



Supplementary Figure 1 - Negative control images for organellar staining.

A and **B**. anti-PfCS (chorismate synthase), **C**. anti-PfPK (cyclin-dependent protein kinase 5), both enzymes previously characterised as having a simple cytoplasmic distribution {Fitzpatrick, 2001 #618}. All parasites were expressing DsRED labelled PfACP. The control antibodies show little or no fluorescence coincident with the apicoplasts, despite the parasites being in the mitotic schizont phase where anti-PfSHMT fluorescence is most overt (scale bars **A** 3 μm , **B** and **C** 2 μm).