



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	FIV PPR Rev Expression Vector
<b>Catalog Number:</b>	3714
<b>Lot Number:</b>	190021
<b>Release Category:</b>	B
<b>Provided:</b>	5 µg of dried purified DNA stabilized in DNASTable <i>Plus</i>
<b>Cloning Site:</b>	BamHI/EcoRI cloning site
<b>Cloning Vector:</b>	pRSET B Ampicillin resistant
<b>Description:</b>	An expression vector which produces FIV PPR Rev protein.
<b>Special Characteristics:</b>	<p>cDNA from FIV-PPR was prepared by reverse transcriptase of RNA from PPR-infected cells, and used as a target for PCR. Primers were selected to facilitate directional cloning of Rev into the BamHI–EcoRI sites of the pRSET B expression vector.</p> <p>This clone expresses functional FIV Rev for use in structural, enzymological, and immunological studies. Protein expression is IPTG inducible. The infectious molecular clone FIV-PPR is also available.</p> <p>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.</p> <p>This reagent is currently being provided as dried purified DNA stabilized in DNASTable <i>PLUS</i>. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. <a href="#">Dried DNA Notice</a></p>
<b>Recommended Storage:</b>	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

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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.

**Contributor:** Dr. John Elder

**References:** Phillips, T. R., Lamont, C., Konings, D. A., Shacklett, B. L., Hamson, C. A., Luciw, P. A. and Elder, J. H. (1992). Identification of the Rev transactivation and Rev-responsive elements of feline immunodeficiency virus. *J Virol*, 66(9), 5464-71. [PUBMED](#)

Phillips, T. R., Talbott, R. L., Lamont, C., Muir, S., Lovelace, K. and Elder, J. H. (1990). Comparison of two host cell range variants of feline immunodeficiency virus. *J Virol*, 64(10), 4605-13. [PUBMED](#)

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: FIV PPR Rev Expression Vector from Dr. John Elder (cat# 3714)." Also include the references cited above in any publications.

**Last Updated:** March 27, 2020

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