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DATA SHEET

Reagent: HIV-1_{NL4-3} 5' Clone (p83-2)

Catalog Number: 2479

Lot Number: 01026

Release Category: C

Provided: 1 µg plasmid DNA (100 µl) in TE buffer. Propagate in *E. coli* JM109 or XL-1 Blue.

Cloning Vector: pDR8 (a derivative of pUC19).

Special Characteristics: Derived from pNL4-3 (Catalog #114 from Dr. Malcolm Martin). Contains a 5747 bp fragment with 155 bp of cellular flanking DNA and 5592 bp of DNA from HIV-1_{NY5} containing the 5' LTR, complete *gag*, *pol*, and *vif* coding regions, and part of the *vpr* gene. Infectious virus with replication similar to the parental NL4-3 strain can be generated by treating p83-2 and p83-10 (Catalog #2480) with *EcoRI*, mixing the linearized plasmids, and transfecting directly into CEMx174 cells.

[Contributor provided sequence information](#)

[Plasmid map and sequence file lot 01026](#)

Recommended Storage: Keep at -20°C or lower. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Dr. Ronald Desrosiers and Dean Regier.

References: Gibbs JS, Regier DA, Desrosiers RC. Construction and *in vitro* properties of HIV-1 mutants with deletions in "nonessential" genes. *AIDS Res Hum Retroviruses* **10**:343-350, 1994.

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: p83-2 from Dr. Ronald Desrosiers." Also include the reference cited above in any publications.

Available only for non-commercial use. Requests from commercial organizations should be directed to Dr. Desrosiers, New England Regional Primate Research Center, Harvard Medical School, One Pine Hill Drive, Box 9102, Southborough, MA 01772-9102.

Last Updated:

February 08, 2016

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