



Figure S4. Vaccination promotes a robust *Brucella*-specific IgG response. Blood samples were obtained from the lateral saphenous vein at 0,4-,12-,14-, and 16-weeks post-vaccination. At mid-gestation and 12-weeks post-vaccination, pregnant guinea pigs were challenged (arrow) with 1×10^7 CFU *B. melitensis* IT. iELISA was used to evaluate the IgG response to vaccination. Statistical significance was determined by ANOVA followed by Tukey's multiple comparisons. a- 16M Δ vjbR; b- S19; c- PBS+ Quil-A. ****, $P < 0.0001$.