

L. Morgado, M. Bruix, M. Pessanha, Y. Y. Londer, and C. A. Salgueiro*

*Correspondence: csalgueiro@dq.fct.unl.pt

2010. Thermodynamic characterization of a triheme cytochrome family from *Geobacter sulfurreducens* reveals mechanistic and functional diversity. *Biophys. J.* 99:293–301.

In Table 1, Energy parameters (meV), data for PpcE should be as follows:

Energy (meV)				
PpcE	Heme I	Heme III	Heme IV	Redox-Bohr center
Heme I	-168 (4)	28 (3)	3 (3)	-10 (4)
Heme III		-176 (4)	22 (3)	4 (4)
Heme IV			-114 (5)	-12 (4)
Redox-Bohr center				442 (10)

Figures and parameters derived from the PpcE values were obtained from the corrected ones.

doi: 10.1016/j.bpj.2011.05.017

Kenneth Tran,* Nicolas P. Smith, Denis S. Loisel, and Edmund J. Crampin*

*Correspondence: k.tran@auckland.ac.nz or e.crampin@auckland.ac.nz

2009. A thermodynamic model of the cardiac sarcoplasmic/endoplasmic Ca²⁺ (SERCA) pump. *Biophys J.* 96:2029–2042.

Units for parameter k_1^- in Table 2 should be s⁻¹ instead of mM⁻¹s⁻¹.

The positions of the proton dissociation constants, $K_{d,Hsr}$ and $K_{d,Hi}$, in the left-hand side of Eq. 5 are incorrect. They should be switched around to give:

$$\frac{k_1^+ k_2^+ k_3^+ K_{d,Casr1} K_{d,Casr2} K_{d,Hi} K_{d,H}}{k_1^- k_2^- k_3^- K_{d,Cai1} K_{d,Cai2} K_{d,Hsr}} = \frac{[MgADP][Pi][H^+][Ca^{2+}]_{sr}^2}{[MgATP][ca^{2+}]_i^2}$$

This also applies to the left-hand side of Eq. 7 which should be:

$$\frac{k_1^+ k_2^+ k_3^+ K_{d,Casr1} K_{d,Casr2} K_{d,Hi} K_{d,H}}{k_1^- k_2^- k_3^- K_{d,Cai1} K_{d,Cai2} K_{d,Hsr}} = e^{\Delta G_{MgATP}^0 / RT}$$

The equations for \tilde{H}_i and \tilde{H}_{sr} in Eq. 12 in the Appendix are missing an exponent of 2 and should read:

$$\tilde{H}_i = \frac{[H^+]^2}{K_{d,Hi}} \text{ and } \tilde{H}_{sr} = \frac{[H^+]^2}{K_{d,Hsr}}$$

doi: 10.1016/j.bpj.2011.05.018