S1 Fig. Distance dependence of spurious reassortment counts in non reassorting sequence. (a) Histograms of the number of events found in a HA tree as a function of $\delta$, for sequences of total length $L$. Error bars represent the standard deviation obtained from 5 different random choices of the sites for each $\delta$. (b) The decay exponent $\gamma$ is shown as a function of $L$ (cf. Materials and Methods, equation 6). The inferred values are stable for large values of $L$, allowing extrapolation to $L = L_{HA} + L_{NA}$. 