

Online Supplementary Material

Humoral Immunity in Dually Vaccinated SARS-CoV-2 Naïve Individuals and in Booster-Vaccinated COVID-19 Convalescent Subjects

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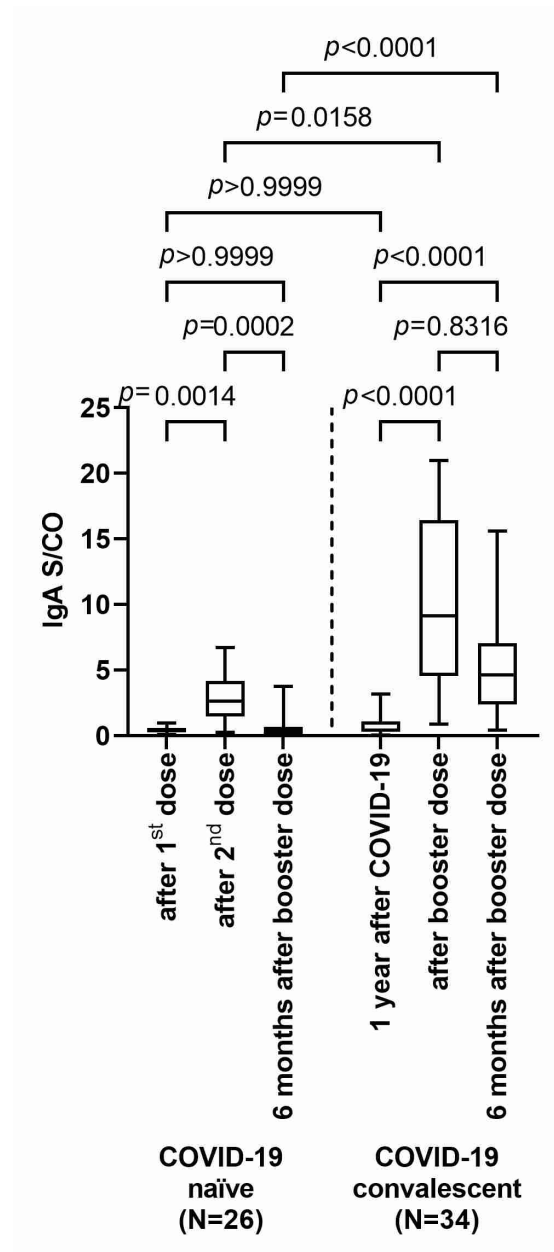


Fig. S1: Anti-spike protein receptor-binding domain (RBD) IgA antibody reactivities (S/CO=signal/cutoff) at different time points relative to vaccinations and booster doses in COVID-19 naïve individuals and COVID-19 convalescent subjects (Kruskal-Wallis-Test with Dunn's multiple comparison post test).

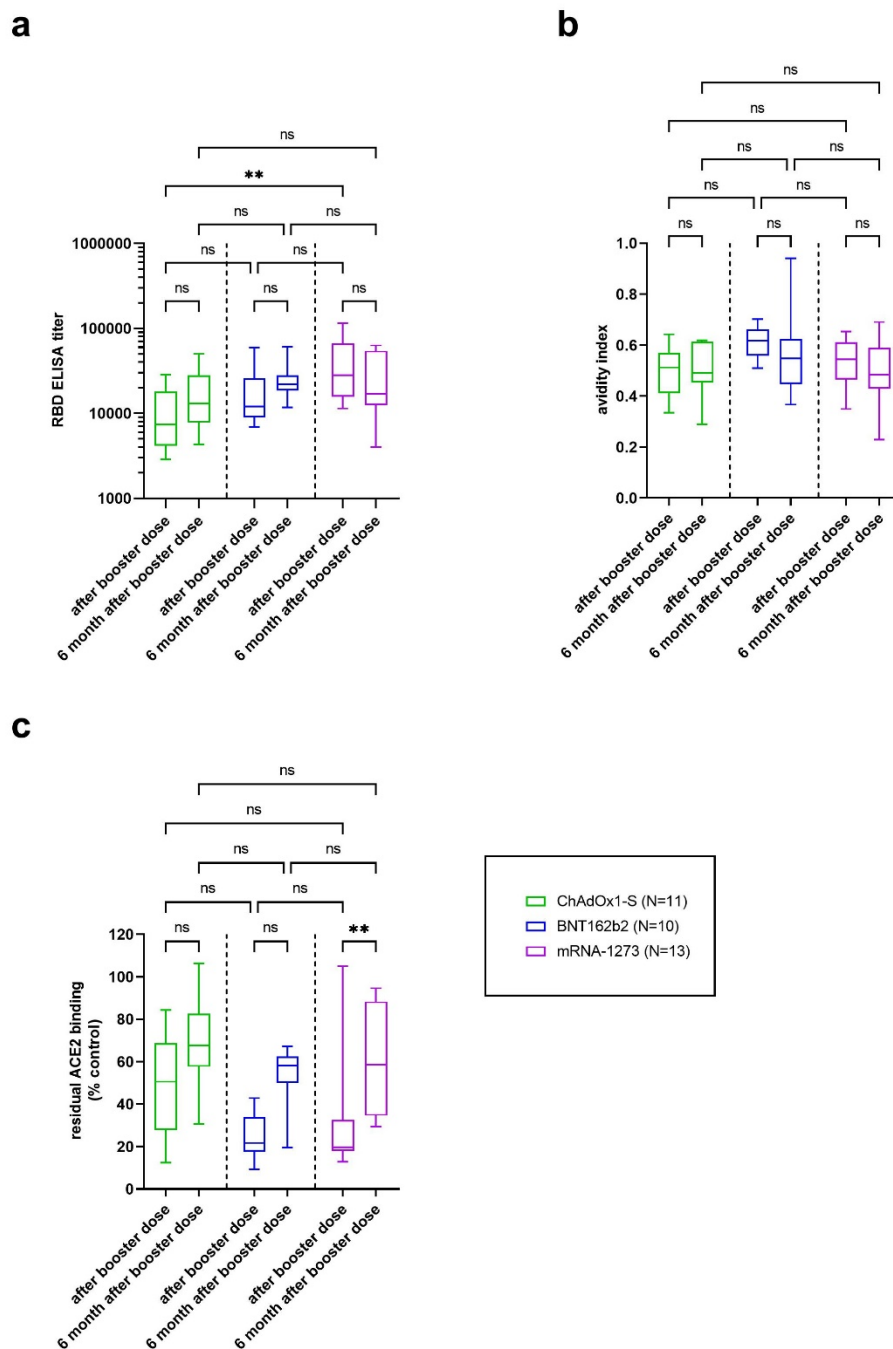


Fig. S2: Anti-spike protein receptor-binding domain (RBD) antibody titers (a), serum avidity index (b), and residual ACE-2 binding (c) at various time points relative to vaccinations and booster doses in COVID-19 naïve individuals and COVID-19 convalescents, stratified according to type of vaccine (Kruskal-Wallis-Test with Dunn's multiple comparison post test, p -value style: 0.1234 (ns), 0.0332 (*), 0.0021 (**), 0.0002 (***), <0.0001 (****)).

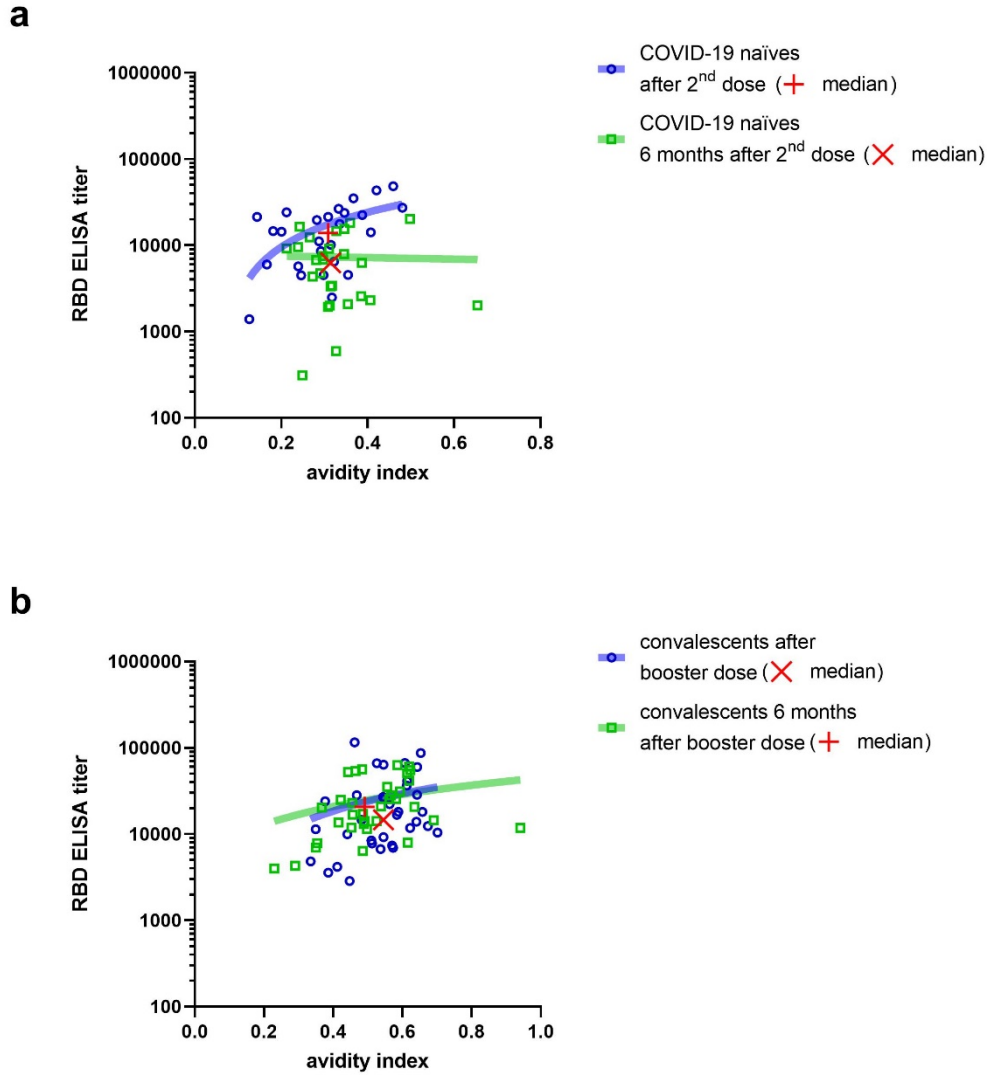


Fig. S3: Correlation between anti-spike protein receptor-binding domain (RBD) antibody titers and serum avidity index at various time points relative to vaccinations and booster doses in COVID-19 naïve individuals (a) and COVID-19 convalescents (b). Associated Pearson r /Spearman's ρ values (and their corresponding two-tailed p -values) are 0.5469/0.4940 (0.0038/0.0103) for COVID-19-naïves after the 2nd vaccine dose, -0.02277/-0.1029 (0.9121/0.6169) for COVID-19-naïves 6 months after the 2nd vaccine dose, 0.2003/0.3711 (0.2560/0.0307) for COVID-19 convalescents after the booster dose, and 0.2857/0.4203 (0.1014/0.0133) for COVID-19 convalescents 6 months after the booster dose.