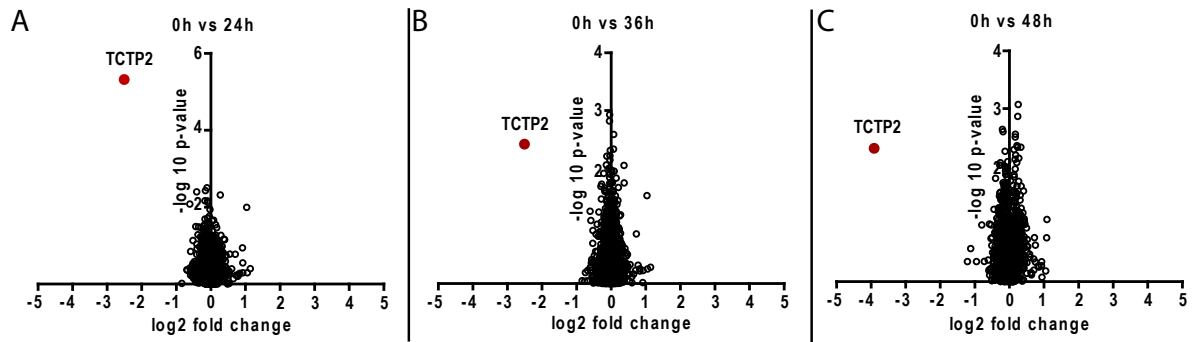


1 **Supplementary information**



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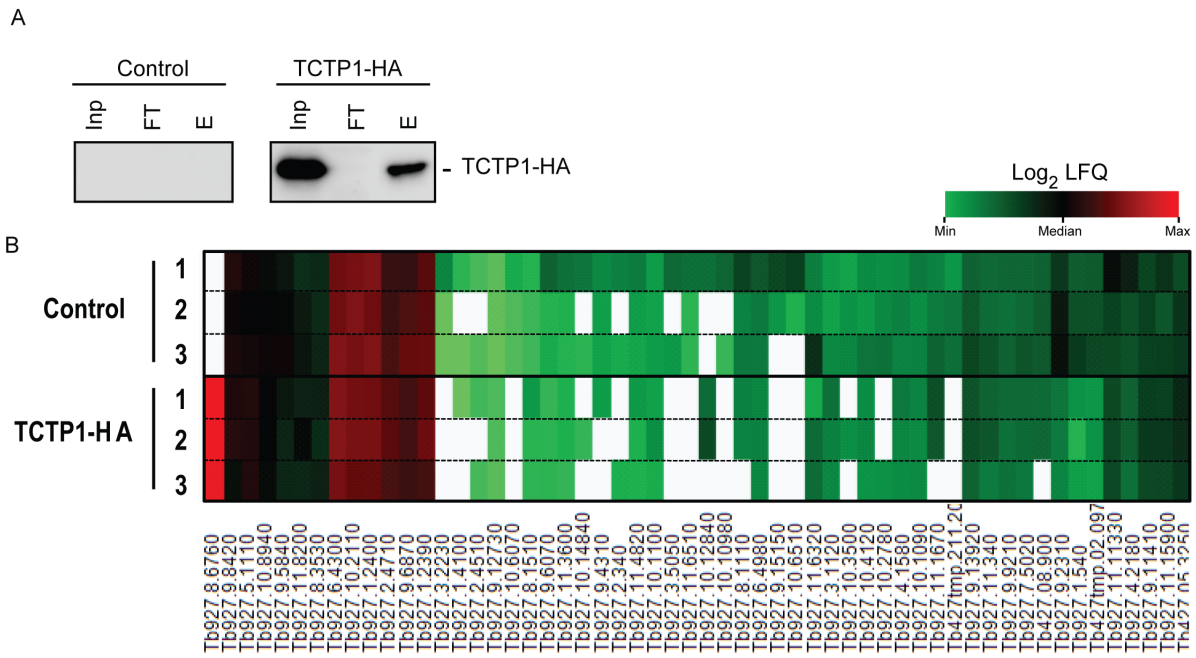
5 **Figure S1** Volcano plots showing log₂ fold changes of protein abundances following TCTP RNAi in

6 bloodstream trypanosomes. The proteomes of non-induced cells were compared with the ones where

7 downregulation of TCTP was induced for (A) 24 hours, (B) 36 hours (C) or 48 hours. For each time

8 point measurements were done in triplicates. p-values were calculated using two tailed student's t-test.

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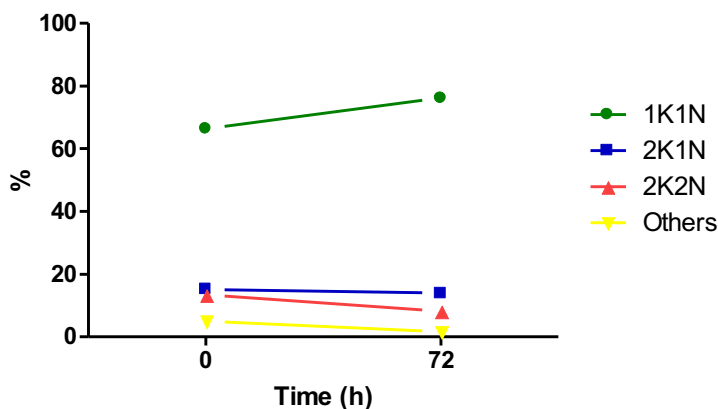


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23 **Figure S2** Co-immunoprecipitation of TCTP1-HA in procyclic trypanosomes. (A) Lysate of procyclic
 24 trypanosomes in which TCTP1 was c-terminally tagged with HA was incubated with anti-HA
 25 conjugated magnetic beads. Input (inp), flowthrough (FT) and eluate (E) were analyzed by Western
 26 blot decorated with anti-HA antibody. Equivalent cell numbers were loaded in each lane. Non-tagged
 27 procyclic 29-13 were used as control for specificity. (B) Table showing mass spectrometry analysis
 28 results of TCTP bound anti-HA conjugated beads. Color coded are displayed the log₂ label-free
 29 quantifiers (LFQ) calculated by MaxQuant on protein intensity. Color code is relative to the highest
 30 and lowest log₂ transformed LFQ value with brightest red being the maximum, brightest green the
 31 minimum, black the median. In white are missing values.

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35 **Figure S3** DNA content analysis following TCTP ORF RNAi in BSF cells (n ≥ 100). Two timepoints
 36 are shown 0 and 72h post RNAi induction. 1K1N, cells with one kinetoplast and one nucleus.