Identification of a sulfur amino acid biosynthetic gene in *Cryptococcus neoformans*

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*Cryptococcus neoformans* is an environmental microorganism and causes meningitis in immunocompromised patients by its infection into lung. Since amino acid biosynthetic pathways have been reported as a factor for *C. neoformans* survival in the host, these pathways are proposed as targets for potential antimicrobial drugs. By using *Agrobacterium tumefaciens* mediated mutagenesis to *C. neoformans*, 10000 transformants were obtained and screened for auxotrophy. Among these transformants, we found a mutant which requires cysteine an amino acid. This transformant, T-DNA was inserted into a gene which encodes a putative sulfite reductase which is involved in sulfur amino acid biosynthesis.