



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	SIVmac239 5' ΔVif/Vpx/Vpr Partial Molecular Clone (p3-22)
Catalog Number:	2475
Lot Number:	94067
Release Category:	C
Provided:	1 µg of dried purified DNA stabilized in DNASTable <i>PLUS</i>
Cloning Vector:	pBS- Ampicillin resistant
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.
Special Characteristics:	<p>This construct is 9070 bp including the insert.</p> <p>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 <i>vif</i>, <i>vpx</i>, and/or <i>vpr</i> coding regions, and predicted splice donor (SD) and splice acceptor (SA) sites are shown in the attached figure.</p> <p>Figure:</p> <p>Predicted splice donor (SD) and splice acceptor (SA)</p> <p>Sequence file lot 94067</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.

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/Vpx/Vpr Partial Molecular Clone (p3-22) from Dr. Ronald Desrosiers (cat# 2475)." 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: October 03, 2018

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