



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** SV-A-MLV-*env*

**Catalog Number:** 1065

**Lot Number:** 020878

**Release Category:** A

**Provided:** 1 ml of transformed HB101 bacteria.

**Cloning Vector:** pSV7d.

**Description of Clone:** Contains the amphotropic murine leukemia virus env gene (nt. 5407-7846) linked to the MLV LTR. The plasmid also contains the SV40 origin. Ampicillin resistant.

**Cloning Site:** *EcoRI* - *SaI*.

**Description:** Contains the amphotropic murine leukemia virus env gene (nt 5407-7846) linked to the MLV LTR, and an SV40 origin. The cloning vector is pSV7d.

**Special Characteristics:** Co-transfection of COS cells with SV-A-MLV-*env* and HIV-*gpt* (catalog #1067) yields an HIV/MLV (amphotropic) pseudotype virus.  
[Plasmid Map](#)

**Recommended Storage:** -70°C

**Contributor:** Dr. Nathaniel Landau and Dr. Dan Littman.

**References:** Landau NR, Page KA, Littman DR. Pseudotyping with human T-cell leukemia virus type I broadens the human immunodeficiency virus host range. *J Virol* **65**:162-169, 1991.

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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: SV-A-MLV-env from Dr. Nathaniel Landau and Dr. Dan Littman." Also include the reference cited above in any publications.

**Last Updated**

November 17, 2015

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