

NAME:	99ZACM9
REPOSITORY REFERENCE:	ARP 1101
CHARACTERISTICS:	Isolated from an HIV-1 infected female in South Africa in 1999. Patient had cryptococcal meningitis and a CD4 count of 24 cells/μl at the time of virus isolation. HIV-1 subtype C R5X4 isolate that also uses alternate coreceptors. Sequence information can be found in the Los Alamos database.
ACCESSION No.	AF411967
CELLS FOR PROPAGATING:	PBMCs
PRESENTATION:	1.0 ml cell-free virus grown in normal, PHA-stimulated human PBMCs.
CULTURE MEDIUM:	Propagate in RPMI 1640 containing 20% FBS, supplemented with IL-2. Fresh, uninfected PBMCs should be added periodically.
STORAGE:	-70°C or below.
SOURCE:	Prof Lynn Morris National Institute for Communicable Diseases, AIDS Virus Research Unit, 1 Modderfontein Road, Sandringham 2192 Johannesburg, South Africa

REFERENCES:

- Cilliers T, Willey S, Sullivan MW, Patience T, Pugach P, Coetzer M, Papathanasopoulos M, Moore JP, Trkola A, Clapham P and Morris L. Use of alternate coreceptors on primary cells by two HIV-1 isolates. *Virology* 339 2005: 136-144
- Cilliers T, Nhlapo J, Coetzer M, Orlovic D, Ketas T, Olson WC, Moore JP, Trkola A and Morris L. The CCR5 and CXCR4 coreceptors are both used by human immunodeficiency virus type 1 primary isolates from subtype C. *J Virol* 2003, 77: 4449-4456
- Papathanasopoulos MA, Cilliers T, Morris L, Mokili JL, Dowling W, Birx DL and McCutchan FE. Full-length genome analysis of HIV-1 subtype C utilizing CXCR4 and intersubtype recombinants isolated in South Africa. *AIDS Res Hum Retro.* 2002, 18: 879-886.

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Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)