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DATA SHEET

Reagent:	HIV-1 89.6 ΔVpr Infectious Molecular Clone
Catalog Number:	13403
Lot Number:	180167
Release Category:	C
Provided:	5 µg of dried purified DNA stabilized in DNAstable *PLUS*
Cloning Vector:	pUC19 Ampicillin resistant
GenBank:	U39362
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:	A full length replication competent, infectious HIV-1 subtype B 89.6 ΔVpr molecular clone. The virus produced by this clone utilizes CCR5 and CXCR4 as co-receptors.
Special Characteristics:	This construct is 12,122 bp including the insert. The source of this molecular clone is p89.6 (cat# 3552) from Dr. Ronald Collman. A shuttle vector was used to remove a fragment containing the *vpr* open reading frame for AflII digestion, fill in, and religation. This introduced a premature stop codon and destroys the AflII site in Vpr. When transfected into cells, this construct will produce infectious dual-tropic HIV-1 lacking functional Vpr. Contributor provided sequence file This reagent is currently being provided as dried purified DNA stabilized in DNAstable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. Dried DNA Notice

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.

Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. Kathleen Collins
References:	R. Collman, J. W. Balliet, S. A. Gregory, H. Friedman, D. L. Kolson, N. Nathanson and A. Srinivasan. (1992). An infectious molecular clone of an unusual macrophage-tropic and highly cytopathic strain of human immunodeficiency virus type 1. J Virol, 66(12), 7517-21. PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 89.6 ΔVpr Infectious Molecular Clone from Dr. Kathleen Collins (cat# 13403)." Also include the references cited above in any publications. **Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Office of Technology Transfer at the following email address: techtransfer@umich.edu, before the reagent can be released.**
Last Updated:	June 18, 2018

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