

SUPPLEMENTARY INFORMATION

Oligomerization of bacterially expressed H1N1 recombinant hemagglutinin contributes to protection against viral challenge

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Supplementary Figure S1. Detection of H1N1 recombinant HA1 oligomers. Uncropped immunoblots of histidine-tagged recombinant HA1 proteins under denaturing and non-denaturing conditions and subsequent detection with an anti-His antibody. **(A)** Analysis of rHA1₁₋₃₂₆ (100 ng) under native conditions in elution buffer and without refolding buffer (U), and also after buffer exchange in refolding buffer (F). **(B)** Electrophoretic mobility of rHA1₁₋₃₂₆ (100 ng) with a predicted MW of 38.6 kDa under denaturing conditions (U). **(C)** Analysis of rHA1₅₃₋₂₆₉ (40 ng) with a predicted MW of 27.3 kDa under denaturing conditions (lane labeled “4_s”), and **(D)** under native conditions after buffer exchange in refolding buffer. L = Ladder or Molecular weight size markers in kDa and are shown to the left of the denaturing gel blots in panels B and C, F = Folded in refolding buffer, U = Untreated and eluted without refolding buffer.

