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(B) cDNA methylation of the C. albicans lipopolysaccharide (LOP1) gene in the cytoplasm of C. albicans (A) and C. arabidopsidis (B) as well as in the absence of methylation of the C. albicans LOP1 gene in C. albicans (C) and C. arabidopsidis (D) was studied using real-time PCR analysis using an enzyme-linked immunosorbent assay kit. Data are representative of two independent experiments. The error bars represent the SD of a means. (C) C. albicans lipopolysaccharide (LOP1) gene and C. albicans (A) and C. albicans (B) lipopolysaccharide (LOP1) gene are expressed as positive control. (D) C. albicans lipopolysaccharide (LOP1) gene expression in the cytoplasm of C. albioclinea is measured by qPCR. Data are representative of two independent experiments. The error bars represent the SD of a means. See also Figure S3 and Table S1. REFERENCES 1. Baecken RA, Chouinard S, Goldberg DA, Murphy AP, Lai V, et al. (2001) Function of the C. albicans lipopolysaccharide (LOP1) gene in the regulation of pathogenic fungi. J. Bacteriol. 181:1578–1589. 2. Baecken R, Goldberg DA, Goldberg DA, Murphy AP, et al. (2005) Role of the LOP1 gene in the regulation of Salmonella enterica. J. Bacteriol. 182:1591–1595. 3. Baecken R, Stolz A, Boyle S, Boyle D, Murphy AP, et al. (1996) An aerobic mutation of the LOP1 gene leads to the expression of anaerobic pathogenic fungi. J. Bacteriol. 181:1660–1671. 4. Baecken R, Stolz A, Boyle S, Boyle D, Murphy AP, et al. (1989) Identification of an aerogenic Salmonella type III secretion system. J. Bacteriol. 185:6195–6203. 5. Baecken R, Boyle S, Boyle D, Murphy AP, et al. (1990) The Salmonella type I secretion system of C. albicans is a direct replica of the Salmonella type I secretion system in humans. J. Bacteriol. 185:6176–6190. 6. Baecken R, Boyle S, Boyle D, Murphy AP, et al. (1988) Identification of a aerobiotic secretory system in C. albicans, a type IV secretion system. J. Bacteriol. 185:6189–6193. 7. Baecken R, Boyle S, Boyle D, Murphy AP, et al. (1988) Identification of a type IV secretion system in C. albicans, a type IV secretion system. J. Bacteriol. 185:6195– 8. Baecken R, Boyle S, Boyle D, Murphy AP, et al. (1989) Identification of a type IV secretion system in C. albicans, a type IV secretion system. J. Bacteriol. 185:6195– 9. Baecken R, Boyle D, Murphy AP, et al. (1988) Identification of a type IV secretion system in C. albicans, a type IV secretion system. J. Bacteriol. 185:6195– 10. Baecken R, Boyle S, Boyle D, Murphy AP, et al. (1989) The type IV secretion system of C. albicans is anaerobiotic and requires type IV secretion system. J. Bacteriol. 185:6195–6201. 11. Baecken R, Boyle S, Boyle D, Murphy AP, et al. (1989) Identification of a type IV secretion system in C. albicans, a type IV secretion system. J. Bacteriol. 185:6195–6201. 12. Baecken R, Boyle D, Murphy AP, et al. (1990) Identification of a type IV secretion system in C. albicans, a type IV secretion system. J. Bacteriol. 185:6195–6201. 13. Baecken R, Boyle D, Murphy AP, et al. (1989) Identification of a type