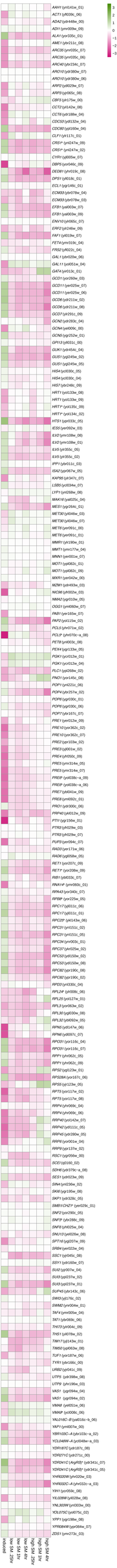

Supplementary File 1: Heatmap of all single mutants shows ISR log2 fold-change normalized to negative guide reference. Guides marked with a * reflect updated guide targets at divergent promoters that were misassigned in the original table.