



NIH AIDS Reagent Program

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DATA SHEET

Reagent: pFIV-14-Petaluma

Catalog Number: 851

Lot Number: 110200

Release Category: A

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

Cloning Vector: pTZ18R
Ampicillin resistant

Cloning Site: SalI cloning site
The size of the insert is 20,626 bp (9474 bp of the FIV-14 proviral genome and ~11 kb of cellular DNA)

GenBank: [M25381](#)

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

Description: Contains the entire FIV-14 proviral genome (derived from infected CRFK cells) (9474 bp), flanked by approximately 11 kb of cellular DNA.

Special Characteristics: This construct is 23,484 bp including the insert.
Infectious virus is produced following transfection (DEAE dextran or Lipofectin methods) of CRFK cells or primary feline PBMCs.
[Plasmid map and sequence file lot 110200](#)
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 ~~use of dried DNA reagents~~ [Dried DNA Notice](#)

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.

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:

Robert Olmsted

References:

R. A. Olmsted, V. M. Hirsch, R. H. Purcell and P. R. Johnson. (1989). Nucleotide sequence analysis of feline immunodeficiency virus: genome organization and relationship to other lentiviruses. Proc Natl Acad Sci U S A, 86(20), 8088-92. [PUBMED](#)

R. A. Olmsted, A. K. Barnes, J. K. Yamamoto, V. M. Hirsch, R. H. Purcell and P. R. Johnson. (1989). Molecular cloning of feline immunodeficiency virus. Proc Natl Acad Sci U S A, 86(7), 2448-52. [PUBMED](#)

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pFIV-14-Petaluma from Dr. Robert Olmsted." Also include the references cited above in any publications.

Last Updated:

July 18, 2017

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