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DATA SHEET

Reagent:	p239SpE3' *nef* Open
Catalog Number:	2476
Lot Number:	99053
Release Category:	C
Provided:	1 vial ampicillin-resistant transformed STBL2 cells.
Cloning Vector:	pBS-.
Special Characteristics:	Derived from p239SpE3´ (Catalog #830), which encodes the 3´ half of the $SIV_{mac}239$ genome and has a premature stop at *nef* codon 93. Site-specific mutagenesis was used to make a TAA→GAA substitution, resulting in a fully open and functional *nef* open reading frame. The *Sst*I fragment from nucleotides 11,692-12,301 in the 3´ flanking cellular sequence has also been deleted. Plasmid Map
Recommended Storage:	-70°C.
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. Kestler HW III, Ringler DJ, Mori K, Panicali DL, Sehgal PK, Daniel MD, Desrosiers RC. Importance of the nef gene for maintenance of high virus loads and for development of AIDS. *Cell* **65**:651-662, 1991.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: p239SpE3' *nef* Open 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: May 10, 2017