

eISSN 2383-9902
pISSN 0440-2413

Korean Journal of Microbiology

Vol. 60, No. 1 | pp. 1-53 | March 2024
제60권 제1호 2024년 3월

미생물학회지 <http://www.kjom.org>

박중찬(한국외국어대학교)

“대장균에서 효모균 타이로신-tRNA 합성효소 돌연변이 단백질
을 이용한 비천연 아미노산 *p*-azido-*L*-phenylalanine
의 위치 특이적 삽입”, p.1

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Publications of this journal are supported in part by the Korean Federation of Science and Technology Societies (KOFST) Grant funded by the Korean Government.

Paper submission should be made electronically via the website <http://www.kjom.org/submission>. All queries regarding the submission should be directed to the Editorial office.

Editorial and publishing office

Rm 810, The Korea Science Technology Center The first building 22, Teheran-ro 7-gil, Gangnam-gu, Seoul 06130, Republic of Korea
<http://www.msk.or.kr> | E-mail: msk@msk.or.kr | Tel: +82-2-3453-3321/3386 | Fax: +82-2-3453-3322

Cover: Pictures are provided by Osong Bio Promotion Foundation and Medical Research Information Center (MedRIC)

Published: March 31, 2024

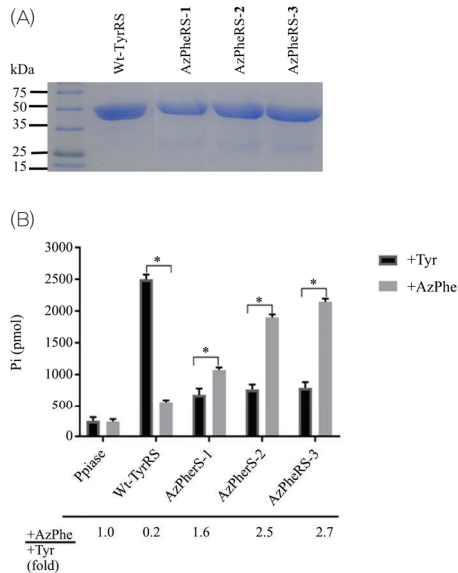
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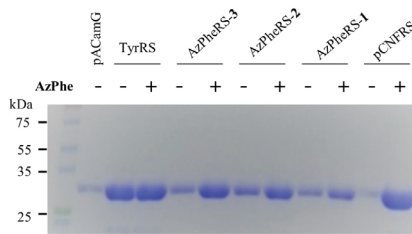
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(좌) 순수분리한 wild-type *Sc* TyrRS와 AzPheRS 변이 재조합 단백질의 타이로신 및 아지도페닐알라닌에 대한 *in vitro* aminoacylation 활성분석. (A) 분리된 재조합 단백질의 SDS-PAGE 분석. (B) 재조합 단백질의 aminoacylation 활성분석.

(우) 아지도페닐알라닌(AzPhe) 유무에 따라 AzPheRS에 의해 생성된 표적단백질 GFP_(TAG)의 정량적 SDS-PAGE 분석

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