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DATA SHEET

Reagent:	FeLV 61E Infectious Molecular Clone (p61E - FeLV)
Catalog Number:	109
Lot Number:	180258
Release Category:	D
Provided:	5 µg of dried purified DNA stabilized in DNAstable *PLUS*
Cloning Vector:	pUC18 Ampicillin resistant
Cloning Site:	EcoRI cloning site The size of the insert is approximately 8440 bp.
GenBank:	M18247
Host Strain:	Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.
Description:	A full length replication competent, infectious FeLV 61E molecular clone.
Special Characteristics:	This construct is approximately 11126 bp including the insert. The source of this molecular clone is derived from a λgt Wes λB library of DNA from the intestine of a cat that had been inoculated with FeLV (FAIDS strain) and developed fatal immunodeficiency disease. FeLV is infectious and minimally pathogenic when inoculated into specific pathogen-free cats. Contributor provided plasmid map This reagent is currently being provided as dried purified DNA stabilized in DNAstable

PLOS. 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. James I. Mullins

References:

Donahue, P. R., Hoover, E. A., Beltz, G. A., Riedel, N., Hirsch, V. M., Overbaugh, J. and Mullins, J. I. (1988). Strong sequence conservation among horizontally transmissible, minimally pathogenic feline leukemia viruses. J Virol, 62(3), 722-31. PUBMED

Overbaugh, J., Donahue, P. R., Quackenbush, S. L., Hoover, E. A. and Mullins, J. I. (1988). Molecular cloning of a feline leukemia virus that induces fatal immunodeficiency disease in cats. Science, 239(4842), 906-10. PUBMED

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: FeLV 61E Infectious Molecular Clone (p61E - FeLV) from Dr. James Mullins (cat# 109)." Also include the references cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the University of Washington at the following email address: uwcomotion@uw.edu , before the reagent can be released.

Last Updated: November 13, 2019