Number of samples containing each variant – diet specific Index Contact H9N2_PB2 -H9N2_PB1 · H9N2_PA Lean H9N2_HA size H9N2_NP -2 H9N2_NA -Segment H9N2_NS transmission H9N2_PB2 -H9N2_PB1 · 2 H9N2_PA -3 Obese H9N2_HA -H9N2_NP -H9N2_NA H9N2_NS -2000 -500 1000 1500 1000 1500 2000 500 Nucleotide position