



NIH AIDS Reagent Program

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DATA SHEET

Reagent: pLG338/30

Catalog Number: 3923

Lot Number: 1

Release Category: D

Provided: 1 vial ampicillin-resistant, transformed DH5a (glycerol stock). Culture at 37°C.

Description: Contains the 3.05 kb *PvuII-HincII* fragment from pLG338, which in turn contains the pSC101 *ori*. Also contains a 1.65 bp *EcoRI-HaeII* fragment with the pBR322 ampicillin resistance gene, and the multiple cloning site (*FspI-EcoRI*) from pIBI30.

[Plasmid Map](#)

Special Characteristics: Low copy number, 5215 bp plasmid vector useful in stabilizing lentivirus sequences such as SIV, EIAV, Visna maedi, etc. for subcloning, propagation, and manipulation in *E. coli*. Reduces the level of toxic gene expression from cryptic promoter sequences. GenBank Accession no. AF035682.

Recommended Storage: -70°C

Contributor: Dr. Ronald C. Montelaro.

References: Cunningham TP, Montelaro RC, Rushlow KE. Lentivirus envelope sequences and proviral genes are stabilized in *Escherichia coli* when cloned in low copy number plasmid vectors. *Gene* **124**:93?98, 1993.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: pLG338/30 from Dr. Ronald C. Montelaro." 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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