



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	SIVmac239 5' ΔVpr Partial Molecular Clone (p53-33)
Catalog Number:	2471
Lot Number:	94063
Release Category:	C
Provided:	1 µg of dried purified DNA stabilized in DNASTable <i>Plus</i>
Cloning Vector:	pBS(+) Ampicillin resistant
GenBank:	M33262
Special Characteristics:	<p>This construct is 9800 bp including the insert.</p> <p>Derived from p239SpSp5' (Catalog #829), which encodes the 5 half of the SIV_{mac}239 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>Sequence file lot 94063</p> <p>Figure:</p> <p>Predicted splice donor (SD) and splice acceptor (SA)</p> <p>Alternate names include: SIVmac239 p53-33 5' D-Vpr DNA</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: 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' ΔVpr Partial Molecular Clone (p53-33) from Dr. Ronald Desrosiers (cat# 2471)." 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: January 09, 2019

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