

Supplementary information

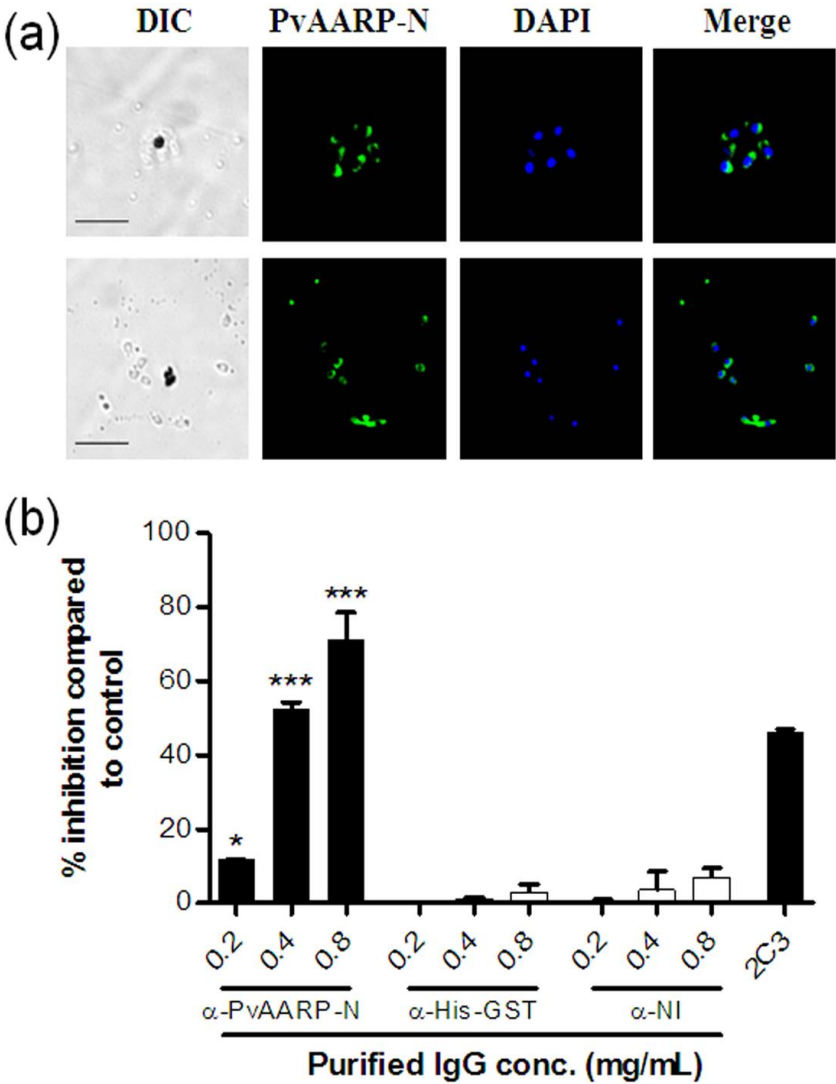
Title

Cross-species analysis of apical asparagine-rich protein of *Plasmodium vivax* and *Plasmodium knowlesi*

Author names and affiliations

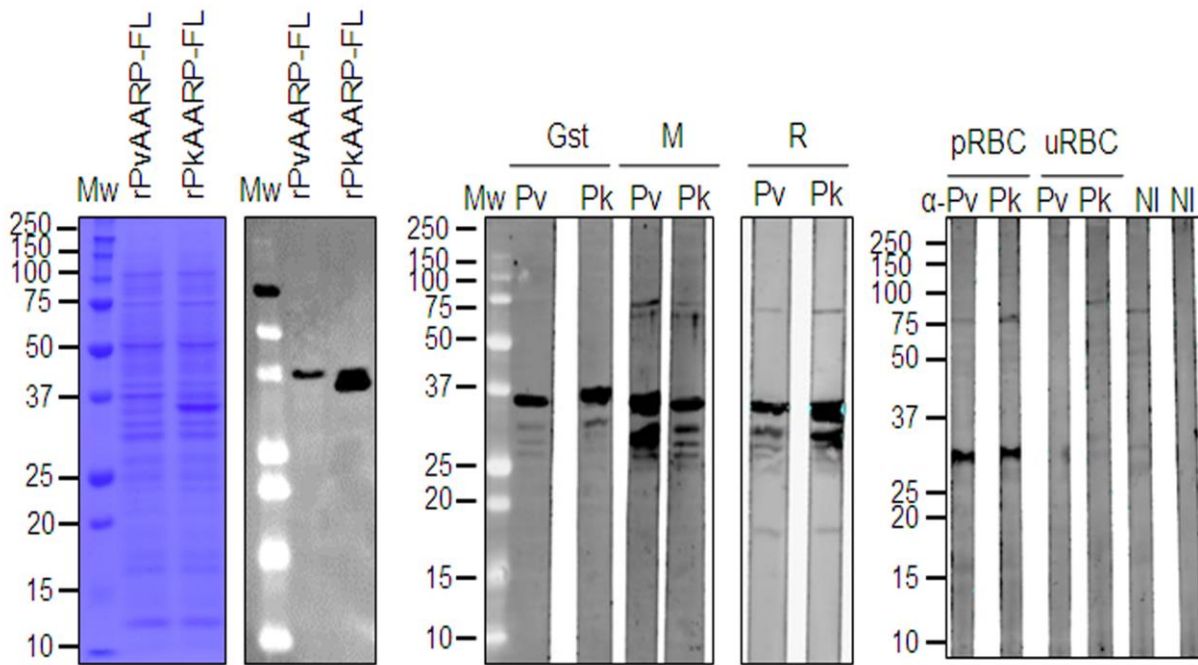
Fauzi Muh¹, Md Atique Ahmed¹, Jin-Hee Han¹, Myat Htut Nyunt^{1,2}, Seong-Kyun Lee¹, Yee Ling Lau³, Osamu Kaneko⁴, Eun-Taek Han^{1,*}

Supplementary Fig. 1



Supplementary Fig. S1 Immunofluorescence (A) and invasion inhibition activity of anti-PvAARP-N in *P. knowlesi* H strain into monkey erythrocytes (B). Significant different *, p value < 0.05; **, p value < 0.01; ***, p value < 0.001 compared to anti-His-GST. DAPI, 4',6-diaminidino-2-phenylindole. Bars indicate 5 μ m.

Supplementary Fig. 2



Supplementary Fig. S2 Full length of SDS-PAGE and western blots analysis in Figure 2A-D. Pv, rPvAARP-N; Pk, rPkAARP-N, Gst, anti-GST antibody; M, mice antibody, R, rabbit antibody; NI, non-immunized antibody; pRBC, parasitized-red blood cells; uRBC, uninfected-red blood cells.