



Fig. S2. RBD/Spike mi3/KLH neutralizations for individual rats. Four female Sprague Dawley rats for each group were inoculated with either RBD-Spytag or S-protein-Spytag conjugated to either Spycatcher-mi3 particles by isopeptide bond formation, or KLH by EDC. Sera were harvested at day 45 and each serum was compared for its ability to neutralize S-protein-pseudotyped retroviruses (SARS2-PV), by measuring the activity of a firefly-luciferase reporter expressed by these pseudoviruses. **(A)** RBD conjugated to mi3 vs. KLH. **(B)** S-protein conjugated to mi3 vs. KLH. **(C)** mi3 conjugates of RBD vs S-protein. **(D)** KLH conjugates of RBD vs S-protein.