



Supplementary figure 1: Accuracy comparison with MAQ: mapping accuracies of MAQ, RMAPM and RMAPQ. Three different read lengths were used {25bp, 30bp, 36bp}. Default parameter setting is used for MAQ. Two mismatches are allowed for RMAPM and RMAPQ, and quality score cutoff for RMAPQ is 4. Mapping accuracy = (coverage + selectivity)/2 (see main text).