



NIH AIDS Reagent Program

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DATA SHEET

Reagent: SIV_{mac239} 5' ΔVif ΔVpr Partial Molecular Clone (p53-41)

Catalog Number: 2472

Lot Number: 94064

Release Category: C

Provided: 1 μg of dried purified DNA stabilized in DNastable *PLUS*

Cloning Vector: pBS-
Ampicillin resistant

Special Characteristics: This construct is 9567 bp including the insert.
Derived from p239SpSp5' (Catalog #829), which encodes the 5 half of the SIV_{mac239} genome. These mutants were constructed by splice overlap extension PCR, and contain deletions in the *vif*, *vpx*, and/or *vpr* coding regions, and predicted splice donor (SD) and splice acceptor (SA) sites are shown in the attached figure.

Figure:
[Predicted splice donor \(SD\) and splice acceptor \(SA\)](#)
[Sequence file lot 94064](#)

This reagent is currently being provided as dried purified DNA stabilized in DNastable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

Recommended Storage: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor: Dr. Ronald Desrosiers, Dr. Jim Gibbs, and Dean Regier

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.

References:

Gibbs JS, Regier DA, Desrosiers RC. Construction and *in vitro* properties of SIVmac mutants with deletions in "nonessential" genes. *AIDS Res Hum Retroviruses* **10**:607-616, 1994.

Regier DA, Desrosiers RC. The complete nucleotide sequence of a pathogenic clone of human immunodeficiency virus. *AIDS Res Hum Retroviruses* **6**:1221-1231, 1990.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVmac239 5' ΔVif ΔVpr Partial Molecular Clone (p53-41) from Dr. Ronald Desrosiers (cat# 2472)." Also include the references cited above in any publications.

Available only for non-commercial use. Requests from commercial organizations should be directed to Harvard Medical School Office of Technology Development at the following email address: hms_materialtransfer@harvard.edu.

Research Chart:

Clone	Cat. #	Lot #	Deletion
p7-21	2470	2 94062	vif
p2-1	2473	2 94065	vpx
p53-33	2471	2 94063	vpr
p10-12	2474	2 94066	vpx vpr
p53-41	2472	2 94064	vif vpr
p3-22	2475	2 94067	vif vpx vpr

Last Updated:

September 25, 2018

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