

## DESCRIPTION OF ADDITIONAL SUPPLEMENTARY FILES

**Supplementary Data 1.** Functional enrichment analysis of ATAC-seq. Enrichment defined by Metascape using hypergeometric test and Benjamini-Hochberg P value correction algorithm.

**Supplementary Data 2.** Functional enrichment analysis of H3K27ac. Enrichment defined by Metascape using hypergeometric test and Benjamini-Hochberg P value correction algorithm.

**Supplementary Data 3.** Functional enrichment analysis of RNA-seq. Enrichment defined by Metascape using hypergeometric test and Benjamini-Hochberg P value correction algorithm.

**Supplementary Data 4.** Functional enrichment analysis of CDK9-dependent gene expression. Enrichment defined by Metascape using hypergeometric test and Benjamini-Hochberg P value correction algorithm.

**Supplementary Data 5.** STR profiling of cell culture models.