



Supplementary Figure 1. Explorative H3N2-HA mRNA/non-LNP vaccine does not induce humoral responses in NHPs. The NHPs shown in Figure 4D ($n = 2m, 2f$ per group), which have been initially vaccinated with $10 \mu\text{g}$ H1N1-HA mRNA/LNP, were vaccinated i.m. with $100 \mu\text{g}$ of an explorative H3N2-HA mRNA/non-LNP vaccine as indicated in Figure 4D. H3N2-HI titers were measured before and after prime vaccination with the H3N2-HA mRNA/non-LNP formulation. Values from individual animals (dots) are reported for each group. Dashed line indicates the conventionally defined protective titer of 1:40 for HI.