



NIH AIDS Reagent Program

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DATA SHEET

Reagent: SIVmac239 5' ΔVif Partial Molecular Clone (p7-21)

Catalog Number: 2470

Lot Number: 94062

Release Category: C

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

Cloning Vector: pBS(+)
Ampicillin resistant

Cloning Site: Unknown

GenBank: [M33262](#)

Host Strain: Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C.

Special Characteristics: This construct is 9668 bp including the insert.
Derived from p239SpSp5' (Cat# 829), which encodes the 5' half of the SIV_{mac239} genome. This mutant was constructed by splice overlap extension PCR, and contains a deletion in the *vif* coding region. Predicted splice donor (SD) and splice acceptor (SA) sites are shown in the attached figure.

Figure:
[Predicted splice donor \(SD\) and splice acceptor \(SA\)](#)

Alternate names include: SIVmac239 p7-21 5' D-Vif Clone

[Plasmid map and sequence file lot 94062](#)

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

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.

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.

References:

J. S. Gibbs, D. A. Regier and R. C. Desrosiers. (1994). Construction and in vitro properties of SIVmac mutants with deletions in "nonessential" genes. AIDS Res Hum Retroviruses, 10(4), 333-42. doi:10.1089/aid.1994.10.333 [PUBMED](#)

D. A. Regier and R. C. Desrosiers. (1990). The complete nucleotide sequence of a pathogenic molecular clone of simian immunodeficiency virus. AIDS Res Hum Retroviruses, 6(11), 1221-31. doi:10.1089/aid.1990.6.1221 [PUBMED](#)

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 Partial Molecular Clone (p7-21) from Dr. Ronald Desrosiers (cat# 2470)." 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	94065	vpx
p53-33	2471	94063	vpr
p10-12	2474	94066	vpx vpr
p53-41	2472	94064	vif vpr
p3-22	2475	94067	vif vpx vpr

Last Updated:

January 09, 2019

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