## SUPPLEMENTARY DATA:



Figure 1. Log-log scatterplot of LocARNA runtimes (x-axis) versus obtained speedup of ExpLoc with $\gamma=10$.


Figure 2. Distribution of obtained speedup for ExpLoc on log-scale on Bralibase 2.1 k 2 dataset with $\gamma=10$ for different sequence identity values. For distribution computation, alignments were grouped according to their sequence identity in intervals of width 5 .

