

Resource Summary Report

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Cryptococcus Neoformans cDNA Sequencing

RRID:SCR_008462

Type: Tool

Proper Citation

Cryptococcus Neoformans cDNA Sequencing (RRID:SCR_008462)

Resource Information

URL: <http://www.genome.ou.edu/cneo.html>

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Description: Cryptococcus neoformans is an encapsulated yeast that infects the human host via the respiratory tract where it usually causes an inapparent infection. In the susceptible host, it may disseminate, typically producing a chronic and life-threatening meningitis. The Cryptococcus neoformans serotypes A and D are responsible for the overwhelming majority of pulmonary infections in AIDS patients. Cryptococcus neoformans strain H99 Latest Data Release - May 19, 2004 To date, we have isolated ca. 3750 cDNA clones from Cryptococcus neoformans strain H99 in collaboration with Drs. Juneann Murphy and Dave Dyer at the University of Oklahoma Health Sciences Center's Department of Microbiology and Immunology in Oklahoma City and Kent Buchanan at the Tulane University Medical School, New Orleans, LA. The Cryptococcus neoformans strain H99 EST's have been generated by Doris Kupfer, Heather Bell, Sunkyoung So, Yuong Tang, and Jennifer Lewis at the University of Oklahoma's Advanced Center for Genome Technology, in the Department of Chemistry and Biochemistry. We now have end sequenced all available templates (ca. 7500 reactions) from both ends of the directionally cloned inserts after excision into pBlueScript SK-. . All of our data is available from our ftp site, and we now have added the ability to perform blast searches on this data. A keyword search of a blastx search of GenBank with this data also is available but we have not yet linked this to a unigene database as the number of EST's sequenced doesn't warrent this yet.

Synonyms: cDNA Sequencing

Resource Type: software resource

Funding: NIAID AI147079

Resource Name: Cryptococcus Neoformans cDNA Sequencing

Resource ID: SCR_008462

Alternate IDs: nif-0000-30397

Record Creation Time: 20220129T080247+0000

Record Last Update: 20260801T190345+0000

Ratings and Alerts

No rating or validation information has been found for *Cryptococcus Neoformans* cDNA Sequencing.

No alerts have been found for *Cryptococcus Neoformans* cDNA Sequencing.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [PRECISE-TBI](#) .

Ren P, et al. (2005) Genomic organization and expression of 23 new genes from MATalpha locus of *Cryptococcus neoformans* var. *gattii*. Biochemical and biophysical research communications, 326(1), 233.