



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** SIVcpz TAN1.910 Infectious Molecular Clone

**Catalog Number:** 11496

**Lot Number:** 080028

**Release Category:** C

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

**Cloning Vector:** pCR-XL-TOPO  
Kanamycin and zeocin resistant

**Cloning Site:** MluI cloning site  
The size of the insert is 9981 bp.

**GenBank:** [EF394356](#)

**Host Strain:** This plasmid contains the *ccdB* gene and cannot be propagated in most standard *E. coli* strains. Plasmids can be propagated in OneShot® *ccdB* Survival 2 T1<sup>R</sup> Chemically Competent cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other *ccdB*-resistant competent cells.

**Description:** Full-length molecular clone of infectious and replication-competent SIV<sub>CPZ</sub> provirus generated from overlapping RT-PCR fragments of fecal RNA from a wild chimpanzee.

**Special Characteristics:** This construct is 13,435 bp including the insert.  
Obtained directly from a non-habituated chimpanzee in the wild without intermediate passage in human or animal host cells.  
[Plasmid map and sequence file lot 080028](#)  
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

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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:**

Drs. Jun Takehisa, Matthias H. Kraus and Beatrice H. Hahn

**References:**

Takehisa J, Kraus MH, Decker JM, Li Y, Keele BF, Bibollet-Ruche F, Weng Z, Santiago ML, Kamenya S, Wilson ML, Pusey AE, Bailes E, Sharp PM, Shaw GM, and Hahn BH. Generation of infectious molecular clones of simian immunodeficiency virus from fecal consensus sequences of wild chimpanzees. *J. Virology* **81**:7463-7475, 2007.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVcpz TAN1.910 Infectious Molecular Clone (Cat #11496) from Drs. Jun Takehisa, Matthias H. Kraus and Beatrice H. Hahn." Also include the references cited above in any publications.

**Scientist at for-profit institutions or who intend commercial use of Release Category C reagent (SIVcpzTAN1.910, Cat# 11496), must contact Dr. Leona C. Fitzmaurice, UAB Research Foundation, Office of Intellectual Property Management, AB770, 1530 3rd Ave S., Birmingham, AL, 35294-0107, Tel: 205-934-7868, Fax: 205-934-5427, Email: fitzmaur@uab.edu, before the reagent can be released.**

**Last Updated:**

December 18, 2018

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