Title: Engineering the residues on "A" surface and C-terminal region to improve thermostability of nitrilase

Authors: Zhe Xu, Ting Cai, Neng Xiong, Shu-Ping Zou, Ya-Ping Xue, Yu-Guo Zheng

PII: S0141-0229(18)30088-7
DOI: https://doi.org/10.1016/j.enzmictec.2018.03.001
Reference: EMT 9188

To appear in: *Enzyme and Microbial Technology*

Received date: 4-1-2018
Revised date: 28-2-2018
Accepted date: 4-3-2018

Please cite this article as: Xu Zhe, Cai Ting, Xiong Neng, Zou Shu-Ping, Xue Ya-Ping, Zheng Yu-Guo.Engineering the residues on "A" surface and C-terminal region to improve thermostability of nitrilase.*Enzyme and Microbial Technology* https://doi.org/10.1016/j.enzmictec.2018.03.001

Engineering the residues on "A" surface and C-terminal region to improve thermostability of nitrilase

Zhe Xu[a,b], Ting Cai[a,b], Neng Xiong[a,b], Shu-Ping Zou[a,b], Ya-Ping Xue[a,b,*], Yu-Guo Zheng[a,b]

[a] *Key Laboratory of Bioorganic Synthesis of Zhejiang Province, College of Biotechnology and Bioengineering, Zhejiang University of Technology, Hangzhou 310014, China.*

[b]*Engineering Research Center of Bioconversion and Biopurification of Ministry of Education, Zhejiang University of Technology, Hangzhou 310014, China.*

Corresponding author: Ya-Ping Xue, Phone: + (86)-571-8832079; Fax: + (86)-571-88320630; E-mail address: zhengyg@zjut.edu.cn