



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent: HIV-1 94CY032.3 Non-infectious Molecular Clone

Catalog Number: 6176

Lot Number: 190172

Release Category: C

Provided: 5 µg of dried purified DNA stabilized in DNASTable *PLUS*

Cloning Vector: pTZ18MluI
Ampicillin resistant

Cloning Site: MluI cloning site
The size of the insert is 9098 bp.

GenBank: [AF049337](#)

Host Strain: Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.

Description: A full length non-infectious HIV-1 CRF04_cpx 94CY032.3 molecular clone. This clone contains inframe stop codons within *vif* and *env*.

Special Characteristics: This construct is 11962 bp including the insert.
Genomic DNA was extracted from PBMC culture and used for PCR amplification. PCR products were cloned directly into vector pTZ18Mlu I at the Mlu I cloning site.
Molecular clone of an A/G/H/K recombinant isolate from Cyprus. This genome encodes intact open reading frames for seven HIV-1 genes.
[Sequence file lot 190172](#)
Alternate names include: p94CY032.3

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

This reagent is currently being provided as dried purified DNA stabilized in DNastable PLUS. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

- Recommended Storage:** Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
- Contributor:** Drs. Feng Gao, Beatrice H. Hahn, and the Aaron Diamond AIDS Research Center
- References:** Gao, F., Robertson, D. L., Carruthers, C. D., Li, Y., Bailes, E., Kostrikis, L. G., Salminen, M. O., Bibollet-Ruche, F., Peeters, M., Ho, D. D., Shaw, G. M., Sharp, P. M. and Hahn, B. H. (1998). An isolate of human immunodeficiency virus type 1 originally classified as subtype I represents a complex mosaic comprising three different group M subtypes (A, G, and I). *J Virol*, 72(12), 10234-41. [PUBMED](#)
- NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, NIAID, NIH: HIV-1 94CY032.3 Non-infectious Molecular Clone from Drs. Feng Gao, Beatrice H. Hahn, and the Aaron Diamond AIDS Research Center (cat# 6176)." Also include the reference cited above in any publications.
- Patent-pending.
- Scientists at for-profit institutions or who intend commercial use of this reagent must contact The UAB Research Foundation at the following email address: innovation@uab.edu, before the reagent can be released.**
- Last Updated:** March 27, 2020

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