



NIH AIDS Reagent Program

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DATA SHEET

Reagent: SIVmac239 ΔNef Partial Molecular Clone

Catalog Number: 2477

Lot Number: 94069

Release Category: C

Provided: 1 µg plasmid DNA (10 µl) in TE buffer. Propagate in *E. coli* JM109 or XL-1 Blue.

Cloning Vector: pBS-.

Description: Derived from p239SpE3' (Catalog #830), which encodes the 3' half of the SIVmac239 genome.

Special Characteristics: Contains a deletion of nucleotides 9251-9432 in the nef coding region. All other open reading frames are intact. This clone is also missing a 610 bp *Sst*I fragment in the 3' flanking cellular DNA. The deletions are depicted in the attached figure, and the experimentally determined splice acceptor (SA) sites for tat and rev are also shown.

[Plasmid Map](#)

Recommended Storage: -70°C.

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

References: Gibbs JS, Regier DA, Desrosiers RC. Construction and *in vitro* properties of SIV_{mac} 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.

Park IW, Steen R, Li Y. Characterization of multiple mRNA species of simian immunodeficiency virus from macaques in a CD4+ lymphoid cell line. *J Virol* **65**:2007-2009, 1991.

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.

05:2987-2992, 1991.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pSIV_{mac}239Δnef Deletion Mutant from Dr. Ronald Desrosiers." Also include the references cited above in any publications.

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

Last Updated:

April 12, 2017

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