

From cysteine to longer chain thiols: a thermodynamic analysis of cadmium binding by phytochelatins and their fragments

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Supporting Information

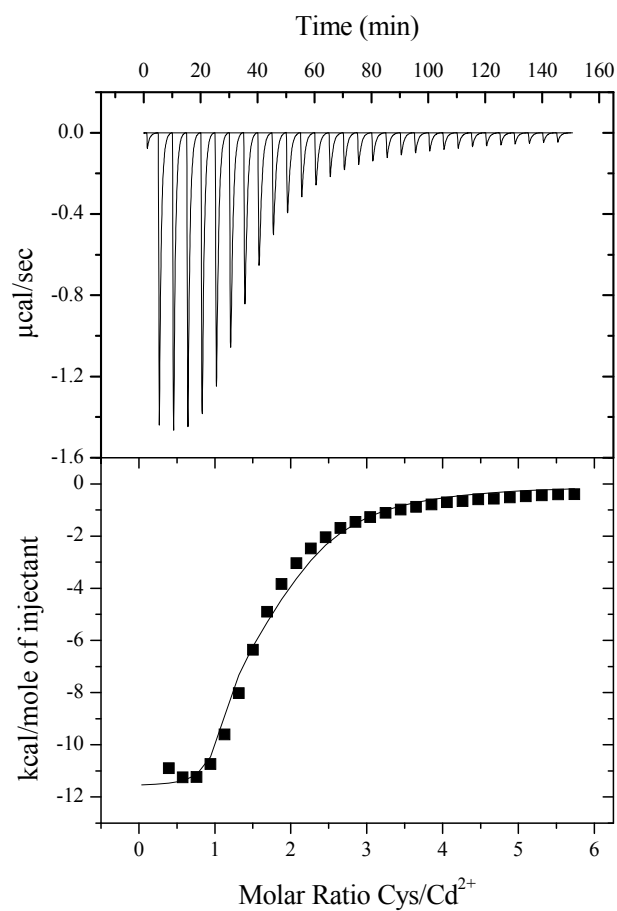


Figure S1. ITC curve for Cys (0.75 mM, syringe) titration to Cd²⁺ (0.03 mM, cell) at 25°C in Tris buffer at pH 7.5 and KNO₃ 0.1 M.

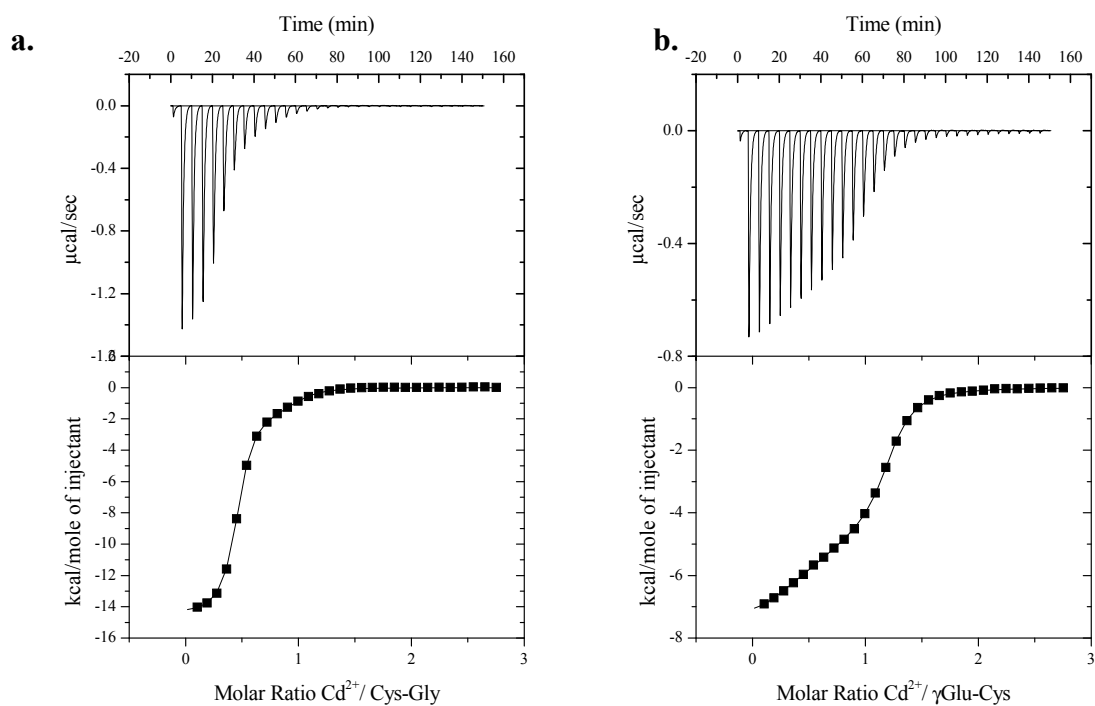


Figure S2. ITC curves for Cd^{2+} (0.6 mM, syringe) titration to Cys-Gly (0.05 mM, cell) (a) and $\gamma\text{Glu-Cys}$ (0.05 mM, cell) (b) at 25°C in Tris buffer at pH 8.5 and KNO_3 0.1 M.

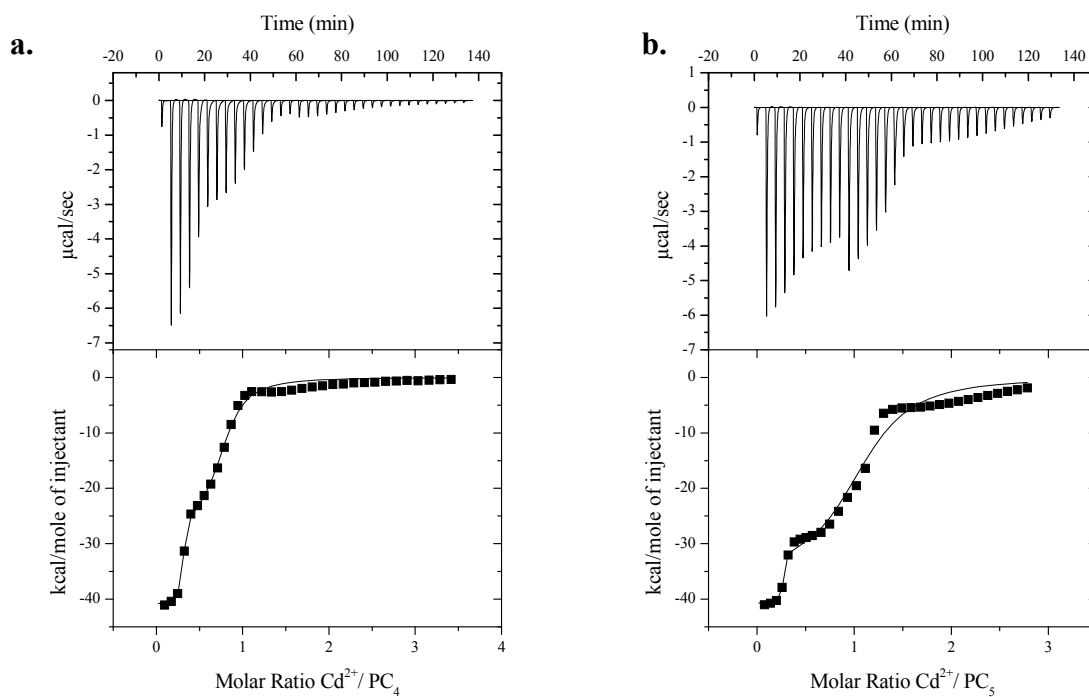


Figure S3. ITC curves for Cd^{2+} (0.6 mM, syringe) titration to PC_4 (0.04 mM, cell) (a) and PC_5 (0.05 mM, cell) (b) at 25°C in Tris buffer at pH 7.5 and KNO_3 0.1 M.