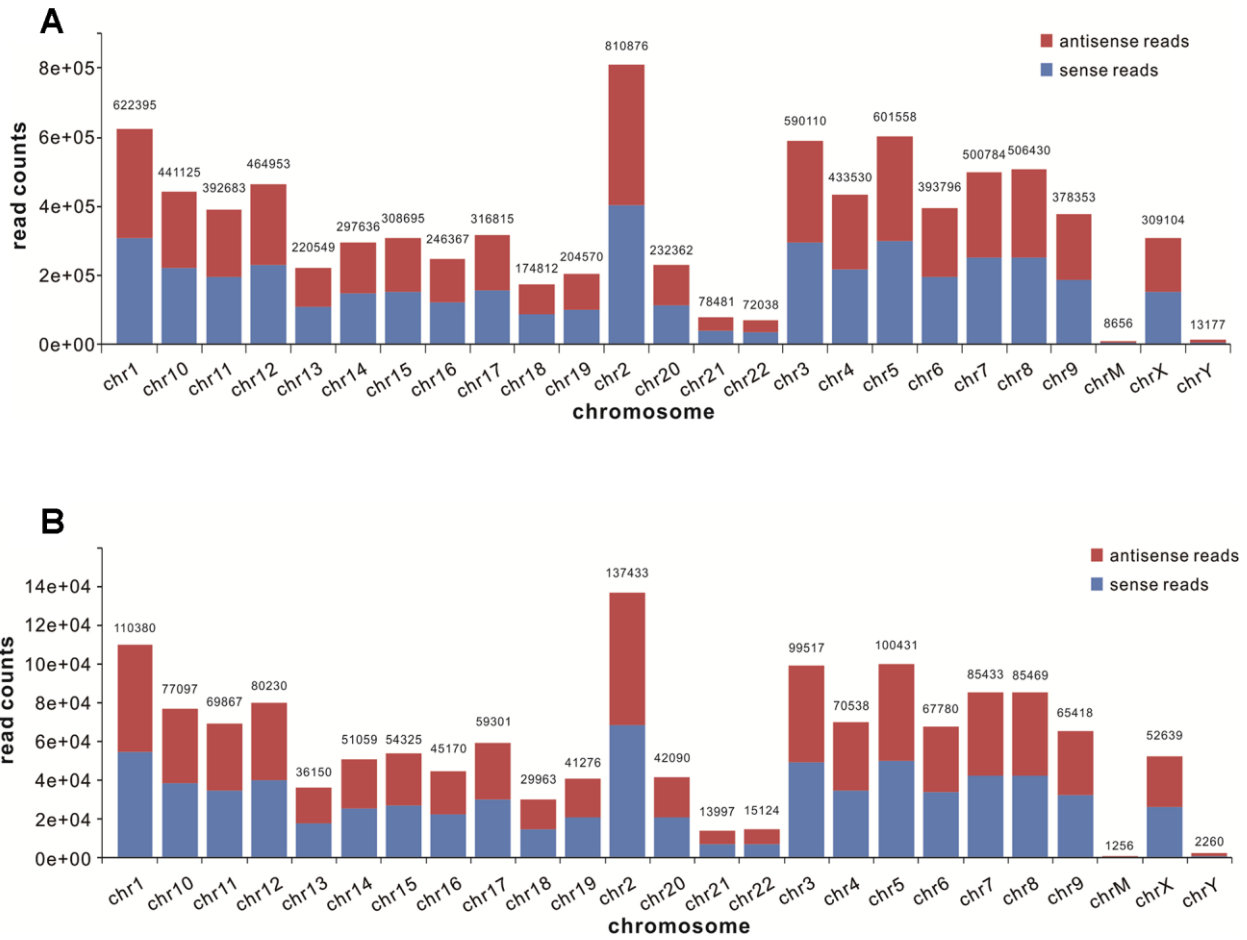
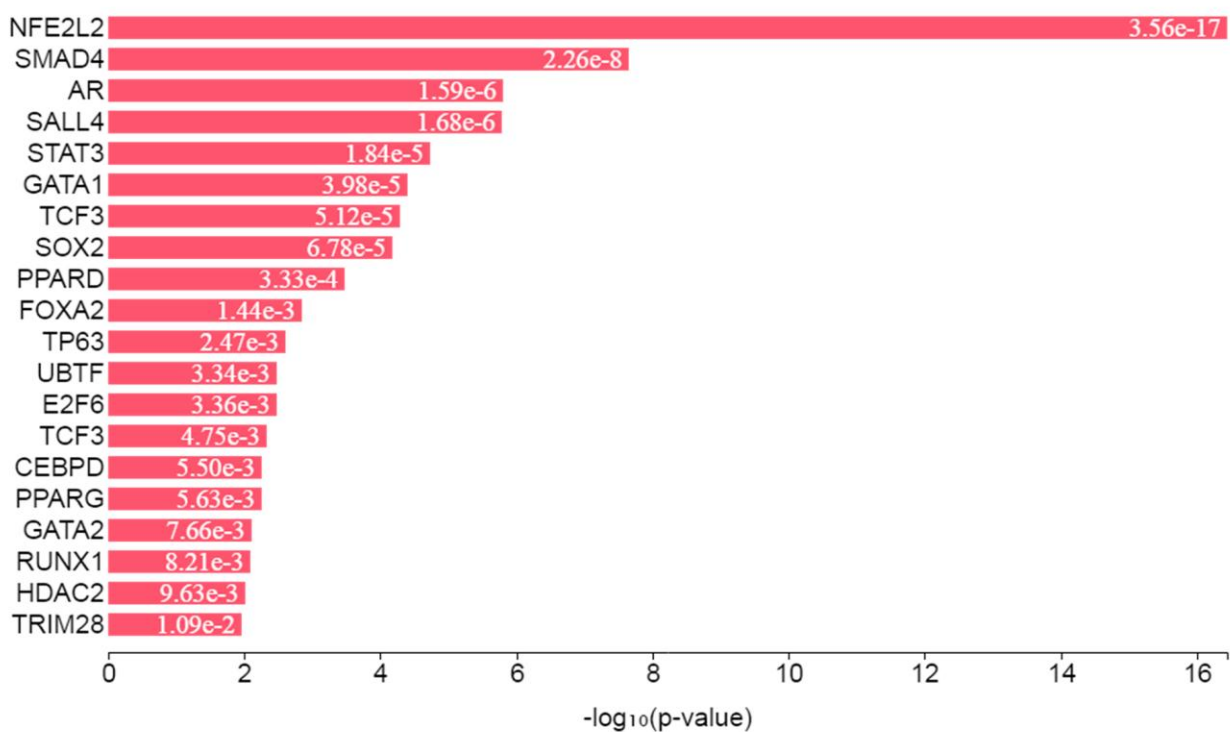
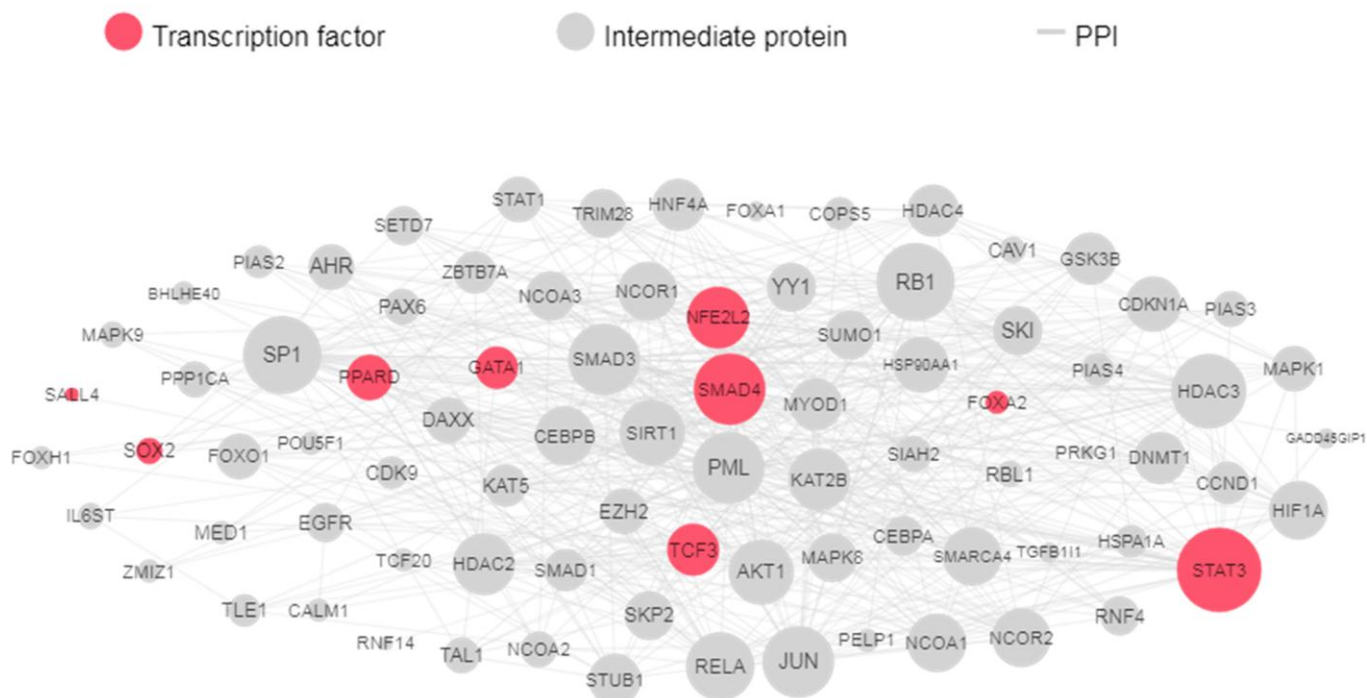
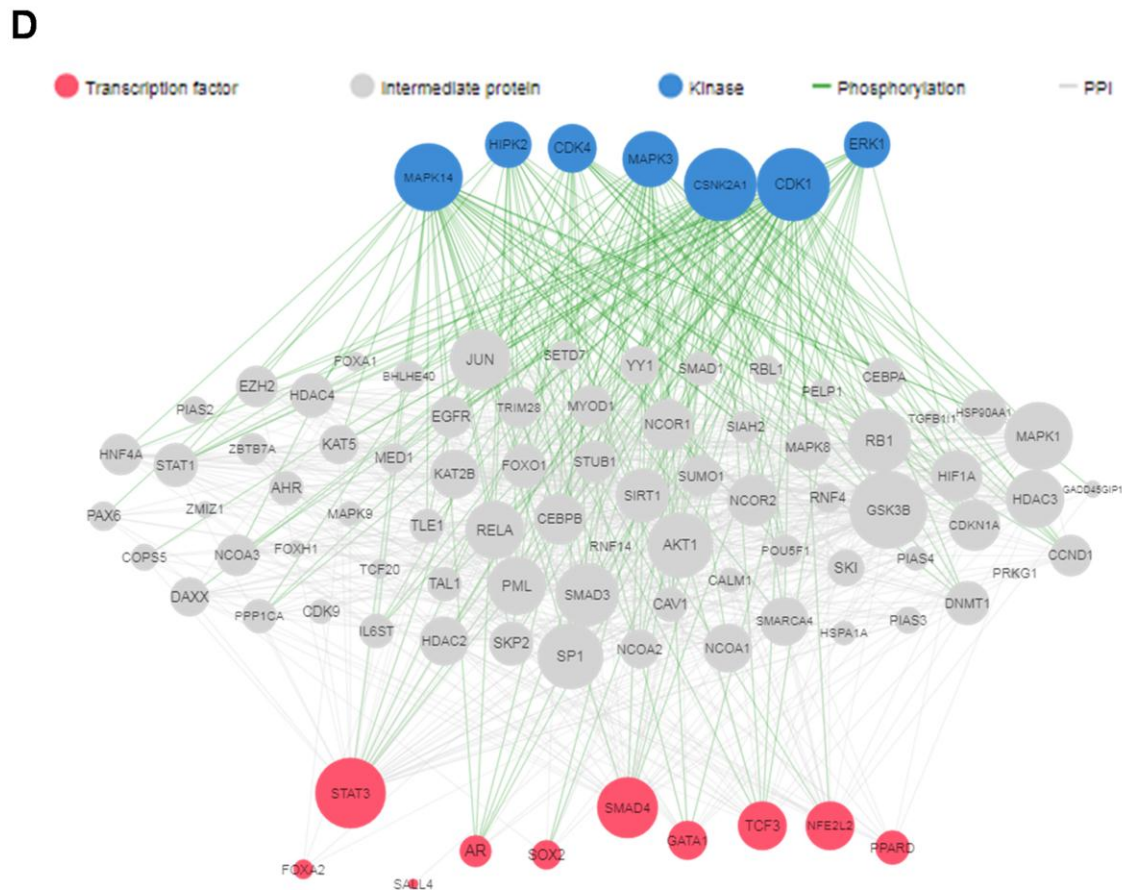
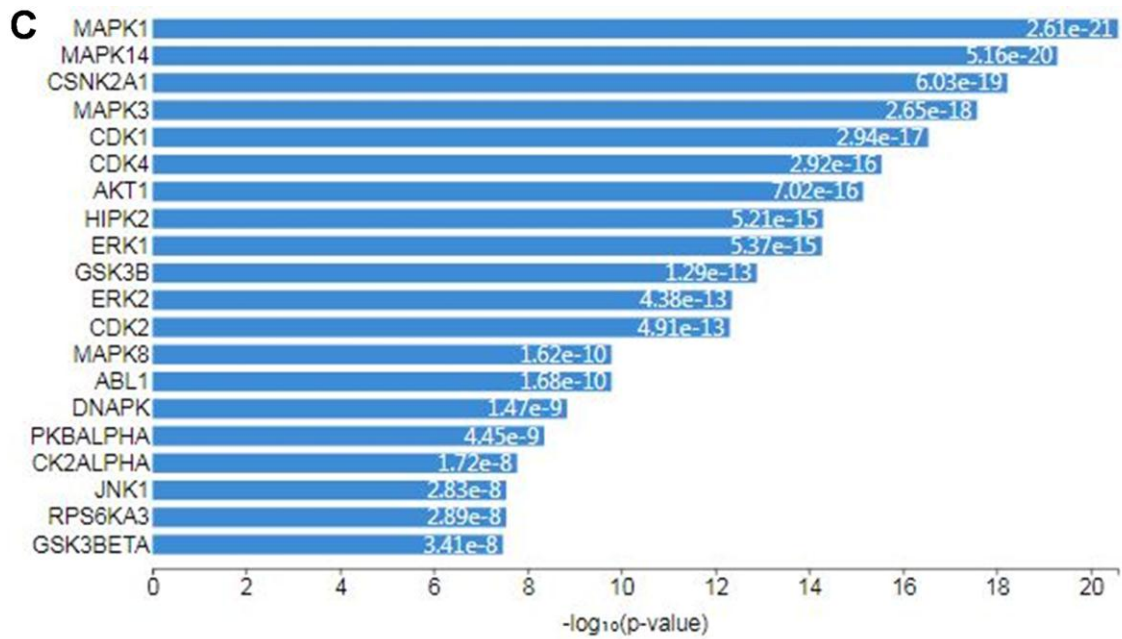


SUPPLEMENTARY FIGURES

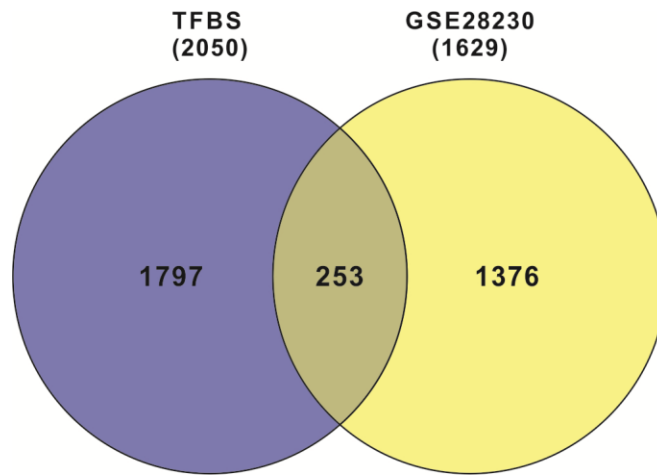


Supplementary Figure 1. Sequence alignment of ChIPed DNA A, Bar chart of the total number of aligned tags against the human genome (hg 19) for control (A) and input DNA (B).

A**B**



Supplementary Figure 2. eXpression2Kinases analysis of the NRF2 TFBS. (A) Bar graph of the transcription factor enrichment analysis results containing various transcription factors associated with the NRF2 TFBS. NRF2 ranked the top transcription factor. **(B)** Protein-protein interaction sub-network showing the association of enriched transcription factors (red) with intermediate proteins (gray). **(C)** Bar graph of the kinase enrichment analysis results for the NRF2 TFBS. **(D)** Sub-network showing the association of all kinases at the top (blue), the intermediate proteins (gray) in the middle, and the transcription factors (red) below (green lines connecting kinase nodes to intermediate proteins represent the phosphorylated substrates).



Supplementary Figure 3. Venn diagram showing the overlapping genes of the NRF2 TFBS and downregulated genes in the NRF2-knockdown microarray (FC>1.25).