Figure 6   Choi et. al.

A

SMARTA CD45.1[+]

1. WT
2. Bcl6[f/f]
3. Prdm1[f/f]
4. Bcl6[f/f]Prdm1[f/f]

recipient WT B6

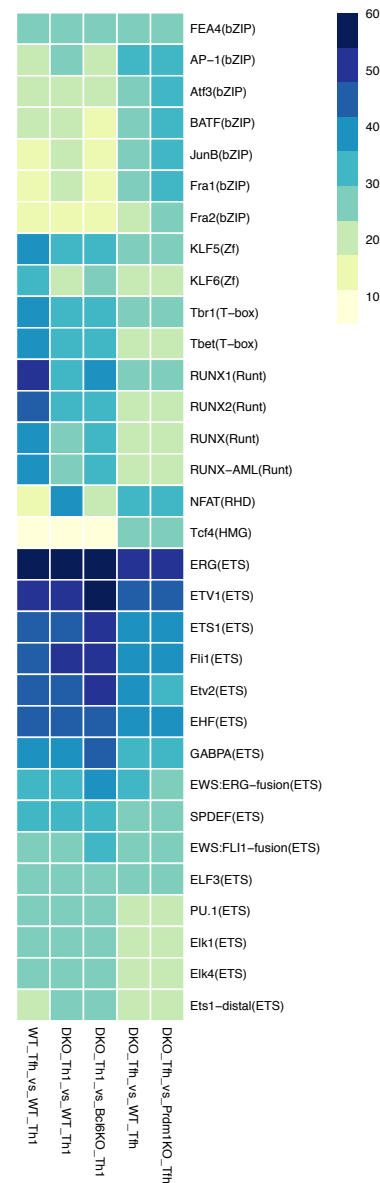cells   LCMV Armstrong   Sort → ATAC-Seq

d-1   d0   d7

B
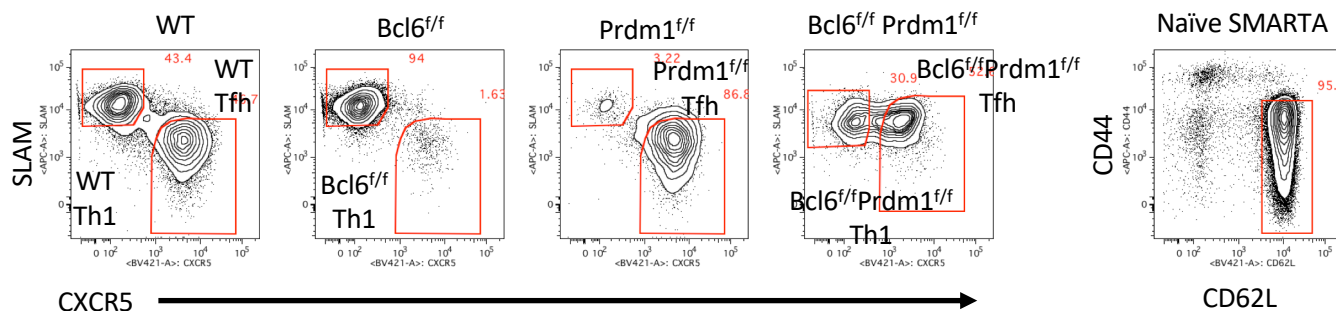
Jinyong will modify this

C
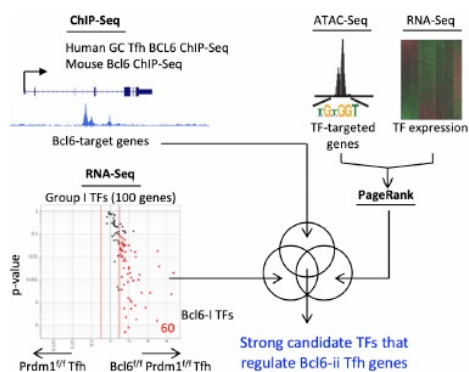
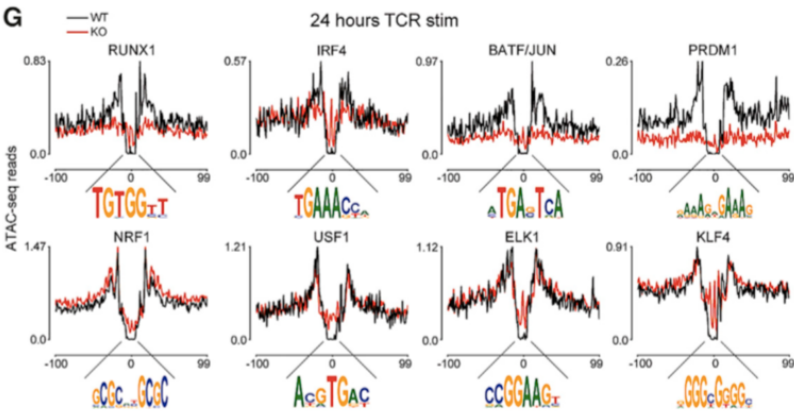

Open
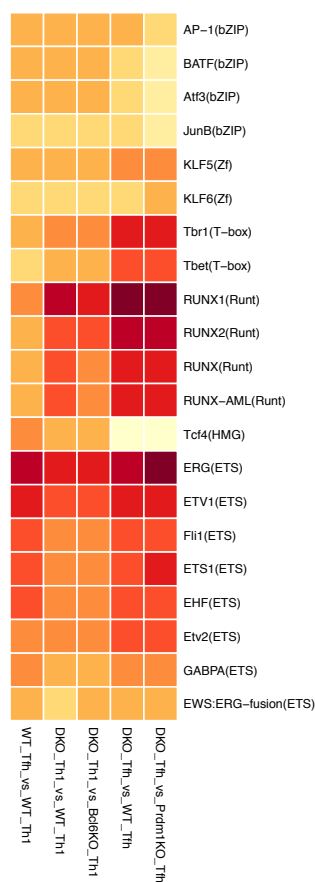
Closed

Huitian:
Can you please modify this with more curated version including Klf2, Gata3, and Maf.

Figure 6 cont   Choi et. al.

D Huitian:
Can you please generate this TF footprint analysis for Runx2, Runx3, Klf2, Gata3, and Maf.

TF footprint analysis:
WT Tfh vs. DKO Tfh

G   —WT   24 hours TCR stim
     —KO

E   Heatmap   Huitian:
Can you please generate this figure with curated version including Runx2, Runx3, Klf2, Gata3, and Maf.

Group I Genes   Group II Genes   Group III Genes   Group IV Genes
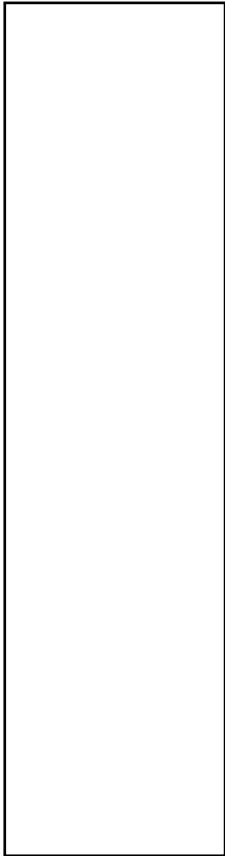
WT_TFH vs. WT TH1
DKO_TH1 vs. Bcl6KO TH1
DKO_TFH vs. Prdm1KO TFH

WT_TFH vs. WT TH1
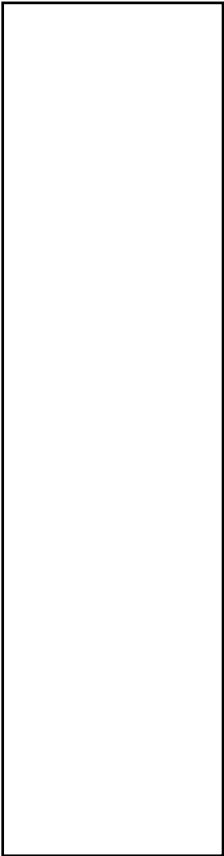DKO_TH1 vs. Bcl6KO TH1
DKO_TFH vs. Prdm1KO TFH

WT_TFH vs. WT TH1
DKO_TH1 vs. Bcl6KO TH1
DKO_TFH vs. Prdm1KO TFH

WT_TFH vs. WT TH1
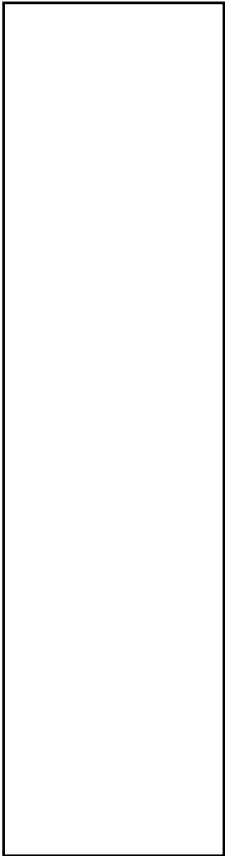DKO_TH1 vs. Bcl6KO TH1
DKO_TFH vs. Prdm1KO TFH

TFs w/ motif enrichment

TFs w/ motif enrichment

TFs w/ motif enrichment

TFs w/ motif enrichment