50,8	Senso	2800 – 2820
SC-BOA	TCT CCT GTA TGC AGA CCC CAA TAT GT		Anti-senso	5242 – 5267
IN-B01S	GAT GGG TTA TGA ACT CCA TCC TG	50,8	Senso	3772 – 3791
C-BNA	CCC TAG TGG GAT GTG TAC TTC TGA ACT TA		Anti-senso	5192 – 5220