

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Summary of *C. parvum* proteins identified by LC-MS/MS analysis.

File Name: Supplementary Data 2

Description: Oligonucleotides and plasmids used in this study.

File Name: Supplementary Movie 1

Description: **Fluorescent intensity CpGT1-mNeon-mCh during merogony using time lapse microscopy.** CpGT1-mNeon-mCh sporozoite that invaded into HCT-8 cells and underwent the entire merogony cycle. The video is recorded from 10 min before invasion to 12 h post invasion with an interval of 1 image every 10 min. Scale bars = 5 μ m.