



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Q23x(Q461.e2)

Catalog Number: 12637

Lot Number: 140356

Release Category: C

Provided: 5 µg of dried purified DNA stabilized in DNASTable *PLUS*

Cloning Vector: pCDNA3.1-TOPO (ampicillin and neomycin resistant)

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

Host Strain: DH5α

Description: Full length chimeric HIV-1 provirus derived from a subtype A proviral clone, Q23-17 and engineered to encode a subtype A envelope variant obtained 28 days post-infection from a woman.

Special Characteristics: [Click here for the sequence data.](#)
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, Fred Hutchinson Cancer Research Center

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.

References: Provine NM, Cortez V, Chohan V, Overbaugh J. The neutralization sensitivity of viruses representing human immunodeficiency virus type 1 variants of diverse subtypes from early in infection is dependent on producer cell, as well as characteristics of the specific antibody and envelope variant. *Virology*. 2012 May 25;427(1):25-33.
[ABSTRACT](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat# 12637 Q23x(Q461.e2) from Dr. Julie Overbaugh." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Office of Business Development & Strategy, Email: MTA@fredhutch.org, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

Last Updated: December 19, 2017

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