



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☼ HIV-1 MJ4 Infectious Molecular Clone (pMJ4)

Catalog Number: 6439

Lot Number: 050813

Release Category: C

Provided: 5.35 µg of purified DNA at 0.892 µg/µL in TE buffer.

Cloning Vector: The cloning vector is pBlueScript. The size of the cloning vector including the insert is 12.8 kb. Ampicillin resistant.

Cloning Site: The cloning site on the vector is *SacI/EcoRI*. The size of the insert is 9.9 kb.

GenBank: [AF321523](#)

Host Strain: JM109 *E. coli* cells

Description: pMJ4 is an infectious HIV-1 subtype C molecular clone from a Southern African (Botswana) isolate.

Special Characteristics: [Plasmid map and sequence file lot 050813](#)

Recommended Storage: Keep at -20°C or lower. Avoid freeze-thaw cycles as reagent degradation may result.

Contributor: Drs. Thumbi Ndung'u, Boris Renjifo and Max Essex.

References: Ndung'u T, Renjifo B, Essex M. Construction and analysis of an infectious human immunodeficiency virus type 1 subtype C molecular clone. *J Virol* **75**(11):4964-4972, 2001.

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 MJ4 Infectious Molecular Clone (pMJ4) from Drs. Thumbi Ndung'u, Boris Renjifo and Max Essex." Also include the reference cited above in any publications.

Registrants at commercial entities must receive written approval from the three donors in order to receive this reagent. They may be contacted at the following e-mail addresses: ndungu@ukzn.ac.za, messemer@hsph.harvard.edu, boris.renjifo@abbvie.com

Last Updated:

February 15, 2017

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