



Figure S1: Sequencing of successful deletion of *tphA2A3BA1* gene cluster in *C. thiooxidans* UHH1 using primers Ct\_ko\_seq\_FW and Ct\_ko\_seq\_RV (TABLE 2). Figure was generated using Geneious Prime 2021.1.1 ([www.geneious.com](http://www.geneious.com)).