ERRATUM

Zhiguang Xiao · Andrew R. Gardner
Maddalena Cross · Estelle M. Maes
Roman S. Czerusiewicz · Marco Sola
Anthony G. Wedd

Redox thermodynamics of mutant forms of the rubredoxin from *Clostridium pasteurianum*: identification of a stable $\text{Fe}^{\text{III}}(\text{S-Cys})_3(\text{OH})$ centre in the C6S mutant

Published online: 24 August 2001
© SBIC 2001

J Biol Inorg Chem (2001) 6:638–649

In the printed version of the article, Table 2 on p. 641 was scrambled. The correct version of the table is below:

Table 2 Redox thermodynamic data for reduction of RdCp proteins at 25 °C^a

Protein	pH ^b	dE_p/dT (mV/K)	Contribution to $E^{\circ'}$ (mV)		$E^{\circ'}$ (mV)
			$\Delta H_{\text{red}}^{\circ}/F$	$T\Delta S_{\text{red}}^{\circ}/F$	
rRdCp	6.0–10.0	–0.85	+170	–255	–85
	6.7 ^c	–	+231	–263	–32 ^c
C6S	8.0	–1.43	+300	–425	–125
	10.0	–0.88	+90	–260	–170
C9S	6.0	–0.66	–60	–195	–255
	8.0	–0.82	–50	–245	–295
C39S ^d	8.0	–0.63	+20	–185	–165
	10.0	–0.58	–15	–175	–190
C42S	6.0	–0.51	–55	–150	–205
	8.0	–0.73	–55	–220	–275
C9S/C42S	8.0	–0.02	–470	–5	–475
	10.0	–0.57	–370	–170	–540
V8G/V44G	8.0	–0.89	+305	–265	+40
V44A	8.0	–0.73	+205	–215	–10
V8I/V44I	8.0	–0.93	+210	–275	–65
G10V/G43A	8.0	–0.53	+15	–160	–145
G10V/G43V	8.0	–0.59	+10	–175	–165

^aParameters derived by curve fitting of the experimental data as a function of temperature (see Materials and methods section and Figs. 5 and 6)

^bConditions: 30 mM buffer (pH 6.0, Mes; pH 8.0, Tricine; pH 10.0, Caps); 100 mM NaCl

^cRef [28]; 25 mM phosphate; 50 mM MgCl_2

^dUncertainties for this protein are large; see Materials and methods section

The online version of the original article can be found at
<http://dx.doi.org/10.1007/s007750100241>

Z. Xiao (✉) · A.R. Gardner · M. Cross · A.G. Wedd
School of Chemistry, University of Melbourne,
Parkville, Victoria 3010, Australia
E-mail: z.xiao@unimelb.edu.au

M. Sola
Dipartimento di Chimica,
Università di Modena e Reggio Emilia,
Via Campi 183, 41100 Modena, Italy

E.M. Maes · R.S. Czerusiewicz
Department of Chemistry,
University of Houston,
Houston, TX 77204-5641, USA