



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	HIV-1 Infectious Molecular Clone (Q23x(Q168.b23))
<b>Catalog Number:</b>	12645
<b>Lot Number:</b>	140363
<b>Release Category:</b>	C
<b>Provided:</b>	5 µg of dried purified DNA stabilized in DNastable <i>PLUS</i>
<b>Cloning Vector:</b>	pCDNA3.1-TOPO (ampicillin and neomycin resistant)
<b>Cloning Site:</b>	TOPA TA, 5'-3'. Insert size, approximately 3 kb. Size of the cloning vector, including insert, is approximately 8.5 kb.
<b>Host Strain:</b>	DH5α
<b>Special Characteristics:</b>	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 23 days post-infection from a woman.  <a href="#">Click here for the contributor provided sequence data.</a>  <a href="#">Sequence file lot 140363</a>  This reagent is currently being provided as dried purified DNA stabilized in DNastable <i>PLUS</i> . Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. <a href="#">Dried DNA Notice</a>
<b>Recommended Storage:</b>	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
<b>Contributor:</b>	Dr. Julie Overbaugh, Fred Hutchinson Cancer Research Center

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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.

**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: HIV-1 Infectious Molecular Clone (Q23x(Q168.b23)) from Dr. Julie Overbaugh (cat# 12645)." 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](mailto: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:** September 29, 2020

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