



Supplemental Figure S3. Transcriptional elongation profiles of broad H3K4me3 domain-associated genes. **A)** Distribution of gene expression of broad H3K4me3 domain-associated genes and three sets of sharp-associated genes in Jurkat cells. **B)** Average profiles of the indicated ChIP-seq signal at broad H3K4me3 domain- and sharp-associated genes in Jurkat cells. **C)** Distribution of POLR2A pausing index at broad H3K4me3 domain- and sharp-associated genes in Jurkat cells. **D)** Box plots displaying the fold change of H3K4me3 signal (left panel) and gene expression (right panel) after treatment of Jurkat cells with either EPZ-5676 or THZ1 inhibitors, respectively. Significance in A was assessed by Kolmogorov-Smirnoff. Significance in C and D was assessed by one-sided Wilcoxon rank-sum test. **** $P < 0.0001$, ** $P < 0.01$.