



Figure S1. Immune response of primed mice to oral immunization with whole-cell algae. Mice were injected with Cr.Pfs25 using Alhydrogel followed by two 15-mg doses of JAG101 or $\Delta psbA$ *C. reinhardtii* on days 23, 24, 25, 53, 54, and 55. Serum IgG antibodies for Pfs25 were detected by ELISA. Error bars indicate the standard error of the mean. Arrows indicate oral vaccination.