



Supplementary Materials: Heterologous Expression and Characterization of A Novel Ochratoxin A Degrading Enzyme, N-acyl-L-amino Acid Amidohydrolase, from *Alcaligenes faecalis*

Honghai Zhang, Yunpeng Zhang, Tie Yin, Jing Wang and Xiaolin Zhang

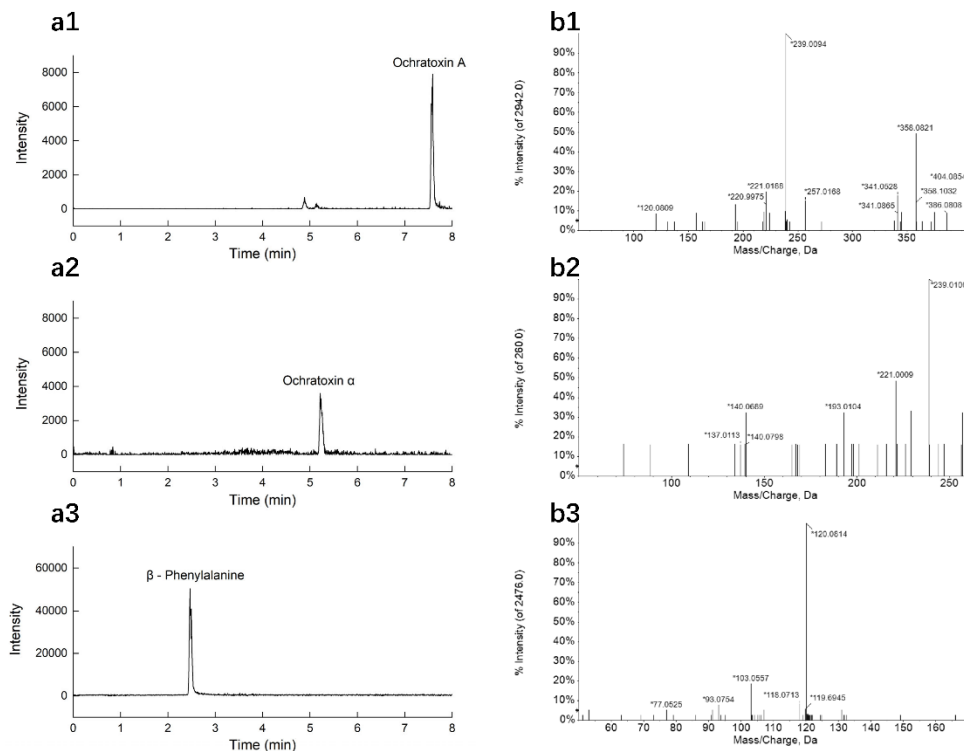


Figure S1. The extract ion chromatogram and MS/MS spectrum of (a1 and b1) ochratoxin A, (a2 and b2) ochratoxin α or (a3 and b3) β -phenylalanine, which the sample processed by rAfOTase.

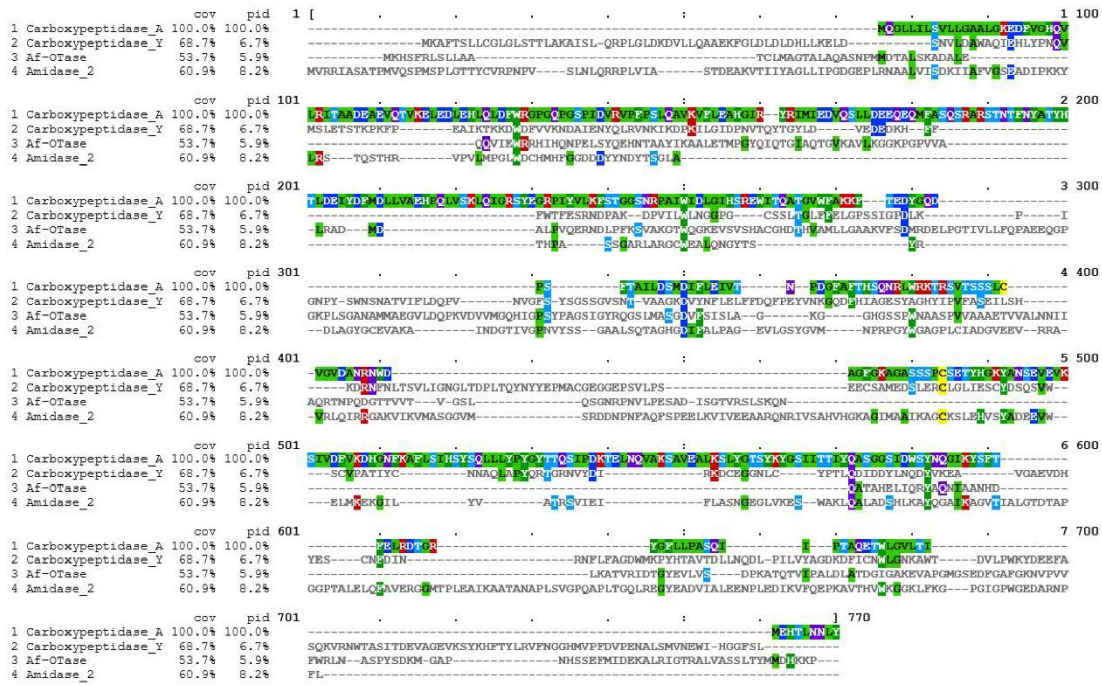


Figure S2. Multiple alignment of partial known ochratoxin A degrading enzymes. 1: Carboxypeptidase A from bovine pancreas; 2: Carboxypeptidase Y from *Saccharomyces cerevisiae*; 3: AfOTase from *Alcaligenes faecalis*; 4: Amidase 2 from *Aspergillus niger*.



Figure S3. Plasmid map for *Alcaligenes faecalis* OTase expression vector pET-28a(+)-rAfOTase.

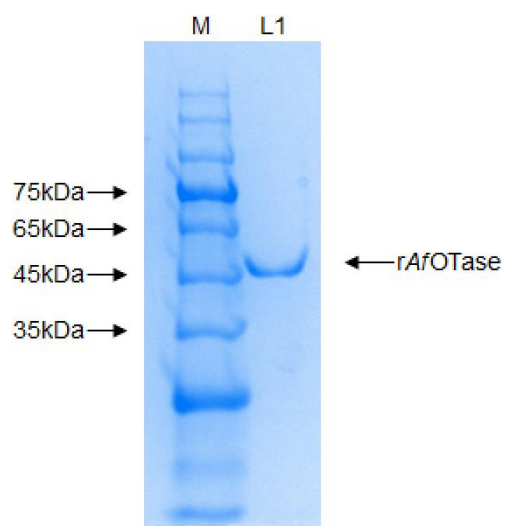


Figure S4. SDS-PAGE analysis of rAfOTase; M, protein size markers; L1, rAfOTase was purified by Ni²⁺-NTA resin.



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