

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

[pCPRDEnv](#)

RRID:Addgene_1732

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/1732>

Proper Citation: RRID:Addgene_1732

Insert Name: Gag-Pol and Rev

Organism: Feline Immunodeficiency Virus

Bacterial Resistance: Ampicillin

Vector Backbone Description: Backbone Size:12905; Vector Backbone:modified pUC119; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: This is the FIV PPR based second generation packaging vector, part of the FELIX vector system from Nolan lab. The FELIX vector system consists of three plasmids - structural, envelope, and transfer vector - which are cotransfected into 293T cells to produce virus. The structural construct makes Gag-Pol and Rev (some variants also make Vif and A). Any envelope construct can be used for pseudotyping - VSV-G tends to give the highest efficiency and broadest host range. The transfer vector contains the viral LTRs and packaging signal. Any expression cassette (promoter and gene of interest) can be cloned into the vector. Inserts can be up to 8.5kB. Please note that the sequence information has some inaccuracies, so restriction digests may give slightly different bands than predicted.

Plasmid Name: pCPRDEnv

Record Creation Time: 20220422T222004+0000

Record Last Update: 20260815T081031+0000

Ratings and Alerts

No rating or validation information has been found for pCPRDEnv.

No alerts have been found for pCPRDEnv.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Yi B, et al. (2024) Host ZCCHC3 blocks HIV-1 infection and production through a dual mechanism. *iScience*, 27(3), 109107.

Xu Y, et al. (2022) The KRAS-G12D mutation induces metabolic vulnerability in B-cell acute lymphoblastic leukemia. *iScience*, 25(3), 103881.

Morizako N, et al. (2022) Generation of a bovine cell line for gene engineering using an HIV-1-based lentiviral vector. *Scientific reports*, 12(1), 16952.

Oki K, et al. (2016) YPEL4 modulates HAC15 adrenal cell proliferation and is associated with tumor diameter. *Molecular and cellular endocrinology*, 434, 93.

Owens GC, et al. (2015) Photoconvertible fluorescent protein-based live imaging of mitochondrial fusion. *Methods in molecular biology* (Clifton, N.J.), 1313, 237.

Hen G, et al. (2012) Gene transfer to chicks using lentiviral vectors administered via the embryonic chorioallantoic membrane. *PloS one*, 7(5), e36531.