

### C. posadasii C735 EST libraries.

The mycelial (saprobic) phase of *Coccidioides posadasii* was grown in GYE liquid medium (1% glucose, 0.5% yeast extract) at 30°C for 5 days in a shaking incubator. The endosporulating spherules (parasitic phase) were produced by growth in flasks containing defined Converse glucose-salts medium {Levine, 1961} at 39°C purged with 20%CO<sub>2</sub>/80% air for 144 h in a shaking incubator. Total RNA from mycelia and spherules was used to prepare cDNA libraries in the pExpress1 vector by ExpressGenomics, Inc. (Frederick, MD). Other spherule cDNA libraries were obtained from T. Kirkland. (Table X).

Table X. EST libraries used for <i>C. posadasii</i> C735 genome annotation				
Library description	Library provider	TIGR identifiers	GenBank Accessions	No. ESTs
Spherule cDNA library	T. Kirkland	CIA[ABC]%	BF250924-BF252964	2041
Mycelia large-insert cDNA library	M. Gardner/G. Cole/ExpressGenomics, Inc.	CIB[ABC]%	CF811748-CF819661, CO014357-CO023596	17154
Mycelia small-insert cDNA library	M. Gardner/G. Cole/ExpressGenomics, Inc.	CID[ABC]%	CF819662-CF827997, CO023597-CO024307	9047
Spherule small-insert library	M. Gardner/G. Cole/ExpressGenomics, Inc.	CIE[ABC]%	CO001106-CO014356	13251
Spherule large-insert cDNA library	M. Gardner/G. Cole/ExpressGenomics, Inc.	CIF[ABC]%	CO024308-CO036056	11749
Spherule cDNA library	T. Kirkland	CIG[ABC]%	BF252965-BF253375	411
Spherule cDNA library	See GenBank	N/A	AF329641-AF329651	11
Total				53664

Levine, H.B. (1961) Purification of the spherule-endospore phase of *Coccidioides immitis*. *Sabouraudia* 1: 112-11