



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Q461_{ENVc2}

Catalog Number: 11543

Lot Number: 098369

Release Category: C

Provided: 4.4 µg of dried purified DNA stabilized in DNASTable *PLUS*

Cloning Vector: pCI-neo (ampicillin and neomycin resistant).

Cloning Site: MluI-NotI, 5'-3'.
Insert size, approximately 3kb. Size of the cloning vector, including insert, is approximately 8.5kb.

GenBank: [AF407154](#)

Host Strain: STBL3

Description: This envelope variant is a subtype A envelope sequence that was isolated from a woman who acquired HIV-1 sexually. The envelope was cloned directly from her PBMC DNA at an estimated 17 days post-infection as described in Long et al (2002).

The envelope region of HIV-1 was amplified by PCR from PBMC DNA. The PCR product was digested with MluI/NotI, gel purified, and cloned into MluI/NotI digested pCI-neo

[Table of additional clones available in the repository](#)

Special Characteristics: This construct is 8524 bp including the insert.

This variant is useful for screening vaccine sera for neutralizing antibodies that can block recently transmitted, subtype A variants as described in Blish et al (2007). It may also be useful for screening candidate microbicides.

[Sequence file lot 098369](#)

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.

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. Julie Overbaugh

References: Long et al, ARHR 18: 567-576 (2002)
Blish et al, AIDS, 21(6): 693-702 (2007)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Q461Envc2, Cat #11543, from Dr. Julie Overbaugh", also include references cited above.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Gerianne Sands, Associate General Counsel, Fred Hutchinson Cancer Research Center, 110 Fairview Avenue North, Seattle WA, 98109, Tel: (206)667-1224, Fax: (206)667-6590, Email: gjsands@fhcrc.org, and specify the name of the reagent and a description of the intended use, before the reagent can be released.

Last Updated: December 19, 2018

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