**DATA SHEET**

**Reagent:** J-Lat Full Length Cells (15.4)

**Catalog Number:** 9850

**Lot Number:** 041231

**Release Category:** C

**Provided:** 1 ml (1 x 10^7 cells/vial), viability is 92 %. RMPI 1640 + penicillin G (100 U/ml) + streptomycin (100 µg/ml)

**Cell Type:** Parental cell type: Jurkat Virally infected with the following packaged retroviral construct: HIV-R7/E-/GFP; full length HIV 1 minus env, minus nef

**Propagation Medium:** RPMI 1640, 90%; FBS, 10%; supplemented with penicillin G (100 U/ml), streptomycin (100 µg/ml), L-glutamine (2 mM, 0.3 mg/ml).

**Freeze Medium:** FBS, 90%; DMSO, 10%.

**Growth Characteristics:** No special requirements, split 1:3 at 1x10^6 cells/ml. Cells grow in suspension, usually singly but some clumping has been noted.

**Morphology:** Small, spherical cells in suspension. Morphology usually does not vary.

**Sterility:** Negative for bacteria, mycoplasma, and fungi.

**Special Characteristics:** Full-length constructs secrete incomplete viral particles (capsids). Latently express GFP to varying degrees. Suited to study HIV latency and reactivation.

The clones in this series are: 6.3 (cat# 9846), 8.4 (cat# 9847), 9.2 (cat# 9848), 10.6 (cat# 9849), and 15.4 (cat# 9850).

Please see Table I in the reference publication for differences between these clones in GFP and p24 expression upon stimulation with TNF-α.
Recommended Storage: Liquid nitrogen

Contributor: Dr. Eric Verdin.


NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: J-Lat Full Length Clone (clone #) from Dr. Eric Verdin." Also include the reference cited above in any publication.

These cells and methods of use are covered by US Patents 7,232,685 and 7,544,467.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the J. David Gladstone Institutes, Email: veronica.viray@gladstone.ucsf.edu, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

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