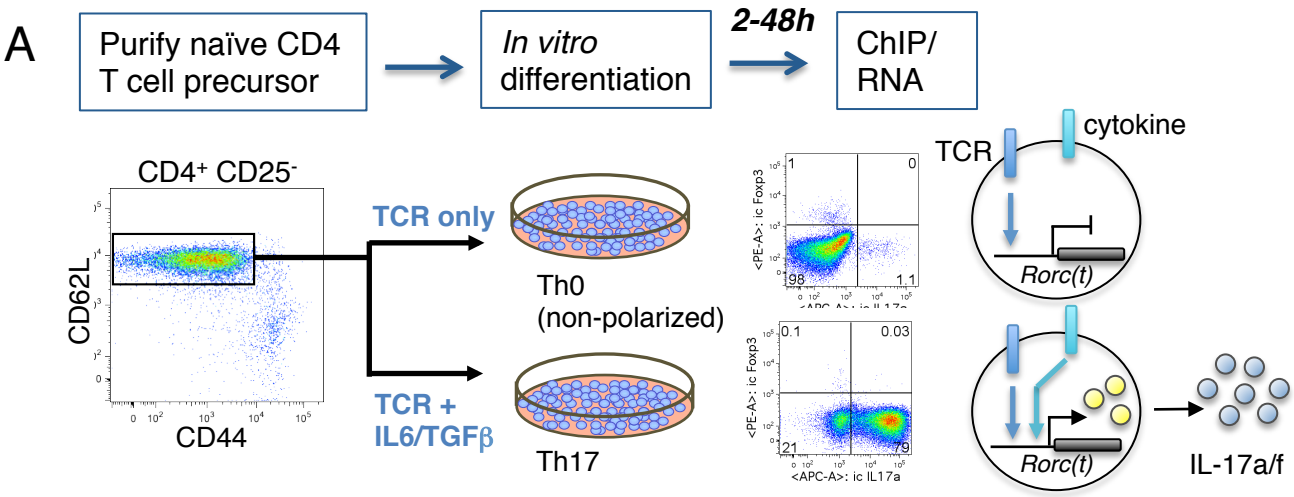
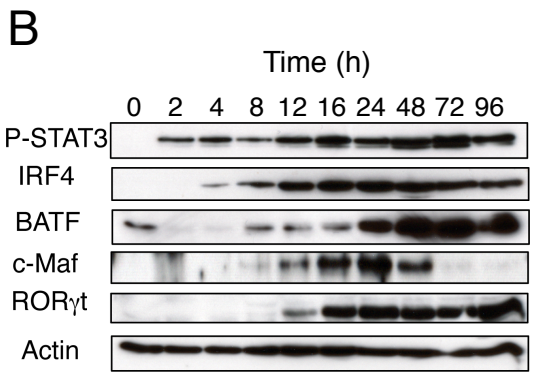
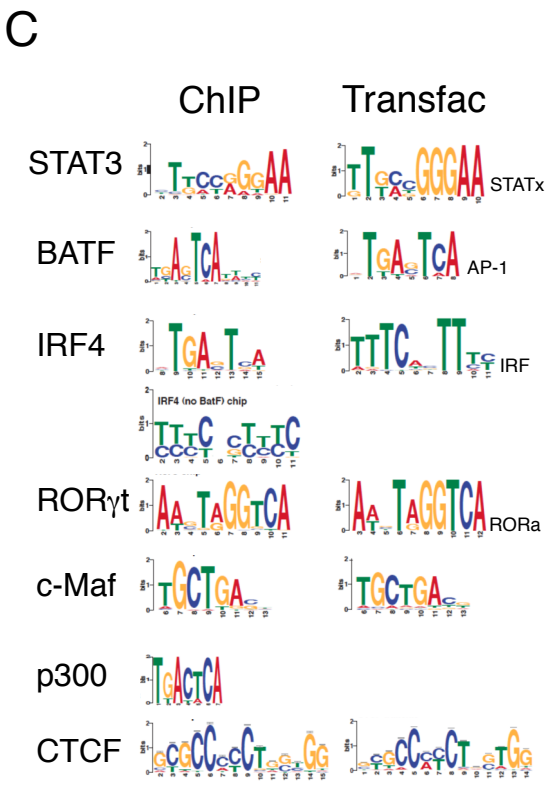
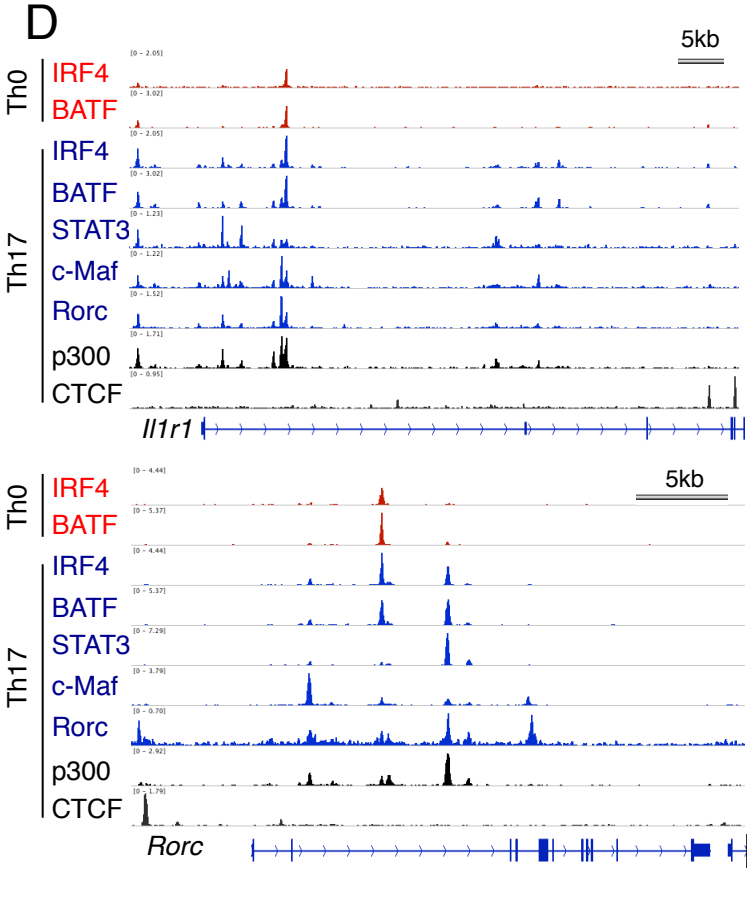
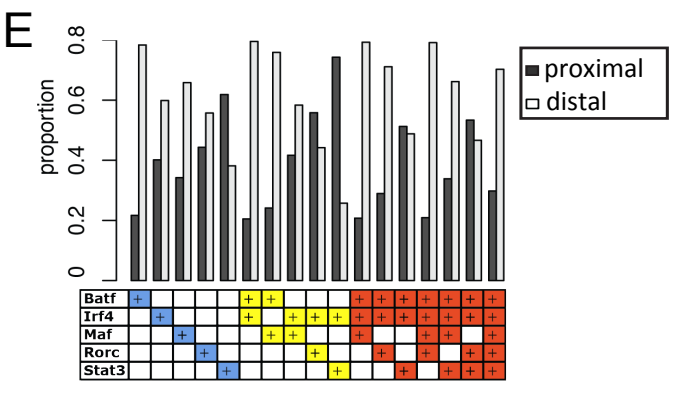
Figure S1


A
Purify naïve CD4 T cell precursor
In vitro differentiation
2-48h
ChIP/ RNA
CD4+ CD25-
CD62L
CD44
TCR only
TCR + IL6/TGFβ
Th0 (non-polarized)
Th17
<PE-A>: ic Foxp3
<APC-A>: ic IL17a
TCR
cytokine
Rorc(t)
IL-17a/f


B
Time (h)
0 2 4 8 12 16 24 48 72 96
P-STAT3
IRF4
BATF
c-Maf
RORγt
Actin


C
ChIP
Transfac
STAT3
STATx
BATF
AP-1
IRF4
IRF
IRF4 (no BatF) chip
RORγt
RORa
c-Maf
p300
CTCF


D
5kb
Th0
Th17
IRF4
BATF
STAT3
c-Maf
Rorc
p300
CTCF
Il1r1
Rorc


E
proportion
0
0.2
0.4
0.6
0.8
proximal
distal
Batf
Irf4
Maf
Rorc
Stat3