

# DIAGNOSIS OF CYP52 GENE OF CANDIDA TROPICALIS RESPONSIBLE FOR BIOREMEDIATION USING DNA SEQUENCING TECHNIQUE.

- **Source:** Biochemical & Cellular Archives . Oct2022, Vol. 22 Issue 2, p4209-4212. 4p.
- **Author(s):** Badr, Sanaa Q.; Abbas, Basil A.
- **Abstract:** One hundred and nine isolates of the genus *Candida tropicalis* were isolated from water bodies of Basrah. Some of those isolates were diagnosed by PCR technique using ITS1 and ITS4 primers. The results of sequencing analysis of *C. tropicalis* by program showed that it is identical to the global isolates in the gene bank with varying rates between 75% to 82%. The genes responsible for the biological treatment of oil pollutants by yeasts were also detected. Two genes were detected, CYP52A3, CYP52A5 in *Candida tropicalis*. It can be concluded that these isolates can help in oil bioremediation.
- *Copyright of Biochemical & Cellular Archives is the property of Dr. P.R. Yadav and its content may not be copied or emailed to multiple sites or posted to a listserv without the copyright holder's express written permission. However, users may print, download, or email articles for individual use. This abstract may be abridged. No warranty is given about the accuracy of the copy. Users should refer to the original published version of the material for the full abstract.*

For access to this entire article and additional high quality information, please check with your college/university library, local public library, or affiliated institution.



**Important User Information:** Remote access to EBSCO's databases is permitted to patrons of subscribing institutions accessing from remote locations for personal, non-commercial use. However, remote access to EBSCO's databases from non-subscribing institutions is not allowed if the purpose of the use is for commercial gain through cost reduction or avoidance for a non-subscribing institution.

[Privacy Policy](#) [A/B Testing](#) [Terms of Use](#) [Copyright](#) [Cookie Policy](#)

© 2023 EBSCO Industries, Inc. All rights reserved.

