

# SUPPLEMENTARY MATERIAL

Figure S1

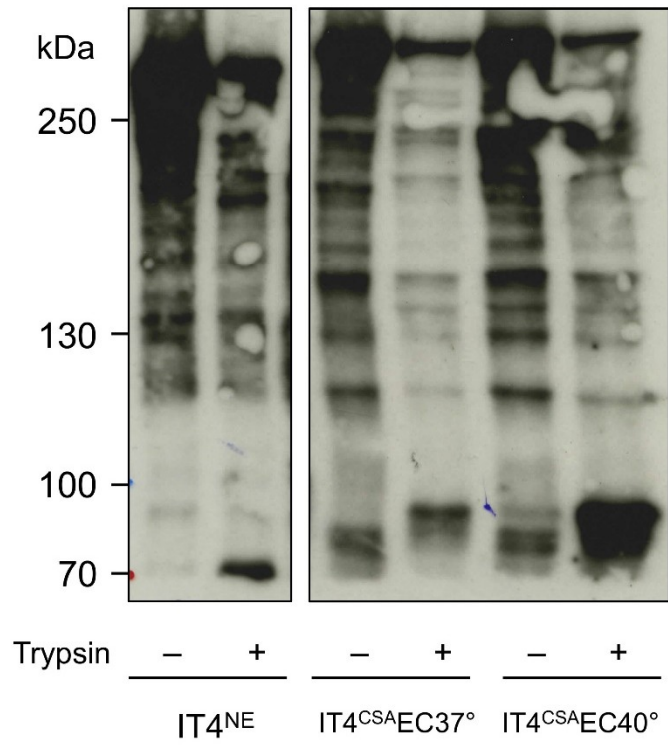


Figure S1: Western blot analysis for ATS was performed with trypsin-treated or untreated IEs and uninfected erythrocytes. All samples were solubilized in Laemmli sample buffer, separated by 6% SDS-PAGE, and analyzed by immunoblotting. Equivalents of  $3 \times 10^7$  cells were loaded in each lane. The ATS antibody detects surface *Pf*EMP1 as trypsin-cleaved intracellular ATS-residues.

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Figure S2

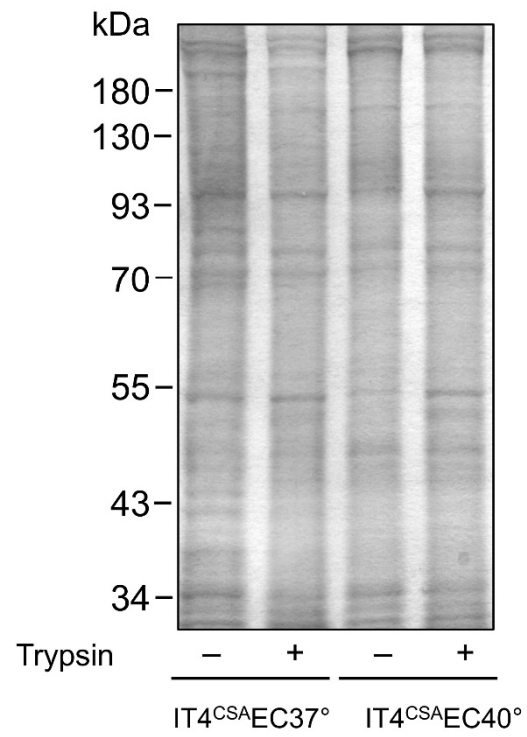


Figure S2: Coomassie-stained gel (10%) of membrane fractions (equivalents of  $1 \times 10^7$  cells were loaded in each lane) of IT4<sup>CSA</sup>EC37° and IT4<sup>CSA</sup>EC40° parasite populations (control for Figure. 2A)