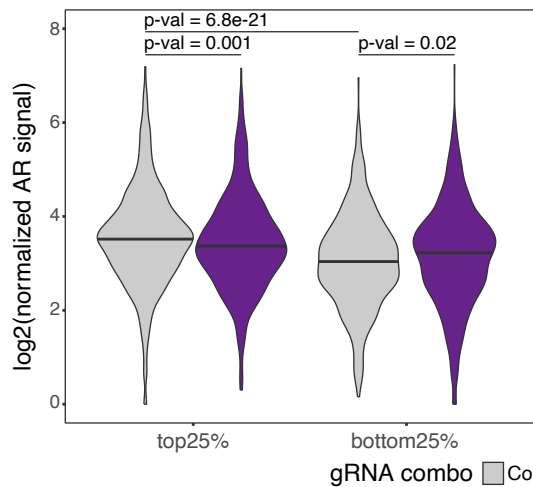
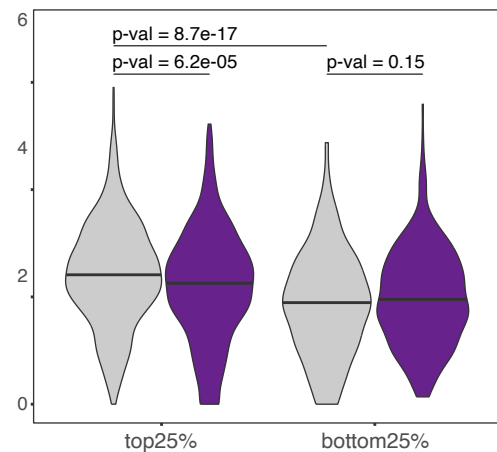


Supplementary Figure S7

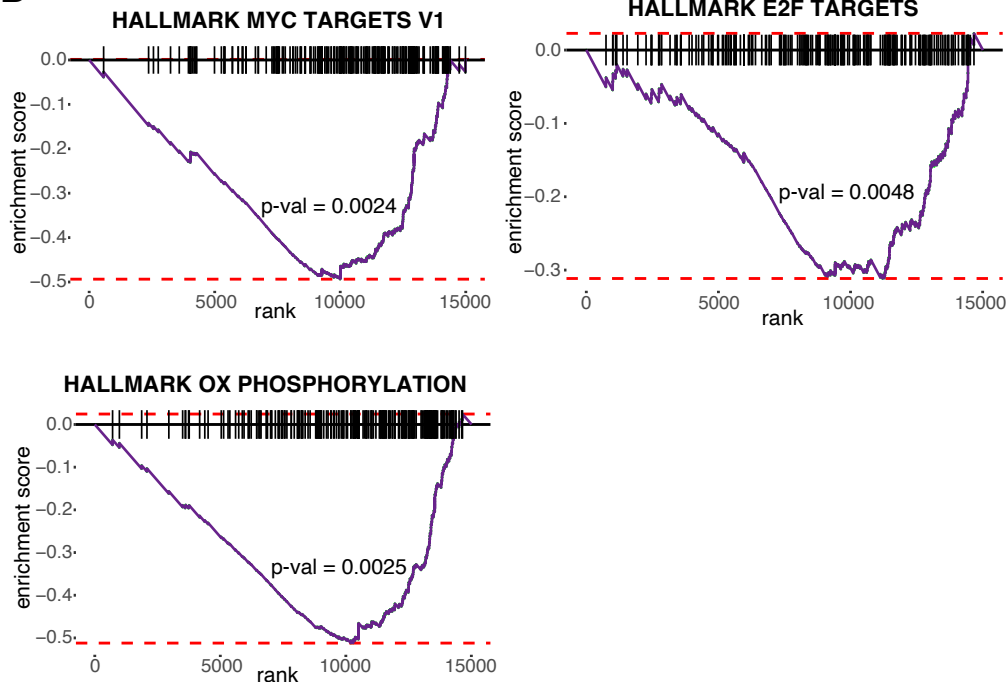
A



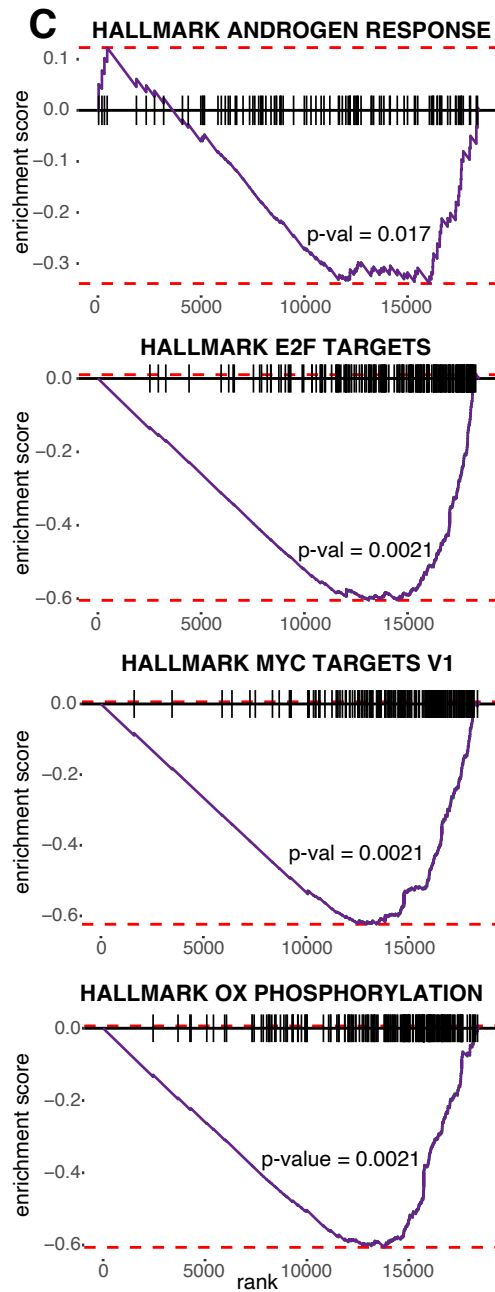
B



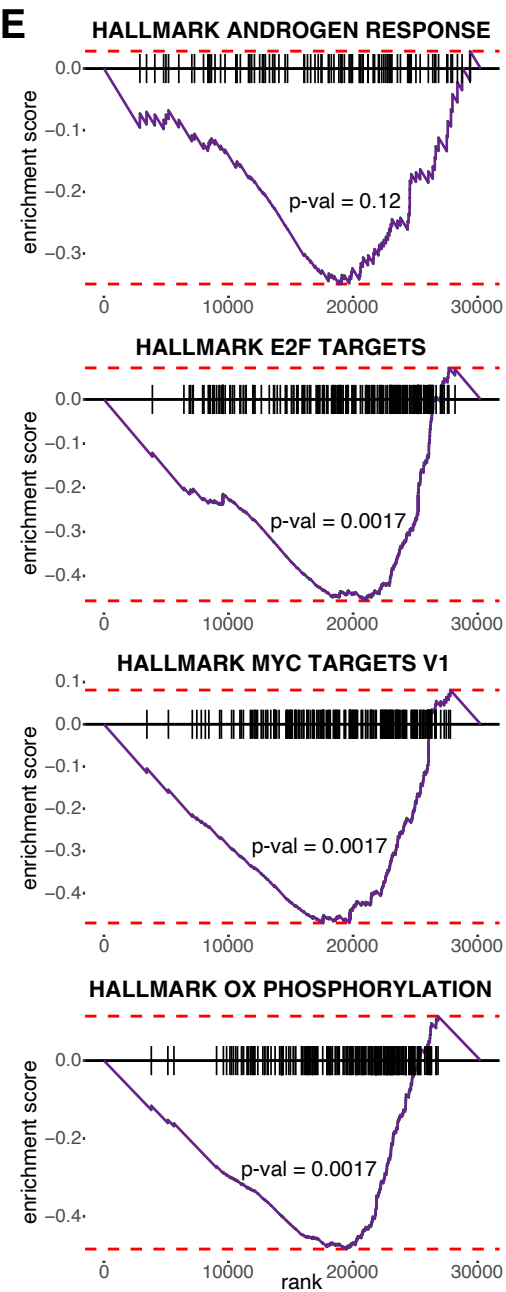
D



C



E



Supplementary Figure S7

A. and B. Violin plots showcasing the AR signal distribution in clone 1 (A) and clone 3 (B) dCas9-KRAB 22Rv1 cells nucleofected with Control (gray) or Tigger3a (purple) gRNAs combinations over Tigger3a elements with high dCas9-KRAB signal (top 25%). p-value results of wilcoxon test are showcased on the violin plot.

C., D. and E. Gene set enrichment analysis (GSEA)-enrichment plots showcasing significant depletion of Androgen response, E2F target, MYC targets V1 and Oxidative (OX) phosphorylation genes in clone 1 (C), clone 2 (D) and clone 3 (E) dCas9-KRAB cells nucleofected with Tigger3a gRNA combination compared to control combination. For clone 2 Androgen response pathway is shown in Figure 5H. p-values results of weighted Kolmogorov–Smirnov test are showcased on the plots.