Correction

S. Lindman, S. Linse, F. A. A. Mulder, and I. André. 2007. pK_a values for side-chain carboxyl groups of a PGB1 variant explain salt and pH-dependent stability. *Biophys. J.* 92:1:257–66.

A typographical mistake was found in Eqs. 1 and 2 of this article. The correct form of the Henderson-Hasselbalch equation for deprotonation using a Hill parameter to account for nonideality should read:

$$\delta_{obs} = \frac{\left(\delta_{HA} + \delta_{A^-} 10^{n_h(pH-pK_a)}\right)}{\left(1 + 10^{n_h(pH-pK_a)}\right)}, \tag{1}$$

where δ_{obs} is the observed chemical shift, and δ_{HA} and δ_{A^-} are the chemical shifts of the protonated and unprotonated forms, respectively. And for the two-site model:

$$\delta_{obs} = \frac{\left(\delta_{1HA} + \delta_{1A^-} 10^{(pH-pK_{a1})}\right)}{\left(1 + 10^{(pH-pK_{a1})}\right)} + \frac{\left(\delta_{2HA} + \delta_{2A^-} 10^{(pH-pK_{a2})}\right)}{\left(1 + 10^{(pH-pK_{a2})}\right)}, \tag{2}$$

where δ_1 corresponds to the chemical shifts of the residue we directly monitor and δ_2 is the contribution of a secondary site on the chemical shift of the monitored site.

Importantly, all data were analyzed with these correct forms of Eqs. 1 and 2, and this correction in no way changes the results or conclusions presented in the original article.

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