### Accepted Manuscript

Constitutive expression of human gastric lipase in *Pichia pastoris* and site-directed mutagenesis of key lid-stabilizing residues

Laura Sams, Sawsan Amara, Almahdi Chakroun, Sébastien Coudre, Julie Paume, Jacqueline Giallo, Frédéric Carrière

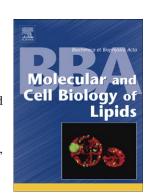
PII: S1388-1981(17)30123-3

DOI: doi:10.1016/j.bbalip.2017.07.002

Reference: BBAMCB 58175

To appear in: BBA - Molecular and Cell Biology of Lipids

Received date: 3 March 2017 Revised date: 4 July 2017 Accepted date: 5 July 2017



Please cite this article as: Laura Sams, Sawsan Amara, Almahdi Chakroun, Sébastien Coudre, Julie Paume, Jacqueline Giallo, Frédéric Carrière, Constitutive expression of human gastric lipase in *Pichia pastoris* and site-directed mutagenesis of key lid-stabilizing residues, *BBA - Molecular and Cell Biology of Lipids* (2017), doi:10.1016/j.bbalip.2017.07.002

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

## ACCEPTED MANUSCRIPT

# Constitutive expression of human gastric lipase in *Pichia pastoris* and site-directed mutagenesis of key lid-stabilizing residues

Laura Sams<sup>a, b</sup>, Sawsan Amara<sup>a,c</sup>, Almahdi Chakroun<sup>a</sup>, Sébastien Coudre<sup>a</sup>, Julie Paume<sup>b</sup>, Jacqueline Giallo<sup>b</sup> and Frédéric Carrière<sup>a\*</sup>

a CNRS, Aix Marseille Université, Enzymologie Interfaciale et Physiologie de la Lipolyse
UMR7282, 31 Chemin Joseph Aiguier, 13402 Marseille Cedex 20, France

<sup>b</sup> GERME S.A., Technopôle Marseille Provence Château-Gombert, ZAC la Baronne,12 Rue Marc Donadille, 13013 Marseille, France

<sup>c</sup> Lipolytech, Zone Luminy Biotech, 163 avenue de Luminy, 13288 Marseille Cedex 09, France

\*Correspondence to:

Frédéric Carrière; Phone: +33 - 491 164 134; E-mail: carrière@imm.cnrs.fr

Keywords: acid lipase; heterologous protein expression; lipid digestion; lipolysis; yeast

#### Download English Version:

# https://daneshyari.com/en/article/5508342

Download Persian Version:

https://daneshyari.com/article/5508342

<u>Daneshyari.com</u>