Supporting Information

Niles et al. 10.1073/pnas.0906370106

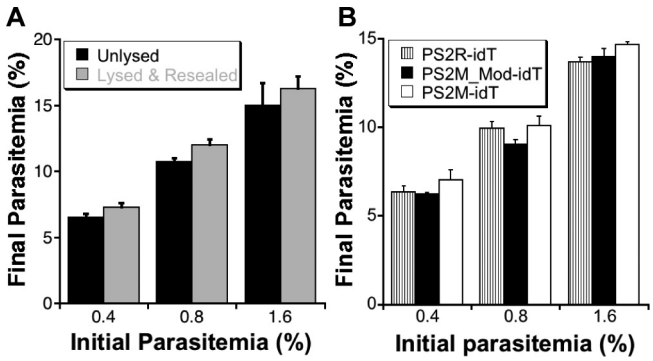

Fig. S1. (*A*) Parasites infect and grow equally well in sham-loaded (lysed and resealed using the HL/R procedure) as intact erythrocytes. (*B*) Excluding RBC bound aptamer as an explanation for aptamer induced toxicity. Erythrocytes were incubated in isotonic buffer (no lysis) under conditions simulating loading with 300 μM *PS2R-idT*, *PS2M_Mod-idT* and PS2M-idT, washed exactly according to the post resealing step of the HL/R protocol and used in parasite growth assays.

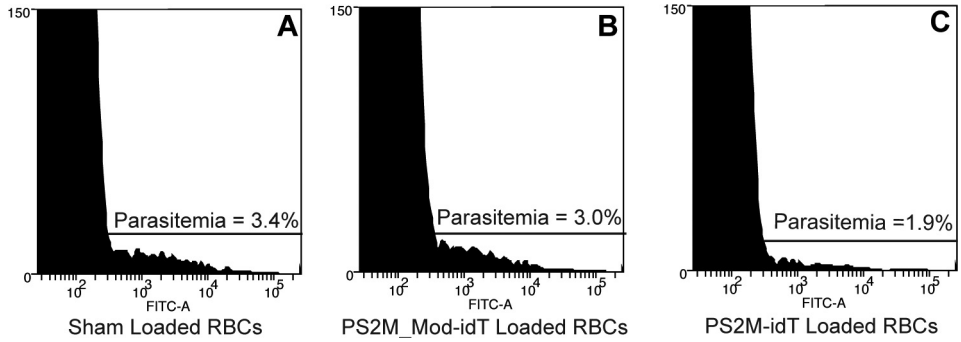

Fig. S2. Several representative FACS histograms used to determine parasite growth in experiments with: (*A*) Sham-loaded RBCs; (*B*) control oligonucleotide *PS2M_Mod-idT* (300 μM) preloaded RBCs; and (*C*) heme-binding aptamer PS2M-idT (300 μM)-preloaded RBCs.