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Author Correction: Global Implications of Local Unfolding Phenomena, Probed by Cysteine Reactivity in Human Frataxin

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The Article contains errors in Table 1, where the reported second column heading under Urea CD was incorrectly titled. Additionally, there are errors in four of the values listed under 'Urea Fluorescence' and 'Urea CD'.

The correct Table 1 is shown below.

Variant	Urea*						Temperature†
	Fluorescence			CD			CD
	$\Delta\Delta G_{N=U}^{\circ\text{H}_2\text{O}}$ (kcal mol ⁻¹)	$\Delta G_{N=U}^{\circ\text{H}_2\text{O}}$ (kcal mol ⁻¹)	C_m (M)	$\Delta\Delta G_{N=U}^{\circ\text{H}_2\text{O}}$ (kcal mol ⁻¹)	$\Delta G_{N=U}^{\circ\text{H}_2\text{O}}$ (kcal mol ⁻¹)	C_m (M)	T_m (°C)
FXN90-210	—	9.1 ± 0.5	4.94 ± 0.03	—	9.0 ± 0.5	4.92 ± 0.04	69.4 ± 0.4
FXN L198C	1.0	8.1 ± 0.5	4.41 ± 0.03	0.9	8.1 ± 0.5	4.42 ± 0.05	66.1 ± 0.3
FXN L200C	2.0	7.0 ± 0.4	3.85 ± 0.03	1.8	7.2 ± 0.5	3.95 ± 0.04	62.3 ± 0.3
FXN L203C	-1.0	10.0 ± 0.6	5.47 ± 0.03	-0.8	9.8 ± 0.6	5.35 ± 0.06	71.0 ± 0.4

Table 1. Thermodynamic parameters obtained from equilibrium unfolding experiments. *A two-state model was simultaneously fitted to the data obtained in urea-induced unfolding experiments followed by CD and Trp fluorescence for all variants (Figure 2A and B). The value of the $m_{N=U}$ parameter was assumed the same for all variants, and found to be 1.8 ± 0.1 kcal mol⁻¹ M⁻¹, considerably larger than the value inferred by considering the protein length (1.5 kcal mol⁻¹ M⁻¹). $\Delta\Delta G_{N=U}^{\circ\text{H}_2\text{O}} = \Delta G_{N=U}^{\circ\text{H}_2\text{O,wt}} - \Delta G_{N=U}^{\circ\text{H}_2\text{O,mutant}}$. C_m is the [urea] at which 50% of the molecules are unfolded ($\Delta G_{N=U}^{\circ C_m} = 0$). †A two-state model was simultaneously fitted to the data obtained in temperature-induced unfolding experiments followed by CD at 220 nm (Figure 2C). The value of the $\Delta C_{P,N=U}$ parameter—the difference in the heat capacity between the native and unfolded states—was assumed the same for all variants and found to be 1.8 ± 0.3 kcal mol⁻¹ K⁻¹. T_m is the temperature at which 50% of the molecules are unfolded ($\Delta G_{N=U}^{\circ T_m} = 0$).

Additionally, there is an error in Table 3, in which the value “ $137 \pm 2x$ ” under FXN L198C should read “ 137 ± 2 ”.



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