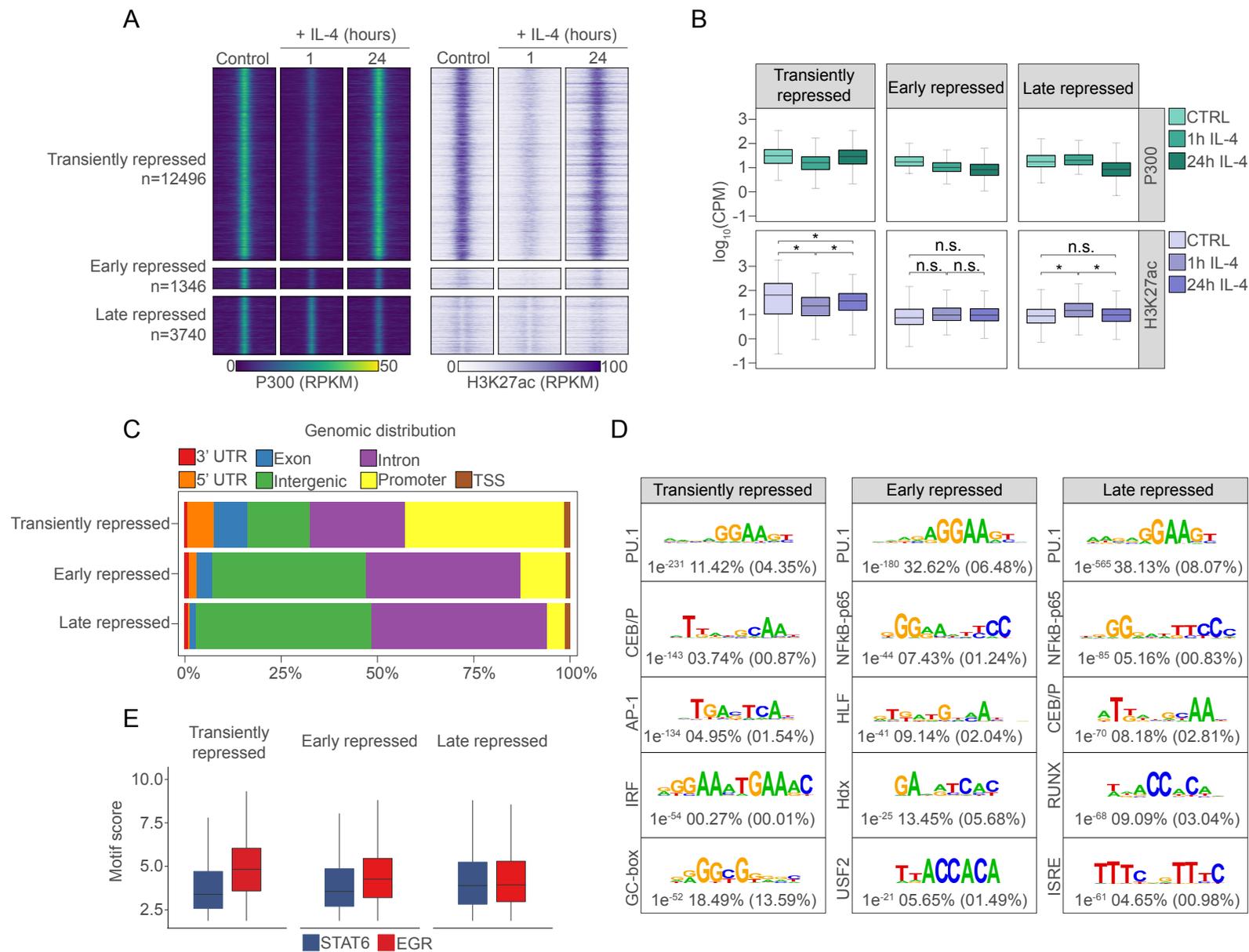


Supplemental Fig. S1



Supplemental Fig. S1. Regulatory elements with repressed genome activity patterns during alternative macrophage polarization. Related to Fig. 1.

A, Read distribution plot of P300 and H3K27ac ChIP-seq results in the three repressed genome activity pattern groups in control and IL-4 polarized macrophage for the indicated periods of time around the P300 summits in a 2kb window. Results are represented in RPKM (Reads Per Kilobase Million) values.

B, Average binding signal for P300 and H3K27ac are depicted on boxplots for the genomic regions showing repressed genome activity patterns. \log_{10} CPM (Counts Per Million) values are plotted. Significant changes are determined with Wilcoxon-test at $p < 0.05$.

C, Genomic distribution of the regulatory elements exhibiting repressed genome activity patterns.

D, Motif enrichment plots on the regulatory regions exhibiting different genome activity patterns. For each motif logo, p-value and percentage of genomic regions that contain the given motif in the target (P300-bound) and background genomic regions (in parenthesis) are shown.

E, Boxplot representation of STAT6 and EGR motif scores on the genome activity pattern groups are shown.