



## 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:** FIV Petaluma Infectious Molecular Clone (FIV-34TF10)

**Catalog Number:** 1236

**Lot Number:** 03/24/92

**Release Category:** B

**Provided:** 1 vial of ampicillin-resistant transformed *E. coli* JM109 bacteria.

**Cloning Vector:** pUC119.

**GenBank:** M25381.1

**Description:** Full length infectious molecular clone that contains a 9472 bp *EcoRI-BamHI* insert from FIV-Petaluma, including two LTRs, plus 250 bp of 5' flanking cellular sequences and 120 bp of 3' flanking cellular sequences.

**Special Characteristics:** FIV-34TF10 is a clone of the original FIV Petaluma isolate. It readily infects CRFK and G355-5 cells, but is poorly infectious in primary feline peripheral blood leukocytes. Source of Pro Virus: Crandall feline kidney (CRFK) cells chronically infected with FIV-Petaluma from a  $\lambda$ EMBL-4 genomic library.

**Recommended Storage:** -70°C.

**Contributor:** Dr. John H. Elder.

**References:** Talbott R T, Sparger EE, Lovelace KM, Fitch WM, Pedersen NC, Luciw PA, Elder JH. Nucleotide sequence and genomic organization of feline immunodeficiency virus. *Proc Natl Acad Sci USA* **86**:5743-5747, 1989.

Phillips TR, Lamont C, Konings DAM, Shacklett BL, Hamson CA, Luciw PA, Elder JH. Identification of the Rev transactivation and Rev-responsive elements of feline immunodeficiency virus. *J Virol* **66**:5464-5471, 1992.

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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.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: FIV Petaluma Infectious Molecular Clone (FIV-34TF10) from Dr. John Elder." Also include the reference cited above in any publications.

**Last Updated:**

October 20, 2017

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