Supplementary Information

Genetic, metabolomic and transcriptomic analyses of the de novo L-cysteine biosynthetic pathway in the enteric protozoan parasite *Entamoeba histolytica*

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Supplementary Fig. S1

Expression of CS proteins in the *SAT1/2 and SAT3* gene-silenced and control strains. Approximately 40 µg of total lysates from the SAT1/2gs, SAT3gs, and control strains (psAP2G) was electrophoresed on an SDS-PAGE gel under reducing conditions and subjected to immunoblot analysis using anti-CS1, anti-CS3, and anti-EhCPBF1 antibodies (left panel). The densitometric quantification of the reacted bands was performed using Image J software. The levels of EhCS1, EhCS3 and EhCPBF1 proteins are expressed in arbitrary units (right panel).