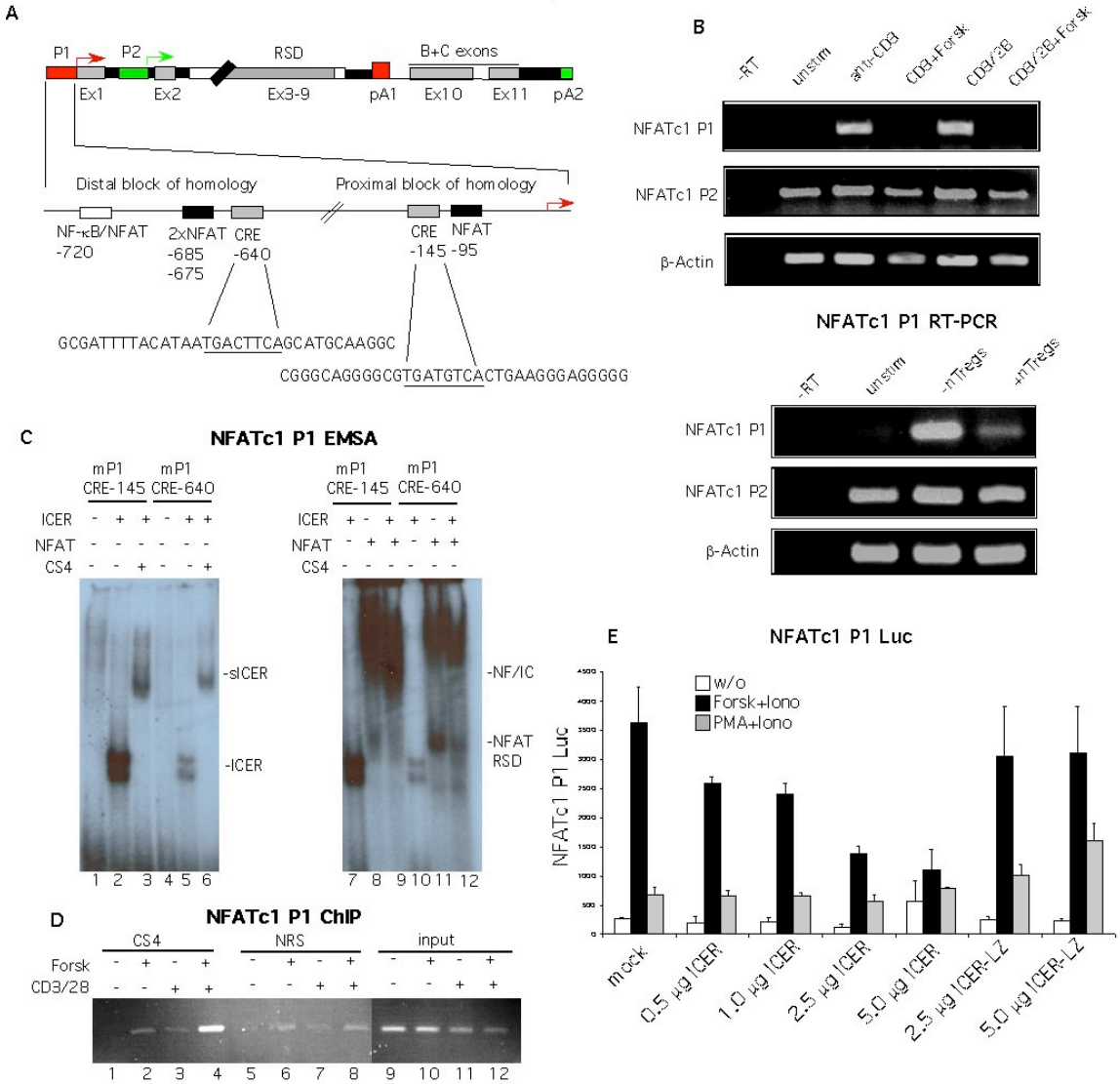
Figure 4


A
P1
P2
RSD
B+C exons
Ex1
Ex2
Ex3-9
pA1
Ex10
Ex11
pA2
Distal block of homology
Proximal block of homology
NF-κB/NFAT
-720
2xNFAT
-685
-675
CRE
-640
CRE
-145
NFAT
-95
GCGATTTTACATAATGACTTCAGCATGCAAGGC
CGGGCAGGGGCGTGATGTCACTGAAGGGAGGGGG
B
-RT
unstim
anti-CD3
CD3+Forsk
CD3/28
CD3/28+Forsk
NFATc1 P1
NFATc1 P2
β-Actin
NFATc1 P1 RT-PCR
-RT
unstim
-nTregs
+nTregs
NFATc1 P1
NFATc1 P2
β-Actin
C
NFATc1 P1 EMSA
mP1
CRE-145
mP1
CRE-640
ICER
NFAT
CS4
-sICER
-ICER
-NF/IC
-NFAT
RSD
1 2 3 4 5 6
7 8 9 10 11 12
D
NFATc1 P1 ChIP
CS4
NRS
input
Forsk
CD3/28
1 2 3 4 5 6 7 8 9 10 11 12
E
NFATc1 P1 Luc
w/o
Forsk+Iono
PMA+Iono
NFATc1 P1 Luc
mock
0.5 µg ICER
1.0 µg ICER
2.5 µg ICER
5.0 µg ICER
2.5 µg ICER-LZ
5.0 µg ICER-LZ