



Library Indian Institute of Science Education and Research Mohali



DSpace@IISERMohali (/jspui/)
/ Publications of IISER Mohali (/jspui/handle/123456789/4)
/ Research Articles (/jspui/handle/123456789/9)

Please use this identifier to cite or link to this item: <http://hdl.handle.net/123456789/3491>

Title:	Genome sequence of the oleaginous red yeast <i>Rhodospiridium toruloides</i> MTCC 457
Authors:	Bachhawat, A.K. (/jspui/browse?type=author&value=Bachhawat%2C+A.K.)
Keywords:	<i>Rhodospiridium toruloides</i> Molecular genetic Potential host
Issue Date:	2012
Publisher:	American Society for Microbiology
Citation:	Eukaryotic Cell 11(8), pp. 1083-1084
Abstract:	We report the de novo assembled 20.05-Mb draft genome of the red yeast <i>Rhodospiridium toruloides</i> MTCC 457, predicted to encode 5,993 proteins, 4 rRNAs, and 125 tRNAs. Proteins known to be unique to oleaginous fungi are present among the predicted proteins. The genome sequence will be valuable for molecular genetic analysis and manipulation of lipid accumulation in this yeast and for developing it as a potential host for biofuel production.
Description:	Only IISERM authors are available in the record.
URI:	https://ec.asm.org/content/11/8/1083 (https://ec.asm.org/content/11/8/1083) http://hdl.handle.net/123456789/3491 (http://hdl.handle.net/123456789/3491)
Appears in Collections:	Research Articles (/jspui/handle/123456789/9)

Files in This Item:

File	Description	Size	Format	
Need to add pdf.odt (/jspui/bitstream/123456789/3491/1/Need%20to%20add%20pdf.odt)		7.99 kB	OpenDocument Text	View/Open (/jspui/bitstream/123456789/3491/1/Need%20to%20add%20pdf.odt)

[Show full item record \(/jspui/handle/123456789/3491?mode=full\)](#)

[📊 \(/jspui/handle/123456789/3491/statistics\)](#)

Items in DSpace are protected by copyright, with all rights reserved, unless otherwise indicated.