Erratum to: Creation of a thermostable NADP⁺-dependent D-amino acid dehydrogenase from *Ureibacillus thermosphaericus* strain A1 meso-diaminopimelate dehydrogenase by site-directed mutagenesis

Hironaga Akita · Katsumi Doi ·
Yutaka Kawarabayasi · Toshihisa Ohshima

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Tables 1 and 2 have been published incorrectly in the original publication. As certain values are incorrect, the corrected versions are given below.

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H. Akita (✉)
Applied Molecular Microbiology and Biomass Chemistry,
Bioscience and Biotechnology, Faculty of Agriculture,
Kyushu University, 6-10-1 Hakozaki, Higashi-ku,
Fukuoka 812-8581, Japan
e-mail: h.akita.117@s.kyushu-u.ac.jp

K. Doi · T. Ohshima (✉)
Microbial Genetic Division, Institute of Genetic
Resources, Faculty of Agriculture, Kyushu University,
6-10-1 Hakozaki, Higashi-ku, Fukuoka 812-8581, Japan
e-mail: ohshima@agr.kyushu-u.ac.jp

K. Doi
e-mail: doi@agr.kyushu-u.ac.jp

Y. Kawarabayasi
Functional Genomics of Extremophiles, Faculty
of Agriculture, Kyushu University, 6-10-1 Hakozaki,
Higashi-ku, Fukuoka 812-8581, Japan
e-mail: kyutaka@agr.kyushu-u.ac.jp

Y. Kawarabayasi
National Institute of Advanced Industrial Science
and Technology, Nakoji 3-11-46, Amagasaki,
Hyogo 661-0974, Japan

Table 1 Purification of mut-DAADH from *E. coli* Rosetta (DE3)

Purification step	Total protein (mg)	Total activity (U)	Specific activity (U/mg)	Yield (%)
Crude extract	331	36.3	0.11	100
Heat-treatment	255	33.8	0.13	93
Chelating Sepharose TM Fast Flow column	138	29.2	0.21	80

The cells were collected from 500 ml medium

Table 2 Substrate specificity of mut-DAADH

Oxidative deamination		
Substrate	Relative activity ^a (%)	Relative activity ^b (%)
D-Cyclohexylalanine	100	100
D-Isoleucine	65 ± 0.8	73
D-2-Aminooctanoate	61 ± 1.0	61
D-Lysine	59 ± 0.4	53
D-Cyclopentylalanine	58 ± 1.2	45
D-2-Aminoheptanoate	49 ± 1.4	53
D-Norleucine	26 ± 0.1	20
D-Leucine	25 ± 0.6	19
D-Norvaline	9 ± 0.6	–
D-Ornithine	9 ± 0.2	–
D-Valine	4 ± 0.1	–
D-Methionine	3 ± 0.7	–
D-4-Fluorophenylalanine	2 ± 1.1	–
D-4-Chlorophenylalanine	2 ± 0.8	–
D-Phenylalanine	2 ± 0.8	–
D-Arginine	2 ± 0.6	–
Reductive amination		
Substrate	Relative activity ^c (%)	
2-Oxo-octanoate	100	–
2-Oxo-hexanoate	67 ± 0.6	–
2-Oxo-3-methylbutyrate	21 ± 2.0	–
2-Oxo-3-methylvalerate	18 ± 0.7	–
2-Oxo-butyrate	6 ± 0.8	–

^a The relative activity for oxidative deamination was measured using 30 mM D-amino acid as the substrate under standard assay conditions. The relative activity of 100 % was 0.33 μM/min/mg

^b The relative activity was calculated based on the V_{max} value, which was determined from the Michaelis–Menten equation using Igor Pro v3.14. The relative activity of 100 % was 0.52 μM/min/mg

^c The relative activity for reductive amination was measured using 30 mM 2-oxo acid as the substrate under the standard assay conditions. The relative activity of 100 % was 4.1 μM/min/mg