



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Q769<sub>ENVb9</sub>

**Catalog Number:** 11545

**Lot Number:** 100005

**Release Category:** C

**Provided:** 4.3 µg of dried purified DNA stabilized in DNASTable *PLUS*

**Cloning Vector:** pCI-neo (ampicilin 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:** AF407157

**Host Strain:** STBL3

**Description:** This envelope variant is a subtype A envelope sequence tht was isolated from a woman who acquired HIV-1 sexually. The envelope was cloned directly from her PBMC DNA at an estimated 56 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 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 100005](#)

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

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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.

or 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: Q769Envb9, Cat #11545, 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:**

November 12, 2018

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