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Correction to Biochemical and Spectroscopic Characterization of the Non-Heme Fe(II)- and 2-Oxoglutarate-Dependent Ethylene-Forming Enzyme from *Pseudomonas syringae* pv. *phaseolicola* PK2

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An error in protein concentration determination resulted in specific activity, k_{cat} , k_{cat}/K_m , and extinction coefficient values that were 4-fold too large.

Page 5993. The specific activity should read 548 ± 30 units/mg, which is comparable to the previously reported value of 660 units/mg. The k_{cat} values for 2OG, L-Arg (measuring ethylene), and L-Arg (measuring P5C) in Table 1 and the text should read 31 ± 3 , 32 ± 1 , and $0.73 \pm 0.08 \text{ min}^{-1}$, respectively. The corresponding k_{cat}/K_m values should read 0.55, 0.87, and $0.015 \mu\text{M}^{-1} \text{ min}^{-1}$, respectively.

Pages 5994 and 5995. The k_{cat} and k_{cat}/K_m values for 2OA in Table 2 and the text should read $0.063 \pm 0.005 \text{ min}^{-1}$ and $0.002 \mu\text{M}^{-1} \text{ min}^{-1}$, respectively, and those for L-Arg should be $0.068 \pm 0.003 \text{ min}^{-1}$ and $0.001 \mu\text{M}^{-1} \text{ min}^{-1}$, respectively. The extinction coefficient at 515 nm for EFE/Fe(II)/2OG should read $\sim 28 \text{ M}^{-1} \text{ cm}^{-1}$, and that for EFE/Fe(II)/2OG/L-Arg should read $\sim 79 \text{ M}^{-1} \text{ cm}^{-1}$.

Page 5996. The extinction coefficient at 515 nm for EFE/Fe(II)/2OA should read $\sim 26 \text{ M}^{-1} \text{ cm}^{-1}$, and that for EFE/Fe(II)/2OA/L-Arg should read $\sim 39 \text{ M}^{-1} \text{ cm}^{-1}$. In Figures S2–S4 of the Supporting Information, the y-axes should be multiplied by 0.25.

These changes do not affect the conclusions of the paper regarding the dual-circuit mechanism of the ethylene-forming enzyme.