

**Increased removal of cadmium by *Chlamydomonas reinhardtii* modified with a synthetic gene for  $\gamma$ -glutamylcysteine synthetase**

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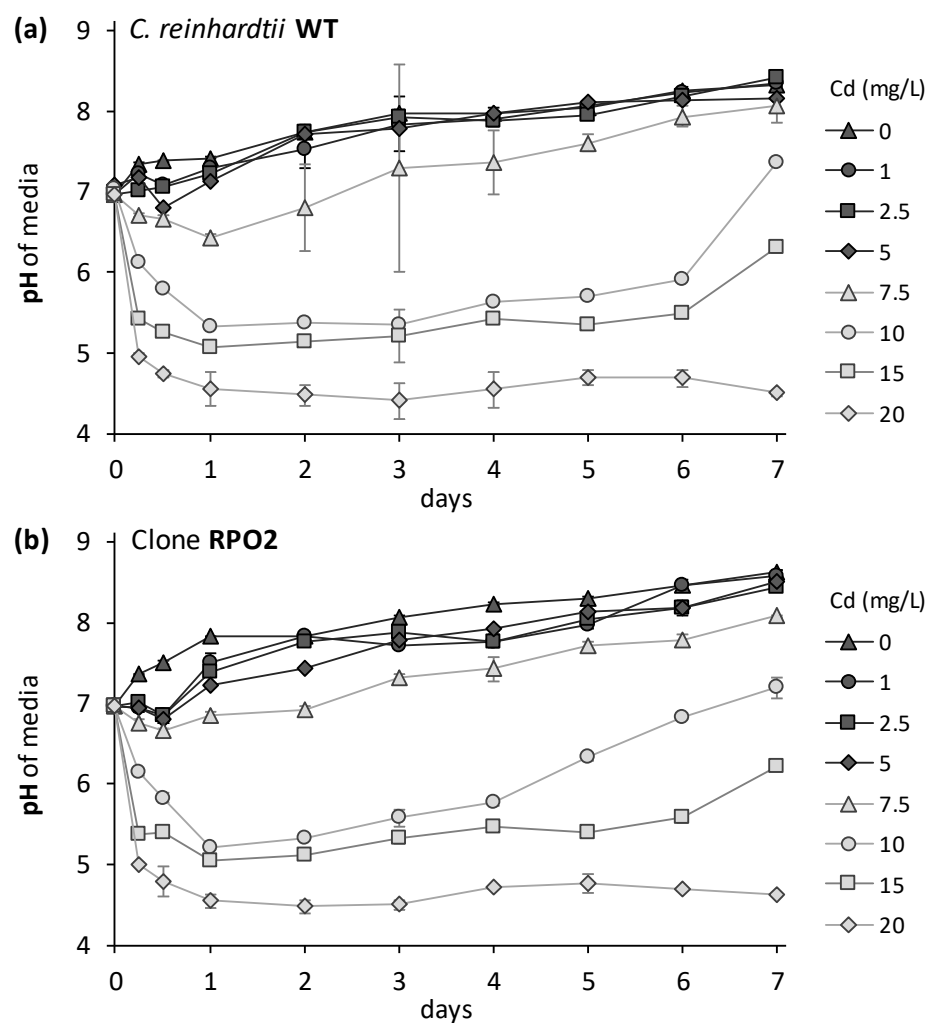
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**Supplemental Material**

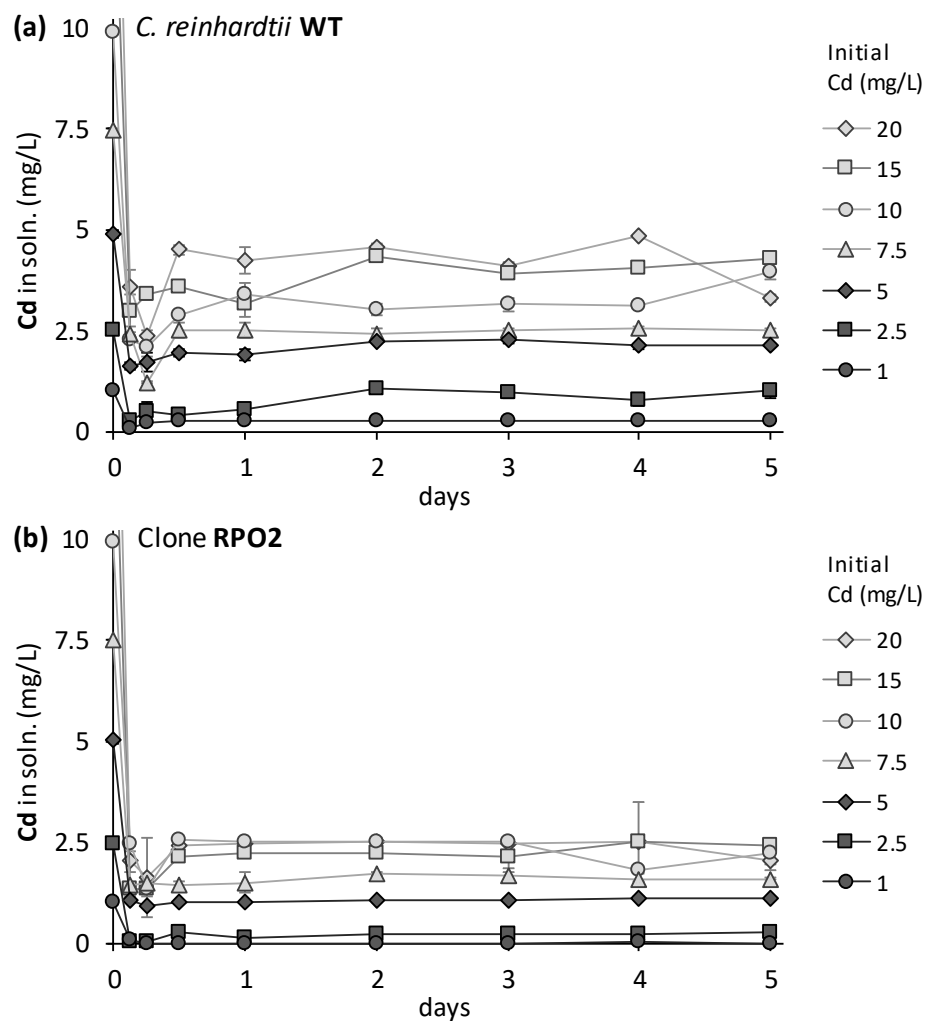
**Figure S1.** pH of the media with cadmium during the growth of *C. reinhardtii* WT (a) and its transformed clone RPO2 (b).

**Figure S2.** Cadmium remaining in solution during the growth of *C. reinhardtii* WT (a) and its transformed clone RPO2 (b) in media with cadmium.

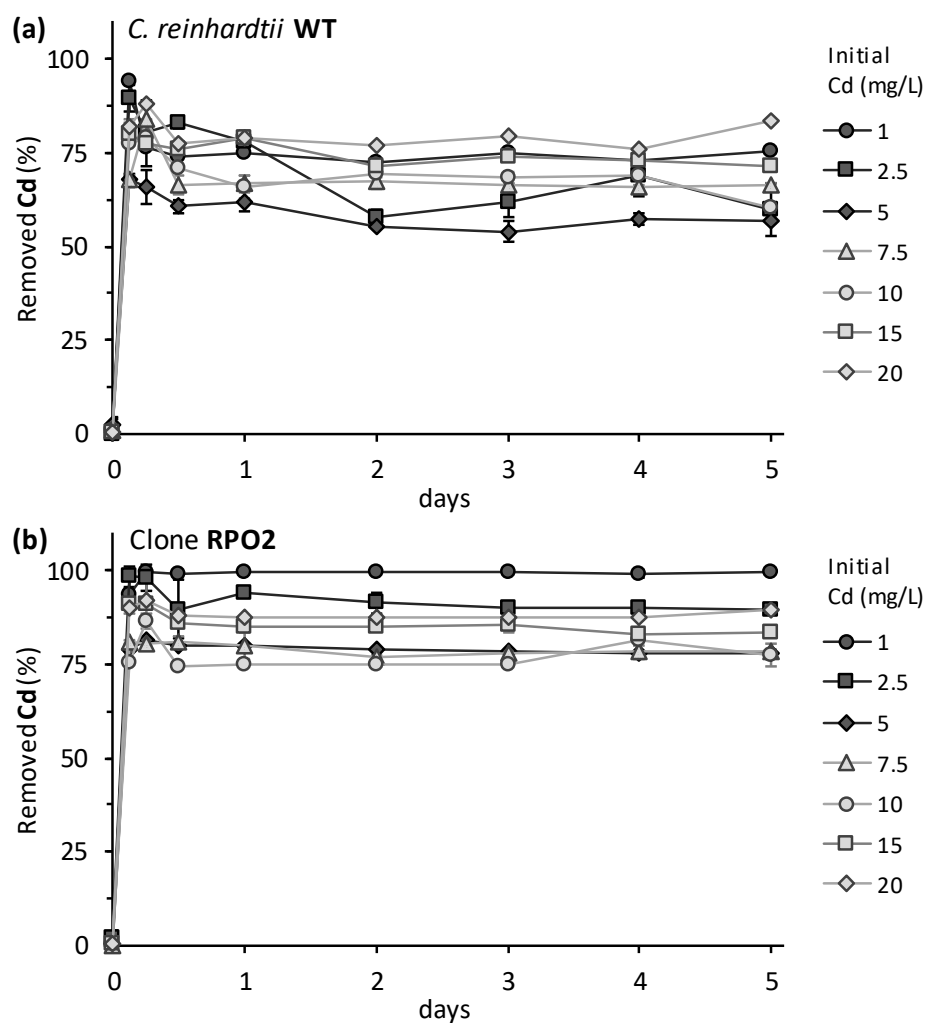
**Figure S3.** Cadmium removed by *C. reinhardtii* WT (a) and its transformed clone RPO2 (b) during their growth in media with cadmium.



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**Figure S2.** Cadmium remaining in solution during the growth of *C. reinhardtii* WT (a) and its transformed clone RPO2 (b) in media with cadmium.



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