



Supplementary Figure S1. Histogram matrix of calculated residence times for each of 28 pairs of 8 samples. The distribution of residence times are colored by sample; for each box in the matrix, the pink histogram is of the sample indicated in the column heading (in pink) and the purple histogram is of the sample indicated in row heading (in purple). The overlap between the residence times of samples (visually depicted as the overlap of histograms) is quantified by our calculation of the 95% confidence interval of the difference between the residence times of two samples in a pair (see Figure 11).