

Supplementary Figure S2: Distinguishing between the infectivity of WT and KO parasites during different stages of infection. (A) The panels show possible combinations of the infection rate  $\beta_0$  and reticulocyte factor RF for WT (*blue*) and KO (*green*) parasites explaining the parasitemia level observed. While infectivity characteristics for both parasite strains overlap during early days post infection, later time points allow differing between the two strains. (B) Zoom into a particular region of (A) to improve visual clarity.