ISME

CORRECTION

Correction: Discovery and characterization of UipA, a uranium- and iron-binding PepSY protein involved in uranium tolerance by soil bacteria

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Correction to: *The ISME Journal* https://doi.org/10.1038/s41396-021-01113-7, published online 23 September 2021.

Following the publication of this article, the authors noted a mix-up in the table captions.

The tables should have appeared as shown below: (Tables 1 and 2).

The original article has been corrected.

Table 1. Top10 proteins with the highest FC values and their homologs in the other strains after 0.5, 4 and 24 h of uranium exposure.

ViU2A			HG3			A9			ViU22			
0.5 h	**4 h**	**24 h**	**0.5 h**	**4 h**	**24 h**	**0.5 h**	**4 h**	**24 h**	**0.5 h**	**4 h**	**24 h**	**Functional annotation and subcellular localization**
1.4	ns	10.5	ns	ns	8.6	−1.3	11.5	32.3	abs	abs	abs	*Unknown function (UipA)—membrane*
1.4	2	ns	ns	6.8	12	2.2	1.7	4.8	ns	ns	ns	*Unknown function (UipB)—membrane*
nd	nd	nd	ns	ns	2	ns	3.2	9.9	nd	nd	nd	ABC transporter ATP-binding protein YxdL—membrane
ns	8.3	7.1	ns	2.2	2.1	1.4	1.6	2.9	nd	nd	nd	*Putative ABC transporter solute-binding prot YclQ—membrane*
ns	ns	1.8	1.3	5.4	3	abs	abs	abs	abs	abs	abs	4-hydroxyacetophenone monooxygenase—membrane
ns	1.7	4.7	ns	2.0	3.1	ns	1.5	5.3	ns	−1.3	ns	*Periplasmic serine endoprotease DegP —membrane*
nd	nd	nd	ns	ns	ns	ns	2.8	5.2	nd	nd	nd	Unknown function
ns	ns	ns	ns	4.7	−1.4	2	ns	ns	nd	nd	nd	Unknown function
nd	nd	nd	ns	4.6	−2.0	ns	ns	1.7	ns	ns	ns	Putative SOS response-associated peptidase YedK
−1.7	ns	ns	ns	4.5	1.8	ns	−1.6	ns	ns	−1.7	ns	Protein RecA— cytoplasm

The data are sorted in descending order of maximum FC value. FC (below 1.5) or *p* value (above 0.05): not significant (ns); not detected in the proteome (nd); absent gene (abs). Proteins specific to the uranium-tolerant strains are shown in italics.

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Table 2. Macroscopic dissociation constants for 1:1 and 1:2 protein-metal complexes of $UipA_{ext}$ proteins and selected metals.

Metal	$UipA_{ext}$-ViU2A		$UipA_{ext}$-HG3		$UipA_{ext}$-A9	
	Prot-Me	**Prot-Me2**	**Prot-Me**	**Prot-Me2**	**Prot-Me**	**Prot-Me2**
Uranyl (UO_2^{2+})	$(4.2 \pm 1.8) \times 10^{-8}$	$(5.0 \pm 1.1) \times 10^{-8}$	$(3.1 \pm 2.5) \times 10^{-8}$	$(3.7 \pm 1.5) \times 10^{-8}$	$(1.3 \pm 0.6) \times 10^{-9}$	$(3.6 \pm 0.2) \times 10^{-8}$
Iron (Fe^{3+})	$(3.3 \pm 1.1) \times 10^{-9}$	$(2.3 \pm 0.1) \times 10^{-8}$	$(2.9 \pm 0.2) \times 10^{-8}$	$(2.6 \pm 0.4) \times 10^{-5}$	$(3.2 \pm 0.3) \times 10^{-8}$	$(4.4 \pm 0.1) \times 10^{-5}$
Calcium (Ca^{2+})	$(1.1 \pm 0.7) \times 10^{-4}$	$(6.9 \pm 0.7) \times 10^{-4}$	$(1.2 \pm 0.5) \times 10^{-4}$	$(2.5 \pm 0.2) \times 10^{-3}$	$(2.9 \pm 1.6) \times 10^{-4}$	–
Nickel (Ni^{2+})	$(1.7 \pm 0.3) \times 10^{-5}$	$(2.2 \pm 0.1) \times 10^{-5}$	$(4.0 \pm 0.9) \times 10^{-5}$	$(2.8 \pm 0.2) \times 10^{-5}$	$(1.8 \pm 0.8) \times 10^{-4}$	–
Zinc (Zn^{2+})	$(8.9 \pm 3.2) \times 10^{-5}$	$(1.3 \pm 0.1) \times 10^{-4}$	$(3.3 \pm 0.9) \times 10^{-4}$	$(6.9 \pm 0.4) \times 10^{-5}$	$(5.5 \pm 4.4) \times 10^{-5}$	–

Values are given in M ± corresponds to the standard deviation, calculated from three independent experiments.