



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	pSIV _{mac} 239Δnef ΔUS Deletion Mutant
Catalog Number:	2478
Lot Number:	94070
Release Category:	C
Provided:	1 µg of dried purified DNA stabilized in DNASTable <i>PLUS</i>
Cloning Vector:	pBS-
Host Strain:	Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.
Description:	Derived from p239SpE3' (Catalog #830), which encodes the 3' half of the SIVmac239 genome.
Special Characteristics:	<p>This construct is 8553 bp including the insert.</p> <p>Contains a deletion in the <i>nef</i> coding region and a deletion in <i>nef</i> overlapping the U3 upstream sequences (US). This clone is also missing a 610 bp SstI fragment in the 3' flanking cellular DNA. The deletions are depicted in the attached contributor provided plasmid map, and the experimentally determined splice acceptor (SA) sites for <i>tat</i> and <i>rev</i> are also shown.</p> <p>Contributor Provided Plasmid Map</p> <p>Plasmid map and sequence file</p> <p>This reagent is currently being provided as dried purified DNA stabilized in DNASTable <i>PLUS</i>. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. Dried DNA Notice</p>
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

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.

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

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.

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**: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}239Δ*nef*ΔUS 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 Harvard Medical School Office of Technology Development at the following email address:
hms_materialtransfer@harvard.edu.

Last Updated: June 19, 2017

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