



NIH AIDS Reagent Program

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DATA SHEET

Reagent: pGM91 (pGM93)

Catalog Number: 183

Lot Number: 2

Release Category: A

Provided: 1 ml (6.8×10^9) of ampicillin-resistant transformed JM109 bacteria. Cells are suspended in LB medium supplemented with 50 $\mu\text{g/ml}$ ampicillin and 15% glycerol.

Description: 1.1 kb *Bam*HI (8053)-*Sst*I (9154) fragment of pBH10-R3 but excised using *Bam*HI (8053) site on pBH10-R3 and *Bam*HI site in the polylinker pBH10-R3 and cloned as *Bam*HI fragment in pGEM-2. Transcription using T7 will give sense RNA and transcription using SP6 will give antisense RNA.

Special Characteristics: Insert spans nucleotides 8475-9576 in the HIV HXB-2 GenBank sequence. Contains the entire *nef* gene. A premature stop codon in the *nef* gene occurs at 9165 in the GenBank sequence. This clone is useful for producing molecular probes and *in vitro* transcription.
[Plasmid Map](#)

Recommended Storage: -70°C.

Contributor: Dr. John Rossi.

References: Murakawa GJ, Zaia JA, Spallone PA, Stephens DA, Kaplan BE, Wallace RB, Rossi JJ. Direct detection of HIV-1 RNA from AIDS and ARC patient samples. *DNA* **7**:287-295, 1988.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pGM91 from Dr. John Rossi." Also include the reference cited above in any publications.

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.

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