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Authors: Abhishek Sharma, Khem Raj Meena, Shamsher S.

Kanwar

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### ACCEPTED MANUSCRIPT

# Molecular characterization and bioinformatics studies of a lipase from Bacillus thermoamylovorans BHK67

Abhishek Sharma, Khem Raj Meena and Shamsher S. Kanwar\*

Department of Biotechnology, Himachal Pradesh University, Summer Hill, Shimla-171 005,

India.

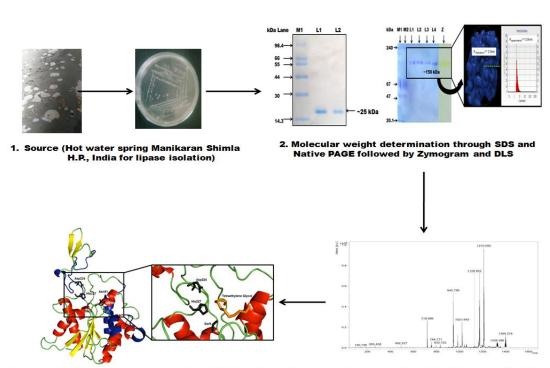
\*Corresponding author

Phone: 91-177-2831948 (O)

Telefax: 91-177-2832153

E-mail: kanwarss2000@yahoo.com

#### **Graphical abstract**



4. Bioinformatics analysis and ab-intio structure prediction 3. Peptide mass fingerprinting by MALDI-TOF

#### **Highlights**

- A thermotolerant alkaliphilic lipase from *B. thermoamylovorans* BHK 67 successfully purified.
- The lipase possessed lower  $K_{\rm m}$ , and higher  $V_{\rm max}$ .

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