



Supplemental figure 1. Comparison of the immunogenicity of dsc₁₄CfaE-sCTA2/LTB and dsc₁₉CfaE-CTA2/LTB chimera proteins. BALB/c mice (10/group) were immunized IN on days 0, 14 and 28 with 21 μ g dsc₁₄CfaE-sCTA2/LTB, 21 μ g dsc₁₉CfaE-CTA2/LTB, or 8 μ g dsc₁₉CfaE \pm 12 μ g LTB. **(A, B)** Anti-CfaE IgG and IgA serum antibody responses; **(C, D)** Anti-LTB IgG and IgA antibody responses. ELISA results (A-D) are presented as mean \log_{10} titers \pm SD in serum taken two weeks after the third dose (day 42). **(E)** Functional antibody titers by HAI (median \pm interquartile range). Horizontal dotted lines denote the limit of detection for the assays. Statistical significance between two chimera groups was determined by using *t*-test and significant differences are indicated on the graph.