

Supplementary Table 1: Specific reagents and notes

Name of the reagent	Company	Catalogue number	Notes
QIAquick Gel Extraction Kit	QIAGEN	28706	DNA purification
Bio-spin 30 column	Bio-Rad	732-6250	RNA purification
Taq PCR DNA polymerase	Sigma-Aldrich	D1806	DNA synthesis
DuraScribe T7 transcription Kit	EpiCentre	DS010925	RNA synthesis
dNTP for PCR	Roche	1 581 295	DNA synthesis
HIV-1 _{Ba-L} gp120 protein	the AIDS Research and Reference Reagent Program	4961	Target protein
Silencer siRNA labeling kit - Cy3	Ambion	1632	Light sensitive
Acid phenol / chloroform 5/1 solution (pH 4.5)	Ambion	AM9720	Human health hazards. Take appropriate measures to prevent exposure
Chloroform/Isopropano 1 24/1 solution	Sigma	C0549	
Calf intestinal phosphatase (CIP)	New England BioLab	M0290L	Remove 5' - triphosphates
T4 polynucleotide kinase	New England BioLab	M0201L	P ³² -ATP labeling
Glycogen	Roche	10 901 393 001	RNA precipitation
Gamma-P ³² -ATP	MP Biomedical	013502002	Radiactivity
40% AccuGel 19:1	National Diagnostics	EC-850	Neurotoxin. Take appropriate measures to prevent exposure.
10×TBE	National Diagnostics	EC-860	Gel running
N,N,N,N'-Tetramethylethylenediamine (TMEMD)	Sigma-Aldrich	T9281	Catalyst of Gel polymerization
Ammonium persulfate (APS)	Sigma-Aldrich	A3678	Prepare 10% water solution and freeze immediately in single use aliquots at -20°C
Dynabeads CD8	Invitrogen	111-47D	CD8 cells depletion
L-methioine sulfoximine	Sigma-Aldrich	M5379-250 mg	CHO cells culture
RPMI Media 1640	Invitrogen	11835-030	Cell culture
Sodium Bicarbonate solution, 7.5% w/v	Invitrogen	25080-094	CHO cells culture
Minimum Essential	Invitrogen	11430-030	CHO cells culture

Medium (MEM) (10×)			
MEM non-essential amino acid (100×)	Invitrogen	11140-050	CHO cells culture
Alliance HIV-1 p24 Antigen ELISA kit	Perkin Elmer	NEK050A001KT	HIV-1 challenge assay