Figure S3 Α TgFRM3 3'UTR Endogenous locus in *ku80-ko* SAG1 3'UTR **Plasmid** gCt 3Ty **HXGPRT** 3Ty Modified **HXGPR** locus A 2112 bps B W180 POOLHT CPRT* (P.B) В C ku80-K03-3TY 460 -- FRM3-3Ty 268 -238 -171

Supplementary figure S3. Epitope tagging of *TgFRM3* by knock-in strategy (A) Insertion of three Ty epitope tags at the C-terminus of TgFRM3 by single homologous recombination

anti-Ty antibodies.

(knock-in in *ku80-ko* strain). The primers used for PCR analysis are indicated. (B) PCR analysis performed on pool-HXGPRT⁺, showing that single homologous recombination occurred. Genomic DNA from *ku80-ko* parasites was used as negative control.

117 · 71 ·

α-Ty

IgG H.C.

Genomic DNA from *ku80-ko* parasites was used as negative control. (C) The formin 3 protein is expressed in tachyzoites. The formin 3 protein was immunoprecipitated using mouse anti-Ty antibodies and resolved by western blot analysis. An extract of *ku80-ko* parasites was used as negative control for the *frm3-3Ty* pool of parasites. Samples were subjected to immunoblotting with the

mAb anti-Ty antibodies. Heavy (HC) chains of the mouse immunoglobulins are detected with the mouse