Addition/Correction

Recognition of Duplex RNA by Helix-Threading Peptides [*J. Am. Chem. Soc.* 2004, *126*, 10603–10610].

Barry D. Gooch, and Peter A. Beal

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ADDITIONS AND CORRECTIONS

A Stereodivergent Approach to Chiral Non-Racemic N−Protected α,α-Dialkylated Amino Acids [*J. Am. Chem. Soc.* **2003**, *125*, 12106−12107]. Claude Spino,* and Cédrickx Godbout

Page 12106: The last author's name is Cédrickx Godbout not Cédrickx Gobdout.

Recognition of Duplex RNA by Helix-Threading Peptides [*J. Am. Chem. Soc.* 2004, *126*, 10603−10610]. Barry D. Gooch and Peter A. Beal*

Page 10603. The list of authors in reference 14 is incomplete, and the entire reference should read Jourdan, M.; Garcia, J.; Lhomme, J.; Teulade-Fichou, M.-P.; Vigneron, J.-P.; Lehn, J.-M. *Biochemistry* **1999**, *38*, 14205−14213.

Page 10609. The first phrase of part (A) in the Figure 7 caption is attributed to reference 30. However, this is incorrect and should be attributed to reference 34. This phrase should read: (A) Predicted partial secondary structure of an RNA containing a PIC binding site found in the pre-miRNA 39 from *C. elegans.*[34]

Oxygen Isotope Effects on Electron Transfer to O_2 Probed Using Chemically Modified Flavins Bound to Glucose Oxidase [*J. Am. Chem. Soc.* **2004**, *126*, 15120−15131]. Justine P. Roth,* Roseanne Wincek, Gabrielle Nodet, Dale E. Edmondson, William S. McIntire, and Judith P. Klinman*

Page 15130. The following corrections were needed in the Appendix:

(1) The force constants quoted in the Appendix are in units of J/m^2, not kcal mol^{-1} $Å^{-2}$ as indicated. The correct force constants used in the simulations are $k_1 = 1645$ kcal mol^{-1} $Å^{-2}$ for O_2 and $k_2 = 771$ kcal $mol^{-1}Å^{-2}$ for O_2^-.

(2) In keeping with convention, the sign of $\Delta G°$ in eq A2 should be negative and the difference $x_0 - x$ should be positive. Thus, the following equations are revised:

$$y_2 = \frac{1}{2}k_2(x_0 - x)^2 + \Delta G° \qquad (A2)$$

$$\left(\frac{1}{2}k_1 - \frac{1}{2}k_2\right)x^2 + (k_2x_0)x + \left(-\frac{1}{2}k_2x_0^2 - \Delta G°\right) = 0 \quad (A4)$$

$$x = \frac{-k_2x_0 \pm \sqrt{(k_2x_0)^2 - 2(k_1 - k_2)\left(-\frac{1}{2}k_2x_0^2 - \Delta G°\right)}}{k_1 - k_2} \quad (A5)$$

In A4 and A5, an exponent of 2 was missing from the x_0 terms in the original version. The corrected force constants result in a minor change in the appearance of Figure A1 as shown below. These corrections have no bearing on any of the conclusions reached in the paper.
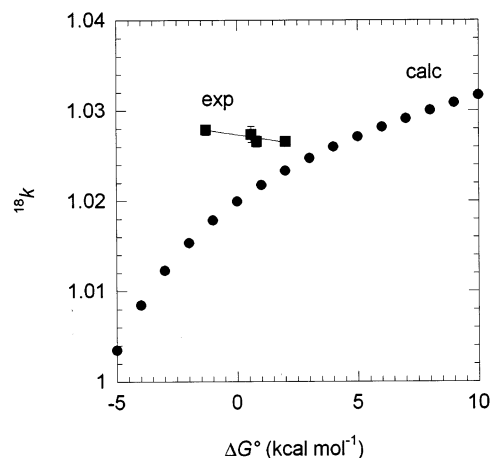

Figure 1.