



**FIG S4** Crp-HA production in pCD1<sup>+</sup> strains of *Y. pestis*. Wild-type pCD1<sup>+</sup> *Y. pestis*, the  $\Delta hfq$  and  $\Delta crp$  strains of *Y. pestis* carrying the constitutively expressed  $P_{tetO-crp}$ -HA construct, or the equivalent mutants carrying the chromosomal-integrated Tn7 vector only were cultured for 6 h at 37°C in the presence of 2.5 mM  $CaCl_2$  and cell lysates were analyzed by immunoblot for the HA-tag (top panel) or RpoA (as a loading control, bottom panel).