

Figure S5. Systematic analysis of MC k-order

(A-B) Accuracies of RPDs across different k-orders. The optimal k-order (dotted box) was set as the k at which the specificity was maximized for HeLa (A) and mES cells (B). (C-D) Accuracies (F-scores and sensitivity) of RPDs by kMCs and k-nearest majority voting across different k values (from 1 to 10) for the antisense-overlapping loci in HeLa (C) and mES cells (D). F-score was calculated by the formula,  $2 \times \frac{(Sensitivity \times Specificity)}{(Sensitivity + Specificity)}$ .