Reagent: Cryptococcus neoformans Genomic Library

Catalog Number: 2076

Lot Number: 3 00219

Release Category: A

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

Description: Genomic DNA prepared from C. neoformans strain B3501 serotype D was mechanically sheared to 5-9 Kb, EcoRI methylated, EcoRI linkers added, and inserted into the EcoRI site of λZAPII. 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 µl, and dilute 100-fold with SM buffer. The diluted library will have a titer of approximately 10^7 pfu/ml (but should be titered before use), and is stable for months at 4°C.

Contributor: Dr. Jeffrey Edman.


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