

## **Description of additional supplementary files**

Title: Supplementary Data 1

Description: Proteomic and ubiquitinomic analyses in gametocytes

Title: Supplementary Data 2

Description: Proteins identified in SCFFBXO1 immunoprecipitates

Title: Supplementary Data 3

Description: Proteomic and ubiquitinomic analyses of FBXO1-GD gametocytes

Title: Supplementary Data 4

Description: Proteomic and ubiquitinomic analyses of CDPK1-KO gametocytes

Title: Supplementary Movie S1

Description: Confocal sections of expanded FBXO1-HA schizonts