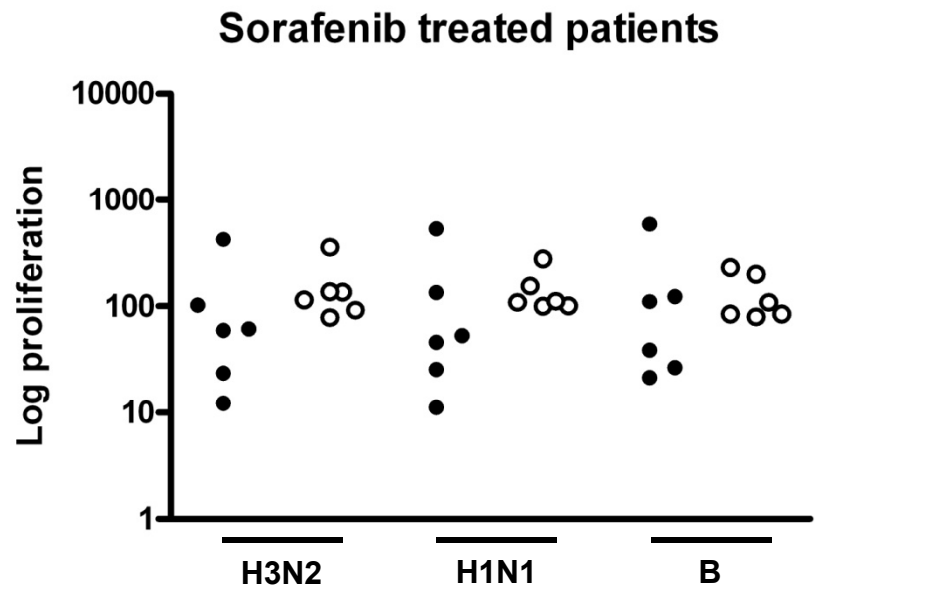
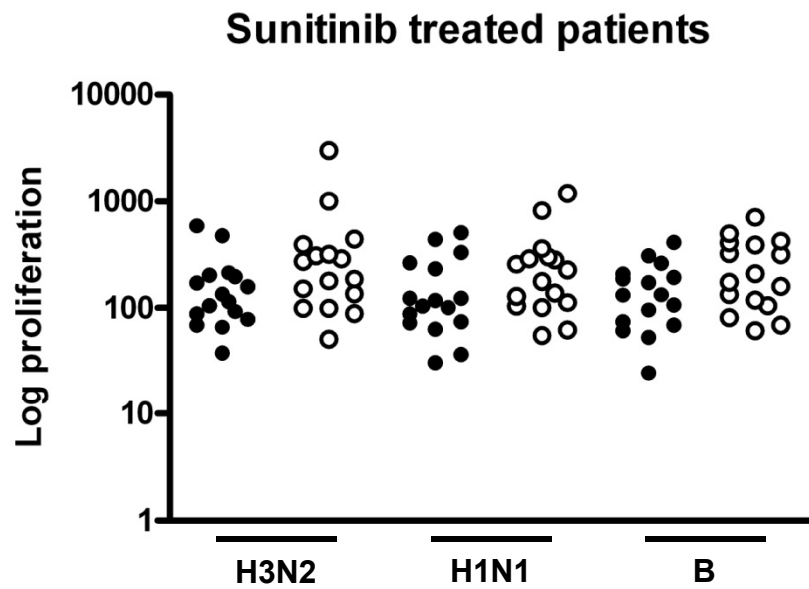
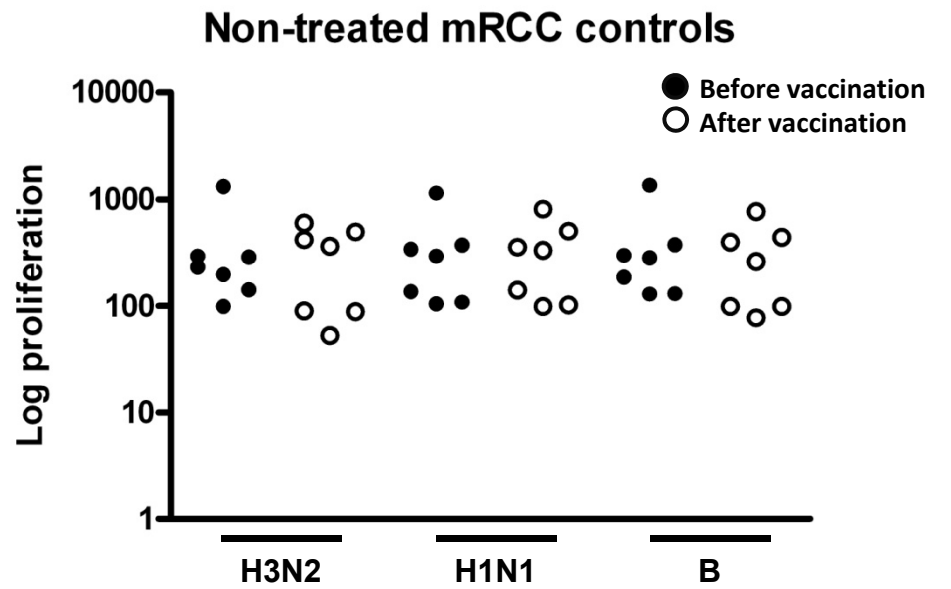
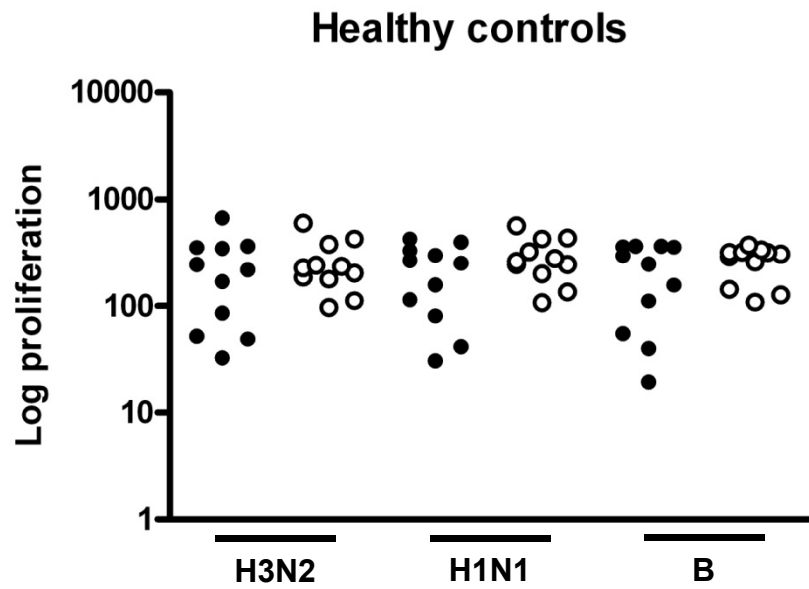
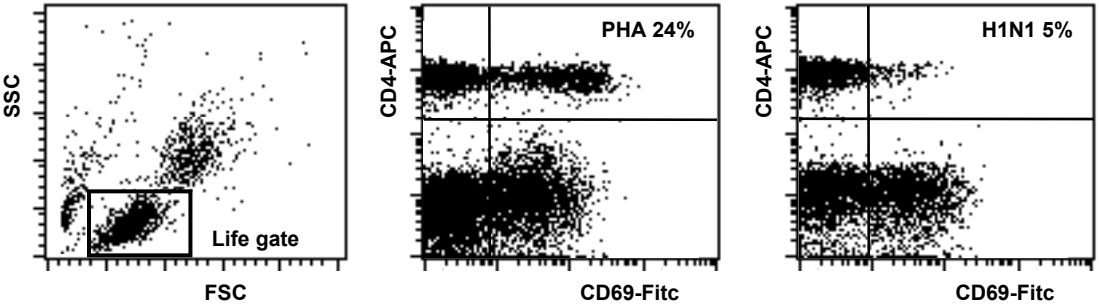


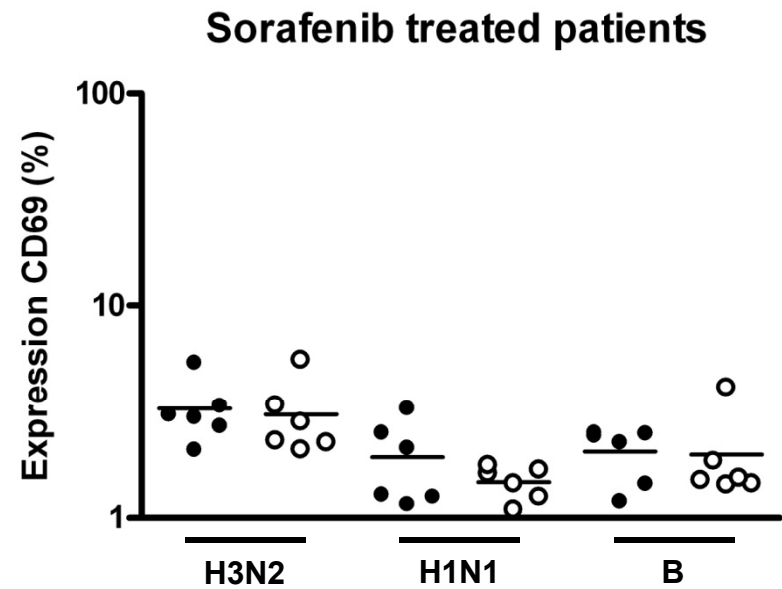
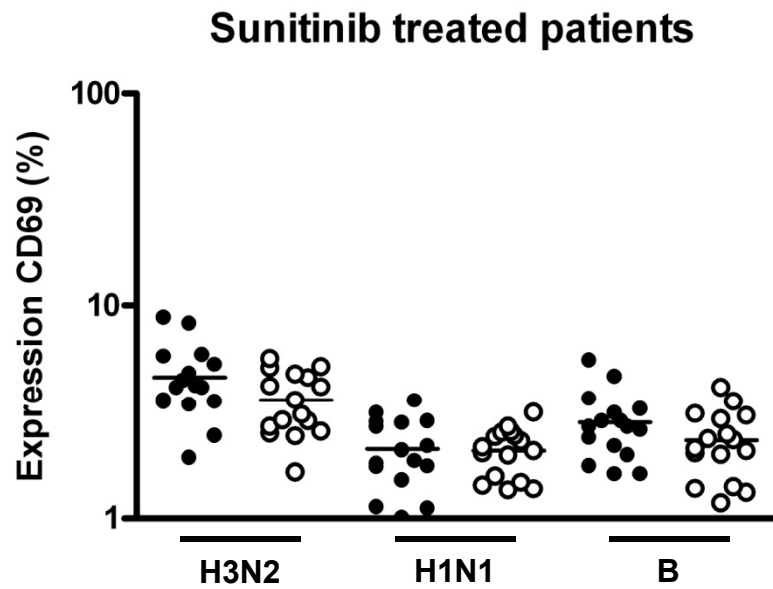
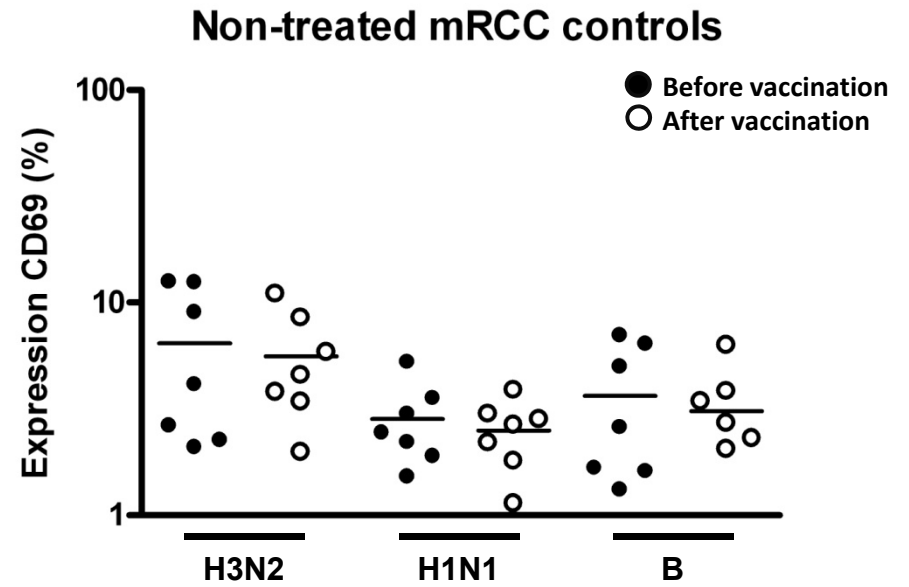
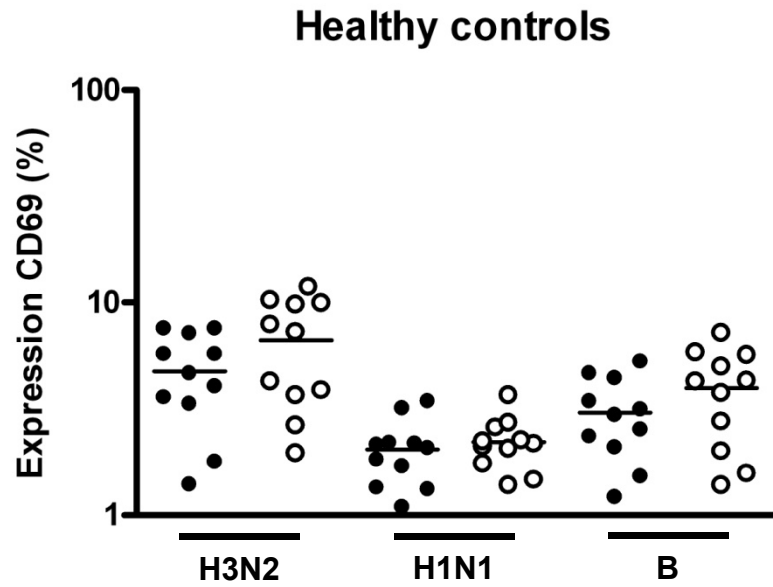
Supplementary data Figure 1. Cellular proliferation



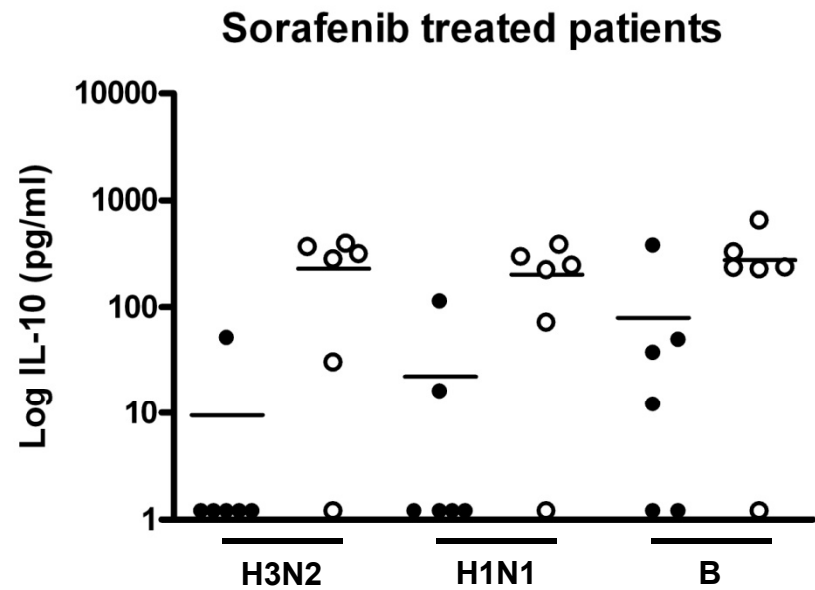
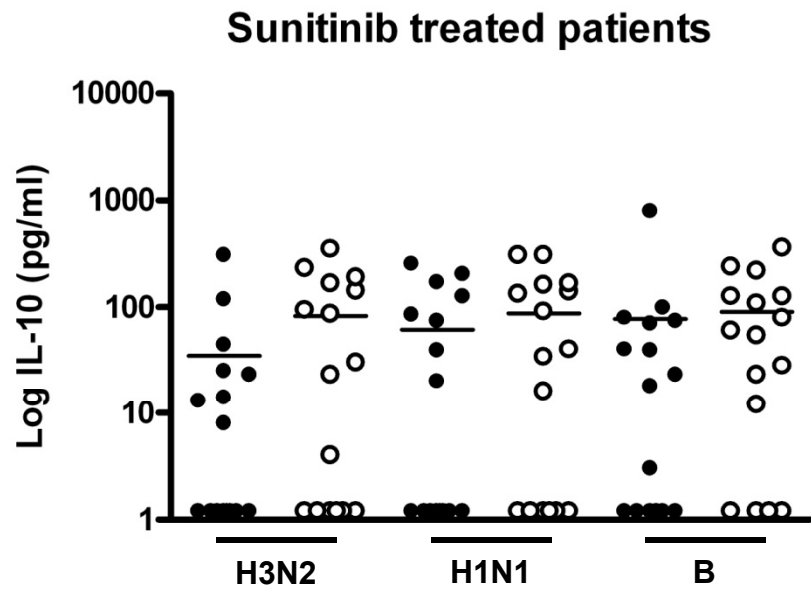
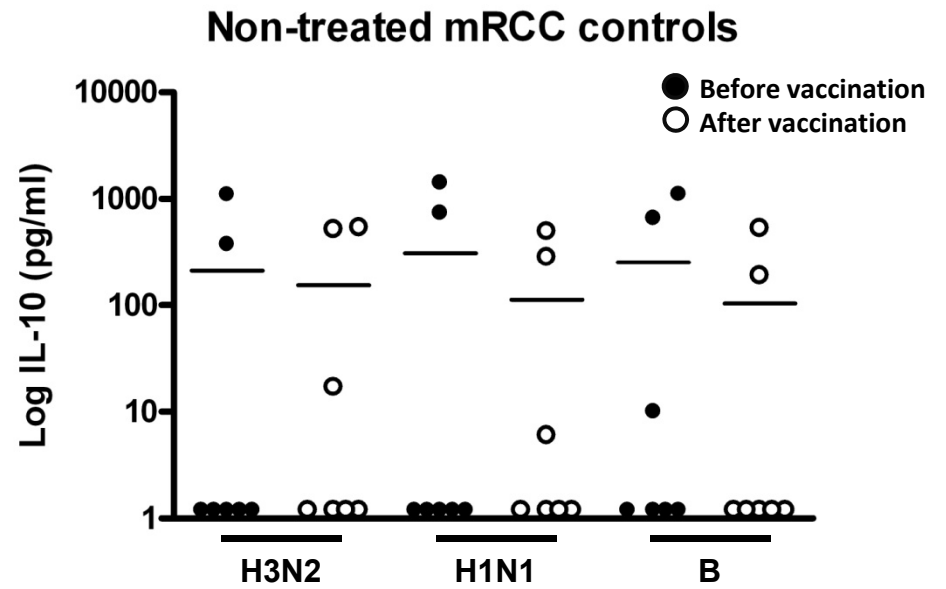
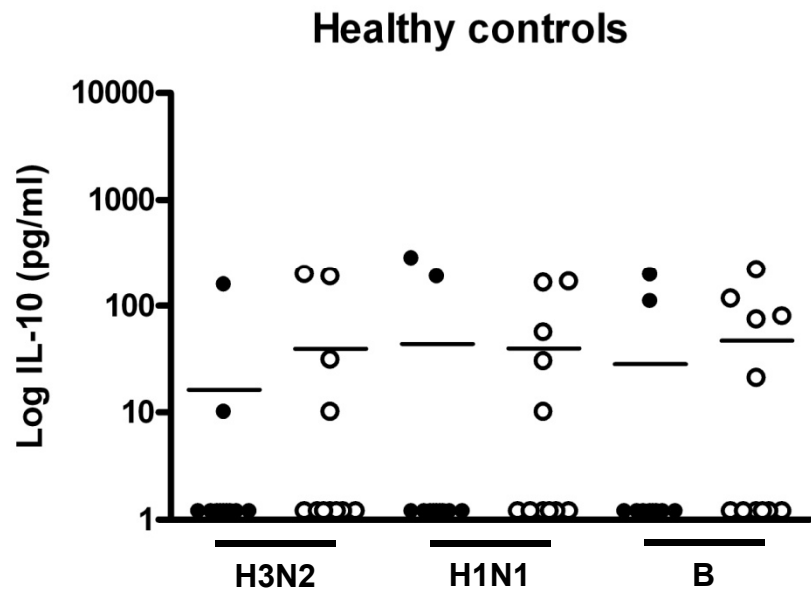
Supplementary data Figure 2a. CD69 expression on CD4+ cells



Supplementary data Figure 2b. CD69 expression on CD4+ cells



Supplementary data Figure 3. IL-10 secretion



Supplementary Figure S1.

Proliferation of virus-stimulated PBMC cultures shown for all three vaccine strains before (closed circles) and 1 week after vaccination (open circles).

Supplementary Figure S2.

a) Flow cytometry data of one representative patient showing the percentage of CD4+ cells expressing CD69 after PBMC stimulation with PHA (positive control) and H1N1.

b) CD69 expression on CD4+ cells derived from virus-stimulated PBMC cultures shown for all three vaccine strains before (closed circles) and 1 week after vaccination (open circles).

Mean percentage of CD4+ cells that express CD69 is indicated by horizontal lines.

Supplementary Figure S3.

IL-10 secretion in supernatants of virus-stimulated PBMC cultures shown for all three vaccine strains before (closed circles) and 1 week after vaccination (open circles). Mean IL-10 secretion is indicated by horizontal lines.