

Centre for AIDS Reagents

Data Sheet

REPOSITORY REFERENCE:	ARP2074
NAME:	HIV-1 clone TV1.29
PROVIDED:	10 µL purified plasmid DNA, at 1 µg/µL.
CLONING SITE:	The HIV-1 env/rev cassette was cloned directly into the cloning site of pcDNA3.1D/V5-His TOPO expression vector, in the correct orientation with the CMV promoter. The size of the insert is 2559 bp.
CLONING VECTOR:	pcDNA3.1D/V5-His TOPO
DESCRIPTION:	<p>A PCR fragment containing full-length env and rev genes was derived from the genomic DNA of infected PBMC. The original virus (HIV-1 Tv1) was obtained from Dr. David Montefiori.</p> <p>The env/rev cassette was cloned into pcDNA3.1D/V5-His TOPO expression vector by a directional cloning approach.</p> <p>A single transformed ampicillin resistant E.coli colong was selected and expanded. Recombinant plasmid carries resistance genes for ampicillin and neomycin.</p>
GENBANK:	U08455
RECOMMENDED STORAGE:	-20°C.
NOTE:	This clone expresses a functional env/rev cassette and can be used to generate psuedotyped infectious virions.
SOURCE:	Dr. John Mascola
REFERENCES:	Nature Medicine, volume 13, no. 9, Sept 2007.

ACKNOWLEDGEMENTS:

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www.nibsc.ac.uk/spotlight/centre_for_aids_reagents.aspx

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)