



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	SIVagmSab92018ivTF
Catalog Number:	12140
Lot Number:	02
Release Category:	C
Provided:	25 µL purified plasmid DNA (0.4 µg/µL)
Cloning Vector:	pCR-XL-TOPO (Invitrogen), Kanamycin resistant, size of cloning vector including insert is 13,408 bp
Cloning Site:	NotI – MluI, 3' to 5' orientation, insert size is 10,004 bp
GenBank:	HQ378594
Description:	A full-length SIV _{agm} Sab consensus sequence was obtained from an acutely infected Sabaeus monkey and chemically synthesized in two halves. The full-length Sab92018ivTF clone was generated by standard cloning techniques. The SIV _{agm} Sab clone contains intact reading frames for gag, pol, vif, vpr, tat, rev, env and nef.
Special Characteristics:	A transmitted/founder virus which has not been adapted to growth in cell culture but replicates well in vivo in Sabaeus monkeys. Clone can be used to define the determinants of SIV _{agm} Sab replication, gene function, immunogenicity and of non-pathogenic infection both in vitro and in vivo SIV/AGM model.
Recommended Storage:	-20°C
Contributor:	Dr. Frank Kirchhoff, Dr. Clement W. Gnanadurai, Dr. Beatrice H. Hahn

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.

References:

Gnanaduri CW, Pandrea I, Parrish NF, Learn GH, Salazar MG, Sauermann U, Topfer K, Gautam R, Munch J, Stahl-Hennig C, Apetrei C, Hahn BH, Kirchhoff F. Genetic identity and biological phenotype of a transmitted/founder virus representative of nonpathogenic simian immunodeficiency virus infection in African green monkeys. *J Virol.* **84**(23):12245-12254 (2010).

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Sab92018ivTF (Cat #12140) from Drs. Frank Kirchhoff, Clement Gnanadurai, Beatrice Hahn." Also include the reference cited above in any publications.

If intended for commercial use, please contact Dr. Frank Kirchhoff: Institute of Molecular Virology, Ulm University Medical Center, 89081 Ulm, Germany. Phone: 49-731-50065150. Fax: 49-731-50065153. E-mail: frank.kirchhoff@uni-ulm.de.

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