Insights into the Recognition and Association of Transmembrane α-Helices. The Free Energy of α-Helix Dimerization in Glycophorin A

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ADDITIONS & CORRECTIONS

Insights into the Recognition and Association of Transmembrane α-Helices. The Free Energy of α-Helix Dimerization in Glycophorin A [*J. Am. Chem. Soc.* **2005,** *127,* 8478–8484]. Jérôme Hénin, Andrew Pohorille, and Christophe Chipot*

Page 8481. Equation 3, which relates the association constant to the potential of mean force, contained an error: it was missing a factor of $^1/_2$ arising from the symmetry number of the homodimer. The correct equation reads

$$K_a = \frac{1}{2}\int_0^{\xi_{max}} \exp[-\beta\, G(\xi)] 2\pi\xi \, d\xi \qquad (3)$$

The resulting 2-fold error in the association constant yielded a standard free energy of dissociation that was overestimated by 0.4 kcal/mol. This error is comparable to statistical precision and has no bearing on the conclusions of the work.

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