

Supplemental Figure S2. Survival of chickens post-hatch after inoculation of commercial eggs at 18 days of embryonation with experimental in ovo NDV vaccines and controls.

Hy-Line Rockside W-36 eggs were inoculated with recombinant viruses and LaSota. Three control groups were inoculated with BHI or rHVT-ND vaccine, or not inoculated (Hatch control group). Birds were monitored for 13 days post-hatch. Different superscript letters indicate statistically significant differences between groups (p value <0.05). Group abbreviations: HATCH – eggs not inoculated; BHI – eggs inoculated with BHI; rHVT-ND – eggs inoculated with recombinant HVT vaccine; ZJ1\*L – eggs inoculated with the recombinant ZJ1\*L virus whose cleavage site was modified to be of low virulence; ZJ1\*L-IL4R – eggs inoculated with the recombinant low virulent ZJ1\*L with the interleukin-4 gene inserted in reverse orientation; LS – eggs inoculated with the LaSota strain; LS-IL4R – eggs inoculated with the recombinant LaSota virus with the interleukin-4 gene inserted in reverse orientation. The virus dose that the eggs in each group received is represented as a number after the group name in EID50/per egg.

