

Correction to Metal Binding Properties of *Escherichia coli* YjiA, a Member of the Metal Homeostasis-Associated COG0523 Family of GTPases

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An error has been found in Table 2. The exponent for k_{cat} of apo WT-YjiA should be 10^{-4} , not 10^{-3} . This change does not impact any of the findings in the paper because the conclusions were based on the reported k_{cat}/K_m , which is correct. The revised, corrected table is shown below.

Table 2. Kinetics of GTP Hydrolysis by WT and E37A,C66A,C67A YjiA^a

| YjiA variant | metal bound | k_{cat} (s ⁻¹) | K_m (M) | k_{cat}/K_m (M ⁻¹ s ⁻¹) |
|----------------|-------------|-------------------------------------|--------------------------------|---|
| WT | apo | $(6 \pm 2) \times 10^{-4}$ | $(5 \pm 3) \times 10^{-5}$ | 14 ± 9 |
| | Co(II) | $(5 \pm 2) \times 10^{-4}$ | $(2.3 \pm 0.7) \times 10^{-4}$ | 2.3 ± 0.8 |
| | Ni(II) | | WH ^b | |
| | Zn(II) | | NH ^c | |
| E37A,C66A,C67A | apo | $(5 \pm 1) \times 10^{-4}$ | $(1.0 \pm 0.7) \times 10^{-4}$ | 6 ± 3 |
| | Co(II) | $(1.1 \pm 0.1) \times 10^{-3}$ | $(1.7 \pm 0.1) \times 10^{-5}$ | 78 ± 9 |
| | Ni(II) | $(6 \pm 1) \times 10^{-4}$ | $(3 \pm 1) \times 10^{-4}$ | 2 ± 1 |
| | Zn(II) | | NH ^c | |

^aAll GTPase assays were conducted with 0.5–2 μM WT or E37A,C66A,C67A YjiA in protein buffer supplemented with 5 mM MgCl₂. Samples containing metal were preincubated with either zinc, cobalt, or nickel overnight at 4 °C in an anaerobic glovebox. The amount of released phosphate was detected using a modified Malachite Green assay. The data listed are average values from at least three independent experiments. ^bWH, weak hydrolysis (see main text for details). ^cNH, no measurable hydrolysis.