



Supplemental Figure S2. Reproducibility of multiple barcodes distribution across expression bins. The distribution of deep sequencing reads among 16 expression bins is presented for 10 individual barcodes of nine different core promoters. The designed oligos share the exact sequence of 153nt core promoter region with a unique 11nt barcode at the 5' end. Each individual barcode was subjected to the entire process of synthesis, cloning, genomic integration, sorting and sequencing separately and serves as independent biological replicate.