



**Figure 3 - figure supplement 4. Linear regression of tree distances determined by Clustering Information Distances (CID).** Mean CID values of replicate trees from H3N2 viruses from 1995-2004 were plotted against those from H3N2 viruses from 2005-2014. The line of best fit was determined by linear regression (solid line). The  $R^2$  and  $P$ -value are indicated. Error bars indicate the SEM of all replicates.