Corrections

Identifying the Physiological Electron Transfer Site of Cytochrome *c* Peroxidase by Structure-Based Engineering, by Mark A. Miller,* Lois Geren, Gye Won Han, Aleister Saunders, James Beasley, Gary J. Pielak, Bill Durham, Francis Millett, and Joseph Kraut, Volume 35, Number 3, January 23, 1996, pages 667−673.

Page 670. In the legend to Figure 2, the sentence beginning on line 10 should read as follows: (Panel B, bottom) The positions of the yCc (white) and hCc (black) hemes are shown relative to CcP(MI) when bound in their respective modes.

Page 671. In Table 1, k_{et} for CcP:yCc at pH 7 should read 170. Also, errors are present in the footnote assignments and footnote legend. The table should appear as follows:

Table 1: Kinetic Parameters for ET from yCc to CcP and MPB-CcP(MI,A128,C193)[a]

	pH	k_{et}[b] ($\times 10^{-4}$ s^{-1})	k_{cat}[c] ($\times 10^{-2}$ s^{-1})	k_a[d] ($\times 10^{-7}$ M^{-1} s^{-1})	k_b[e] ($\times 10^{-7}$ M^{-1} s^{-1})	k_{cat}/K_m[c] ($\times 10^{-7}$ M^{-1} s^{-1})
CcP:yCc	6		22	20[f]	3.5[f]	3.8
	7	170[g]		17[h]	2.3[h]	
MPB mutant:yCc	6		0.32 (1.5)	1.0[f] (5)	0.19[f] (5)	0.14 (4)
	7	1.3 (1.1)		0.5[h] (3)	0.10[h] (4)	
CcP:hCc	6	6.1	2.5	20[i]	3[i]	0.6
MPB mutant:hCc	6	3.0 (49)	1.2 (47)	8.0[i] (40)	1.0[i] (33)	0.6 (100)

[a] Transient ET rates using Ru-bipyridine derivatives of hCc and yCc (Geren et al., 1991; Hahm et al., 1993) and steady-state kinetic measurements were made as described under Materials and Methods. The values in parentheses are the percentage of the CcP(MI) parent. [b] Measured with Ru-39-yCc, in 3 mM sodium phosphate buffer. [c] Measured in 5 mM sodium phosphate buffer, pH 6.0, adjusted to 110 mM ionic strength with NaCl. [d] Bimolecular reduction of Trp 191 radical of compound I measured with stopped-flow spectrophotometer. [e] Bimolecular reduction of oxyferryl heme of compound II measured with stopped-flow spectrophotometer. [f] Measured in 10 mM MES, 300 mM NaCl. [g] The measurement of this parameter will be described in detail elsewhere (Geren et al., manuscript in preparation). [h] Measured in 5 mM sodium phosphate, 300 mM NaCl. [i] Measured in 10 mM MES, 100 mM NaCl.

BI9650024

S0006-2960(96)05002-7 CCC: $12.00