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DATA SHEET

Reagent:	SIVmac239 ΔEnv Non-infectious Molecular Clone (pTR140)
Catalog Number:	1323
Lot Number:	180358
Release Category:	C
Provided:	5 µg of dried purified DNA stabilized in DNAstable *PLUS*
Cloning Vector:	pIC20R Ampicillin resistant
Cloning Site:	The size of the insert is approximately 4759 bp.
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 non-infectious SIVmac239 ΔEnv molecular clone.
Special Characteristics:	This construct is approximately 7500 bp including the insert. The source of this molecular clone is SIVmac239 5' Partial Molecular Clone (p239SpSp5') (ARP cat# 829) and SIVmac239 3' Partial Molecular Clone (p239SpE3') (ARP cat# 830). This clone contains SIVmac239 sequences from nt 5694-10453 except for an 82 bp deletion in the 3' LTR. Ligation of pTR140 to SIVmac239 5' Partial Molecular Clone (p239SpSp5') (ARP cat# 829) at the unique BstBI site produces replication-defective SIVmac239 due to the insertion of the hygromycin resistance gene into *env*. Contributor provided plasmid map 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

Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. Tahir Rizvi and Dr. Antonito Panganiban
References:	Rizvi, T. A. and Panganiban, A. T. (1992). Propagation of SIV vectors by genetic complementation with a heterologous env gene. AIDS Res Hum Retroviruses, 8(1), 89-95. doi:10.1089/aid.1992.8.89 PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVmac239 ΔEnv Non-infectious Molecular Clone (pTR140) from Dr. Tahir Rizvi and Dr. Antonito Panganiban (cat# 1323)." Also include the reference cited above in any publications.
Last Updated:	March 24, 2020