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DATA SHEET

Reagent:	HIV-1 JR-CSF Infectious Molecular Clone (pYK-JRCSF)
Catalog Number:	2708
Lot Number:	032602
Release Category:	C
Provided:	1 ml ampicillin-resistant transformed HB101 bacteria.
Cloning Vector:	pBRN/B.
Special Characteristics:	pYK-JRCSF is an infectious molecular clone of HIV-1_{JR-CSF}, a primary isolate from cerebral spinal fluid obtained from an AIDS patient. Contains 0.5 kb of 3' flanking sequences and 2.2 kb of 5' flanking DNA. This DNA clone was obtained from infected PBL eleven days after initiation of culture. Upon transfection, pYK-JRCSF produces infectious HIV-1 viral particles. JR-CSF infects peripheral blood lymphocytes and macrophages, but does not infect transformed T-cell lines. The virus does not induce syncytia formation.
Recommended Storage:	-70°C.
Contributor:	Dr. Irvin SY Chen and Dr. Yoshio Koyanagi.
References:	Haltiner M, Kempe T, Tijan R. A novel strategy for constructing clustered point mutations. *Nucleic Acids Res* **13**:1015-1025, 1985. Koyanagi Y, Miles S, Mitsuyasu RT, Merrill JE, Vinters HV, Chen ISY. Dual infection of the central nervous system by AIDS viruses with distinct cellular tropisms. *Science* **236**:819-822, 1987. Cann AJ, Zack JA, Go AS, Arrigo SJ, Koyanagi Y, Green PL, Pang S, Chen ISY. HIV-1 T-cell tropism is determined by events prior to provirus formation. *J Virol* **64**:4735-4742, 1990.

NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 JR-CSF Infectious Molecular Clone (pYK-JRCSF) from Dr. Irvin SY Chen and Dr. Yoshio Koyanagi." Also include the references cited above in any publications.
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