



NIH AIDS Reagent Program

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DATA SHEET

Reagent: FIV-34F10 DU

Catalog Number: 3713

Lot Number: 9/23/97

Release Category: B

Provided: 1 vial ampicillin-resistant transformed Bu8049 (glycerol stock).

Cloning Site: *Nde* I – *Eco* RI.

Cloning Vector: pUC112*Nde*.

Description: The FIV-34F10 deoxyuridine triphosphate (DU) coding region (nt 3998-4407) was amplified by PCR using primers to facilitate directional cloning into the *Nde*I-*Eco*RI sites of the pUC112*Nde* vector.

Special Characteristics: This clone expresses high levels of enzymatically active deoxyuridine triphosphatase (DU). The protein is suitable for structural, enzymological, and immunological studies. The infectious molecular clone FIV-34F10 is also available (Catalog #1236).

Recommended Storage: -70°C.

Contributor: Dr. John H. Elder.

References: Talbott RL, 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.

Elder JH, Lerner DL, Hasselkus-Light CS, Fontenot DJ, Hunter E, Luciw PA, Montelaro RC, Phillips TR. Distinct subsets of retroviruses encode dUTPase. *J Virol* **66**:1791-1794, 1992.

Wagaman PC, Hasselkus-Light CS, Henson M, Lerner DL, Phillips TR, Elder JH.

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.

molecular cloning and characterization of deoxyuridine triphosphatase from feline immunodeficiency virus (FIV). *Virology* **196**:451-457.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, NIAID, NIH: FIV-34F10 DU from Dr. John H. Elder." Also include the references cited above in any publications.

Last Updated:

January 30, 2014

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