



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Cryptococcus neoformans cDNA Library

Catalog Number: 2077

Lot Number: 3 00220

Release Category: A

Provided: 200 μ l λ phage growing stock, 10^9 pfu/ml. Propagate in LE392, XL1B, or other λ compatible strains.

Description: cDNA from *C. neoformans* strain B3501 serotype D was prepared by oligo dT tailing, *Eco*RI methylated, *Eco*RI linkers added, and inserted into the *Eco*RI site of λ ZAPII(Stratagene). Approximately 10^6 original recombinant phage were obtained.

Special Characteristics: The library was amplified once, then stored in 7% DMSO at -80°C . The library is very stable and will tolerate multiple freeze-thaws as long as it is stored at -80°C . When ready to use, thaw the aliquot, remove 1-2 μ l, and dilute 100-fold with SM buffer. The diluted library will have a titer of approximately 10^8 pfu/ml (but should be titered before use), and is stable for months at 4°C .

Contributor: Dr. Jeffrey Edman.

References: Edman JC, Kwon-Chung KJ. Isolation of the URA5 gene of *Cryptococcus neoformans* and its use *Mol Cell Biol* **10**:4538, 1990.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: *Cryptococcus neoformans* Genomic Library from Dr. Jeffrey Edman." Also include the reference cited above in any publications.

Last Updated: June 21, 2013

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.