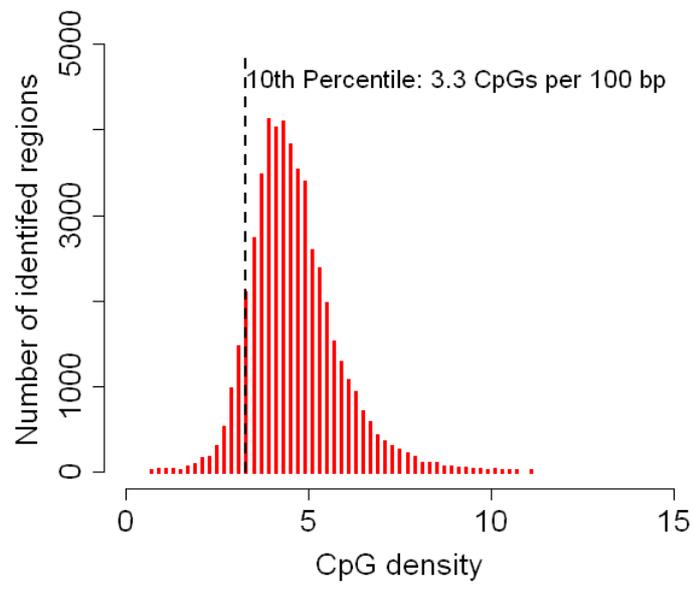


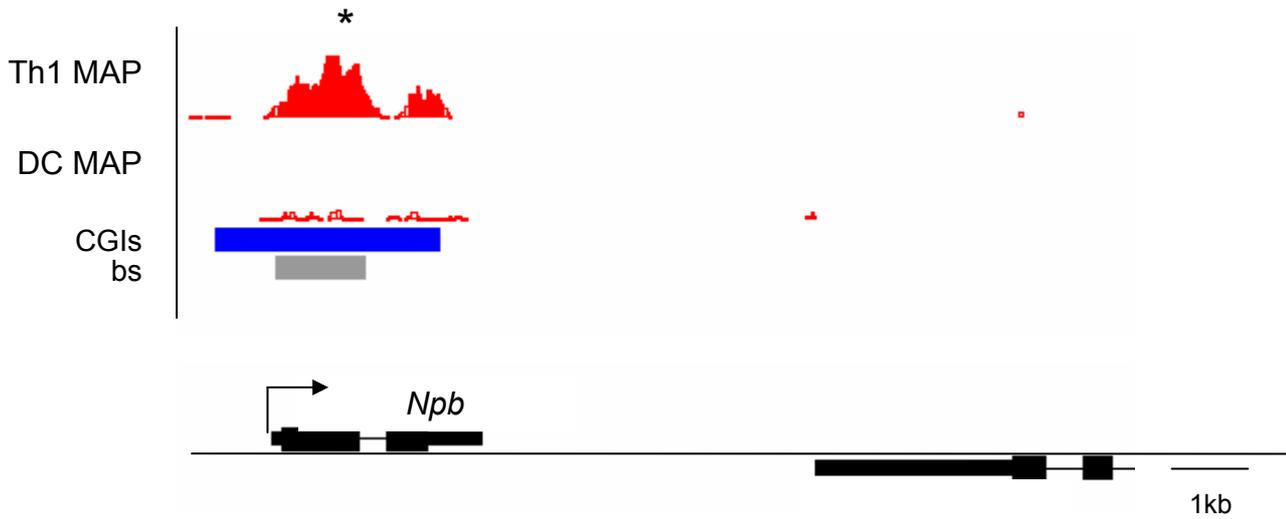
A



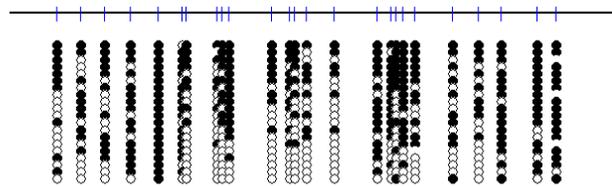
A

mouse chr11: 120,472,360 -120,469,551

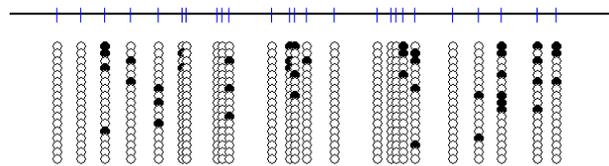
Deaton\_Figure S2



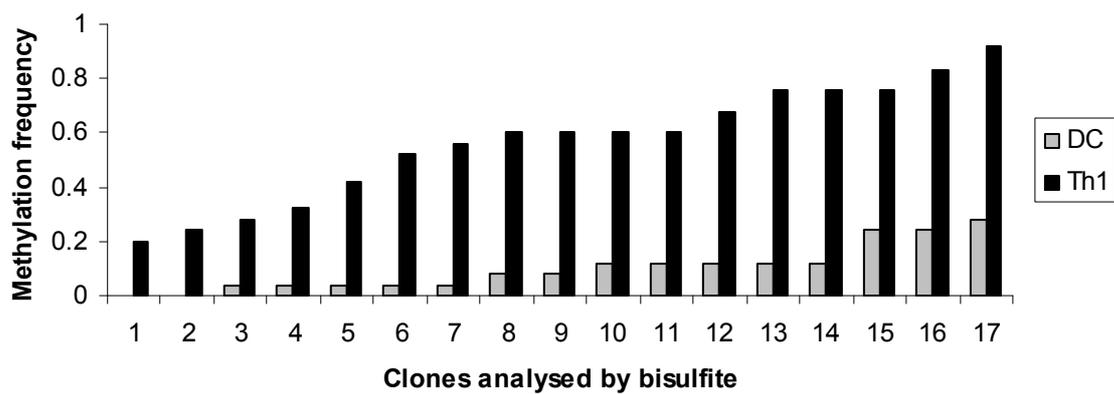
Th1 54% methylated

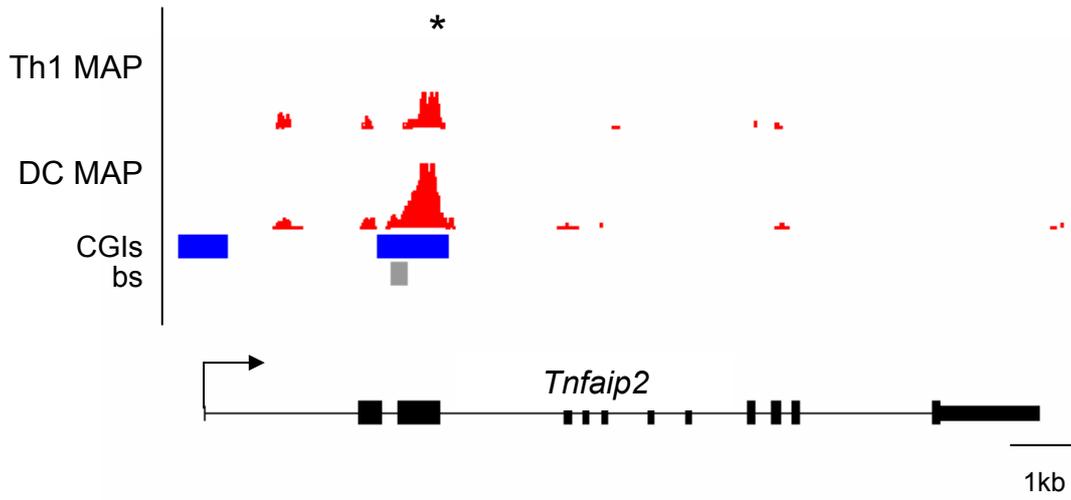


DC 9% methylated

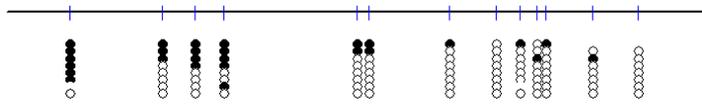


*Npb*

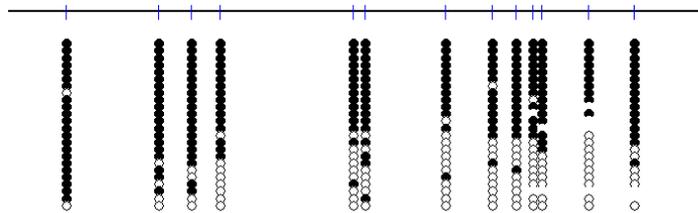




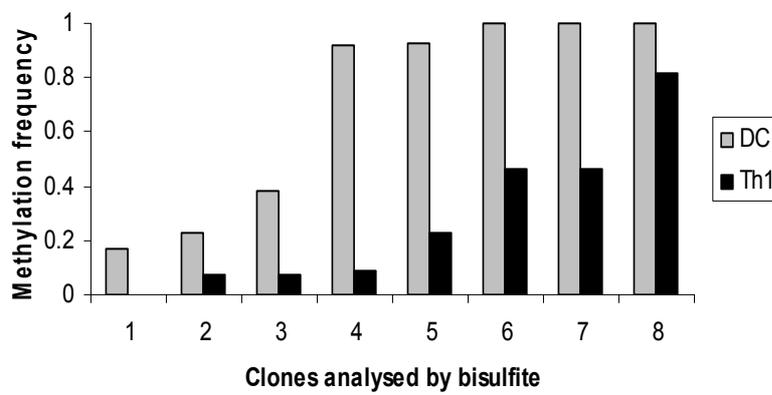
Th1 26% methylated



DC 66% methylated



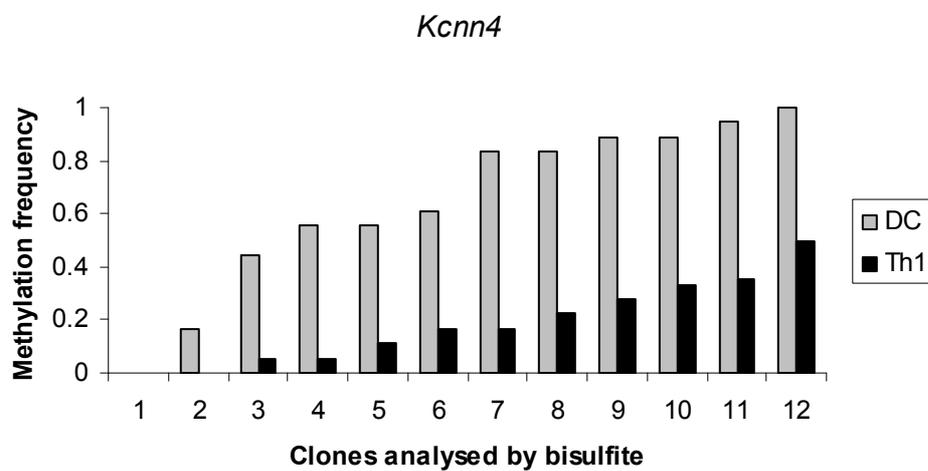
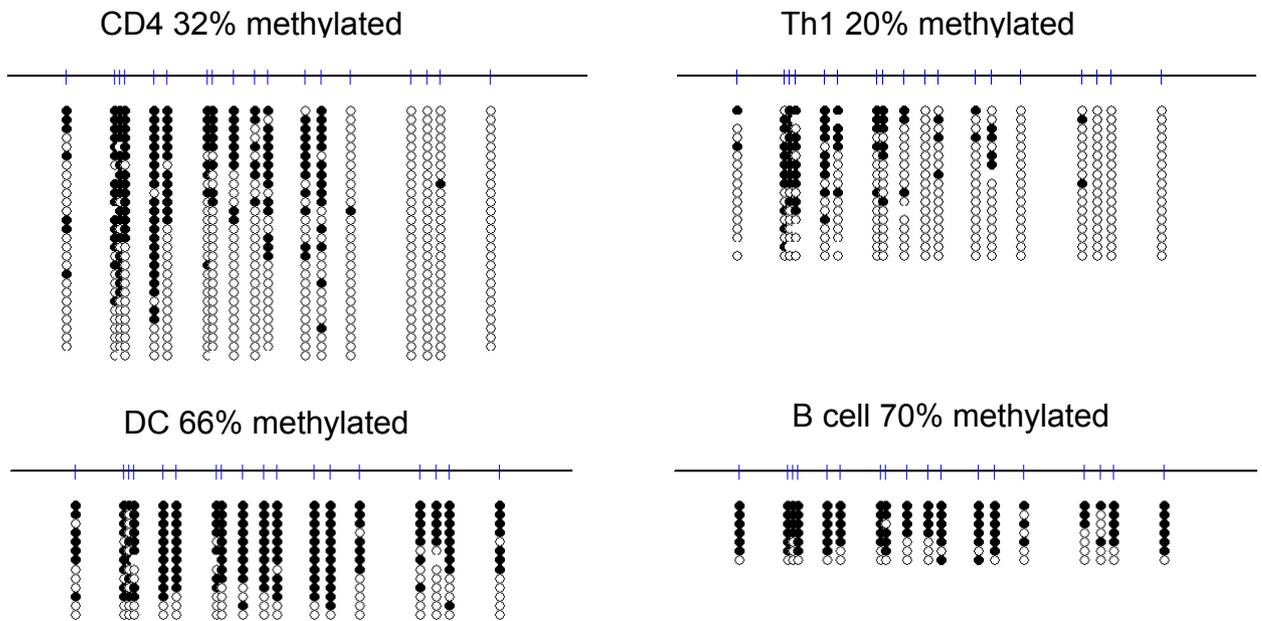
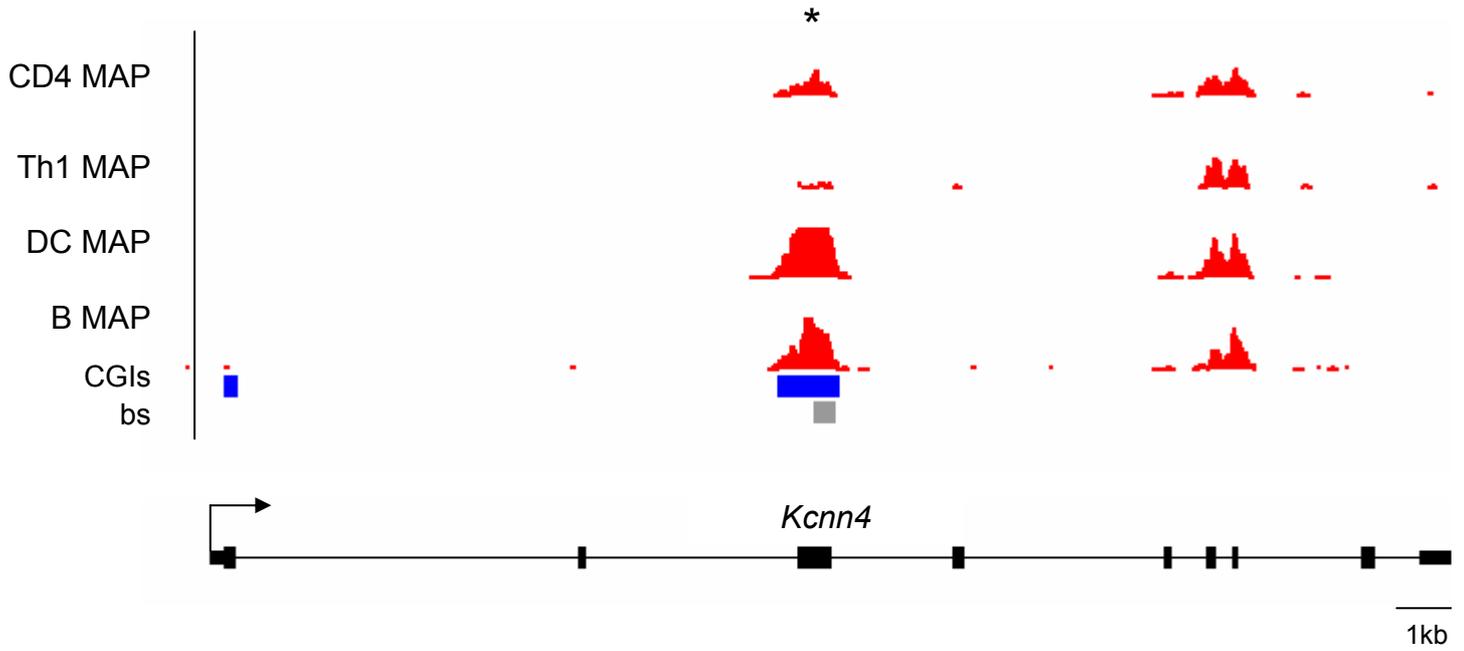
*Tnfaip2*

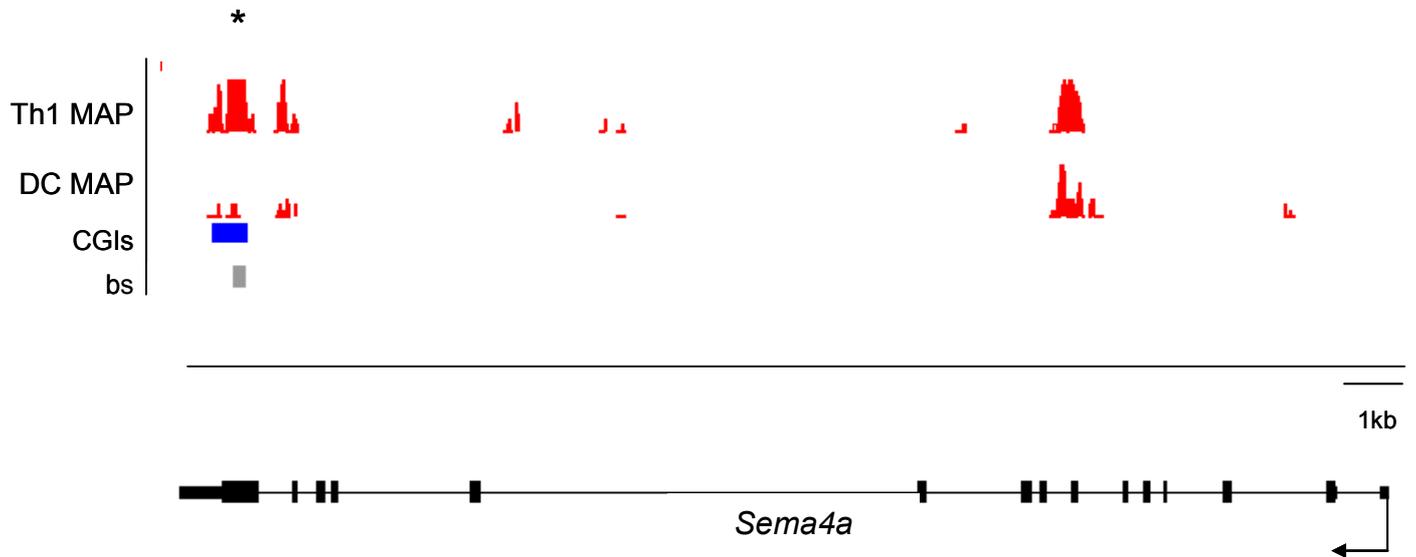


C

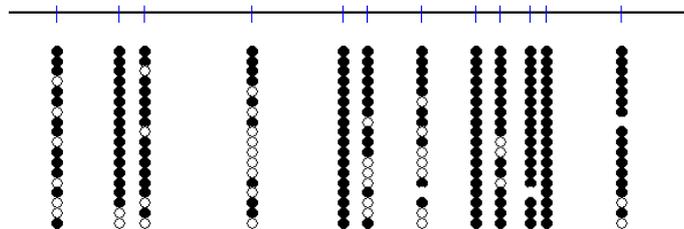
mouse chr7: 25,154,773 – 25,170,942

Deaton\_Figure S2

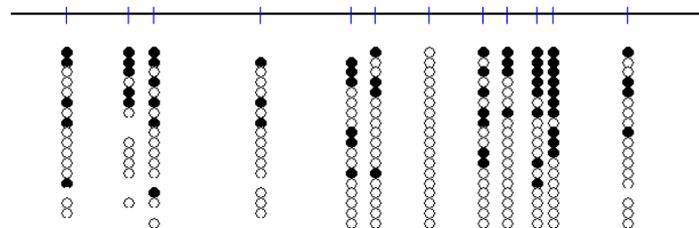




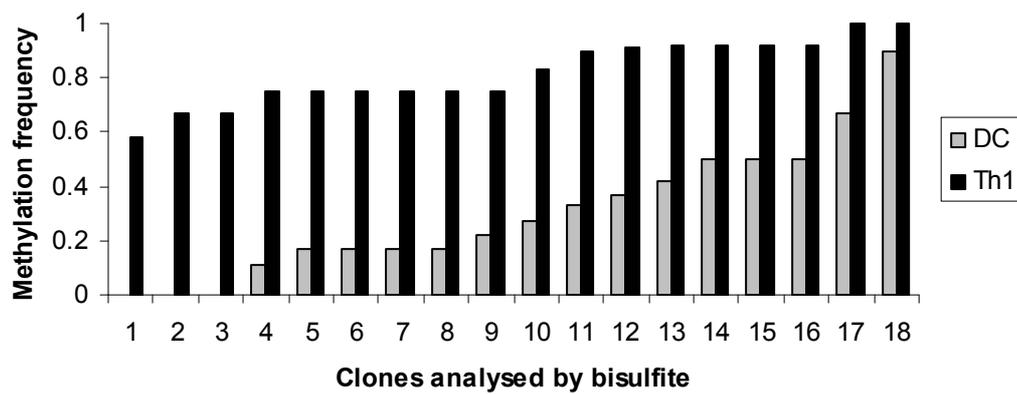
Th1 80% methylated

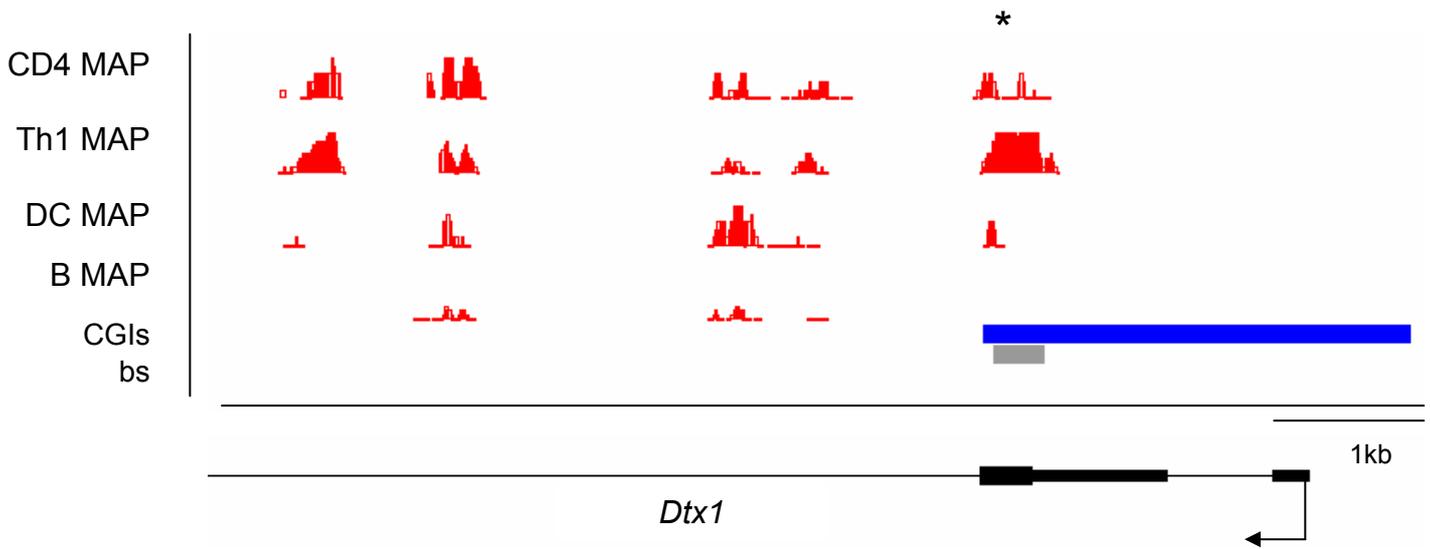


DC 29% methylated



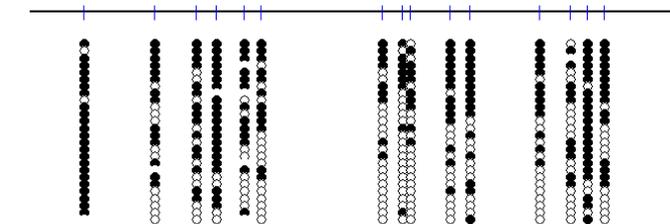
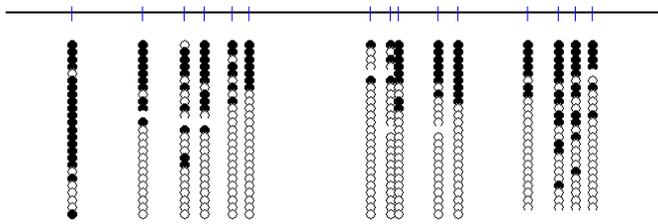
*Sema4a*





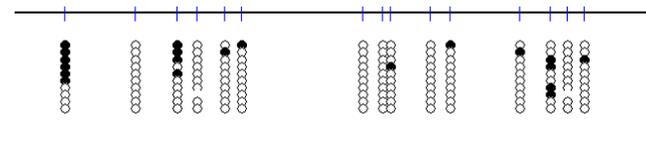
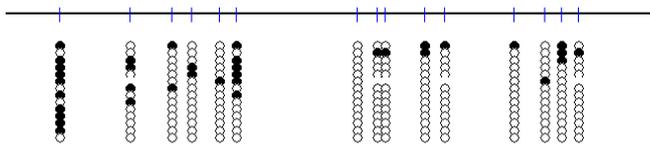
CD4 33% methylated

Th1 55% methylated

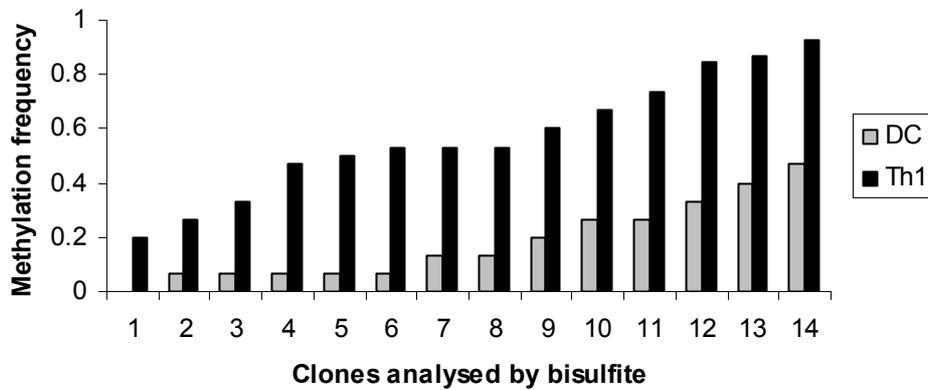


DC 17% methylated

B cell 13%



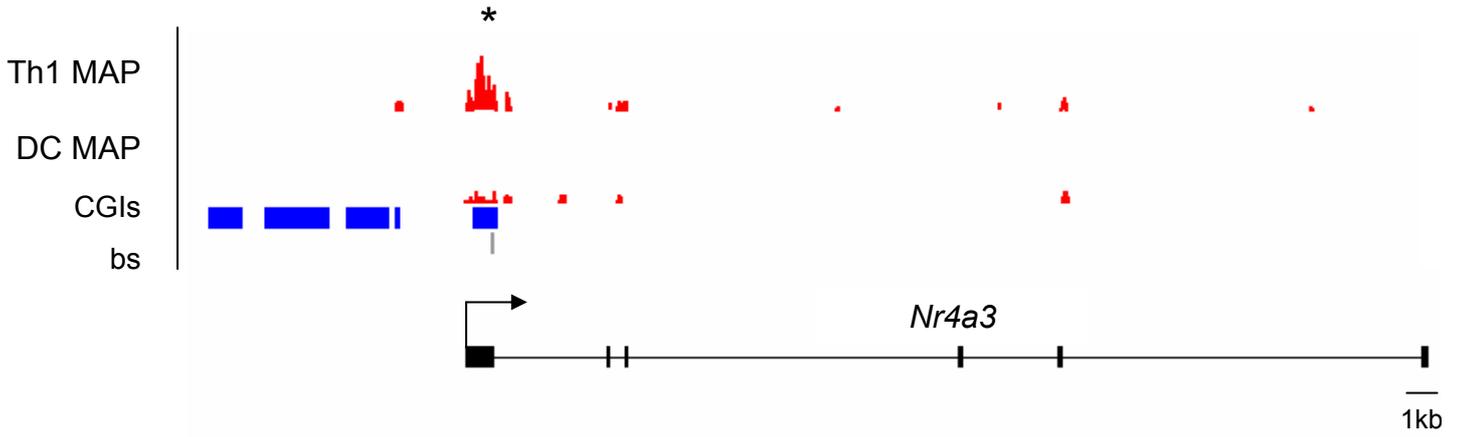
*Dtx1*



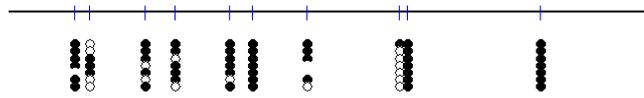
F

mouse chr4: 48,055,154 – 48,098,740

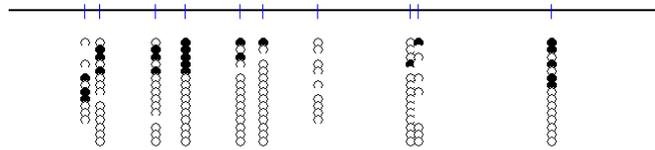
Deaton\_Figure S2



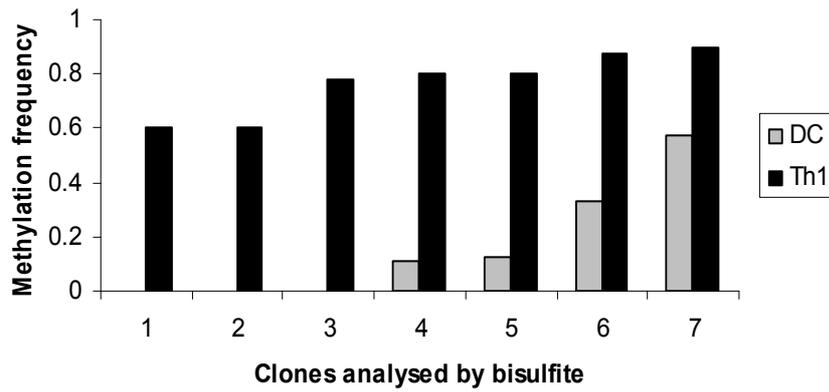
Th1 73% methylated



DC 16% methylated



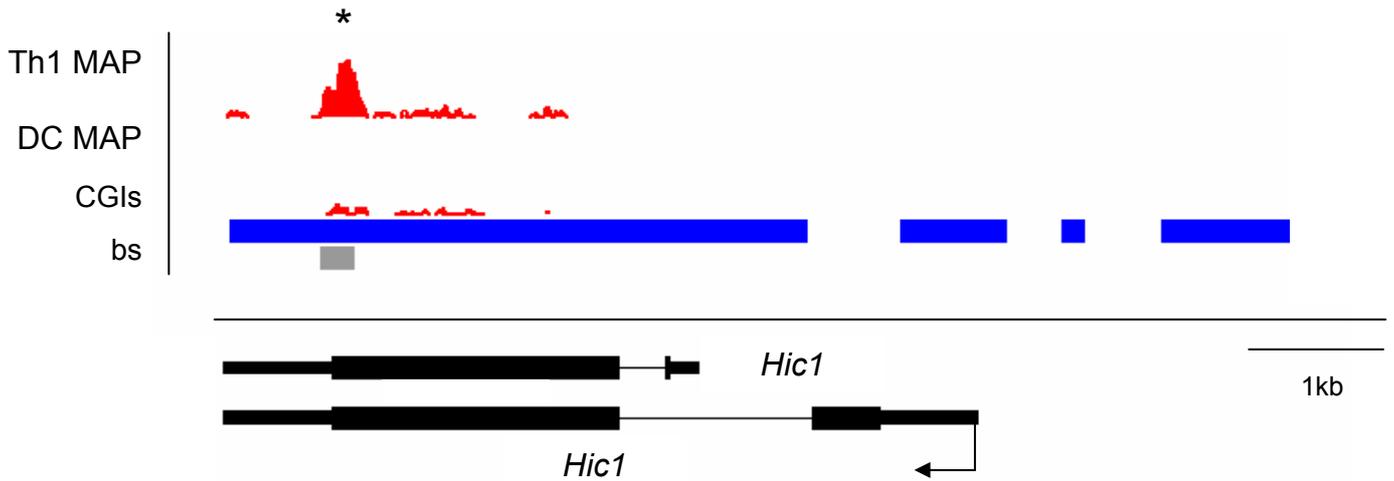
*Nr4a3*



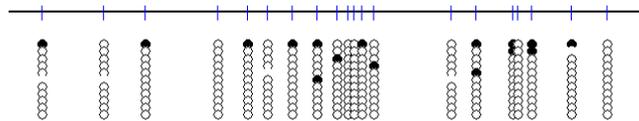
G

mouse chr11: 74,978,027– 74,986,680

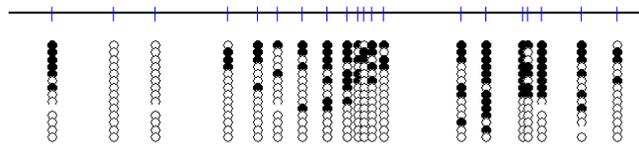
Deaton\_Figure S2



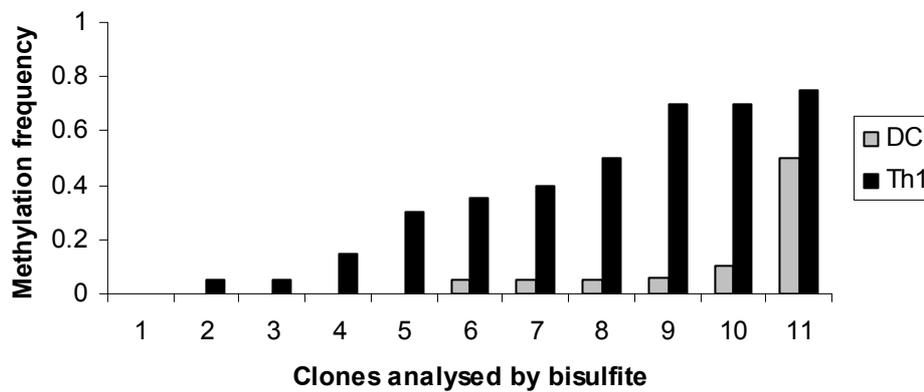
Th1 33% methylated



DC 7% methylated



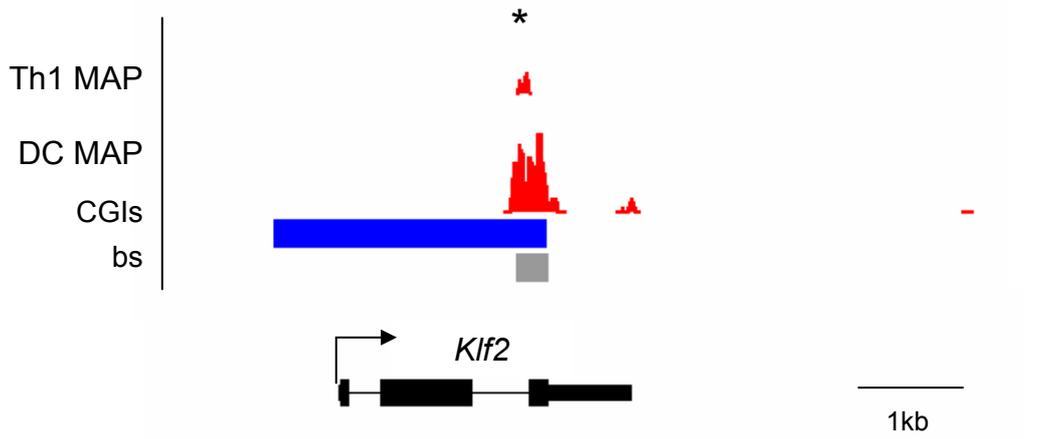
*Hic1*



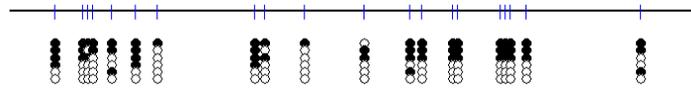
H

mouse chr8: 74,841,024– 74,848,996

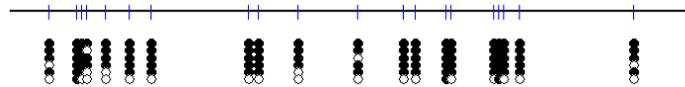
Deaton\_Figure S2



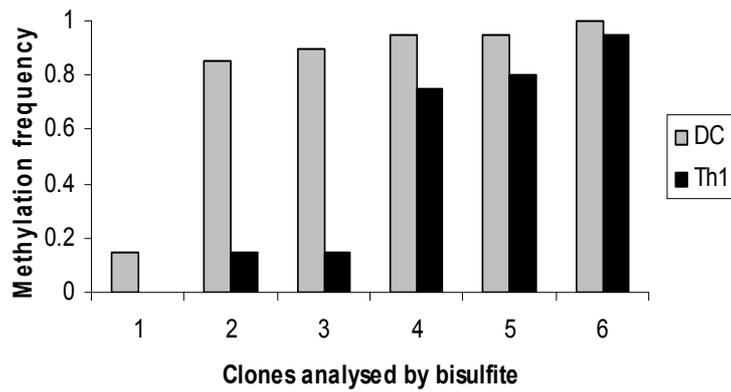
Th1 47% methylated

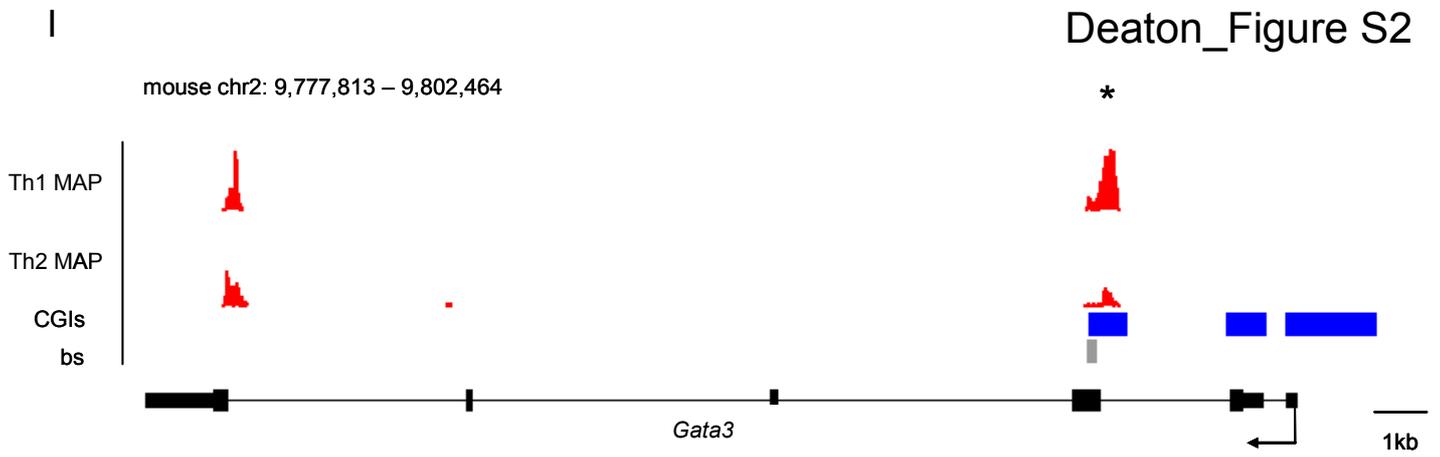


DC 80% methylated

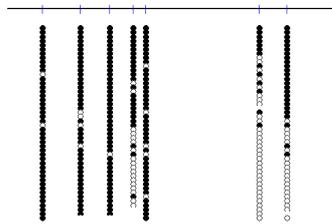


*Kif2*

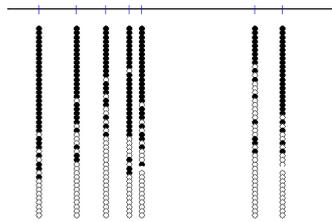




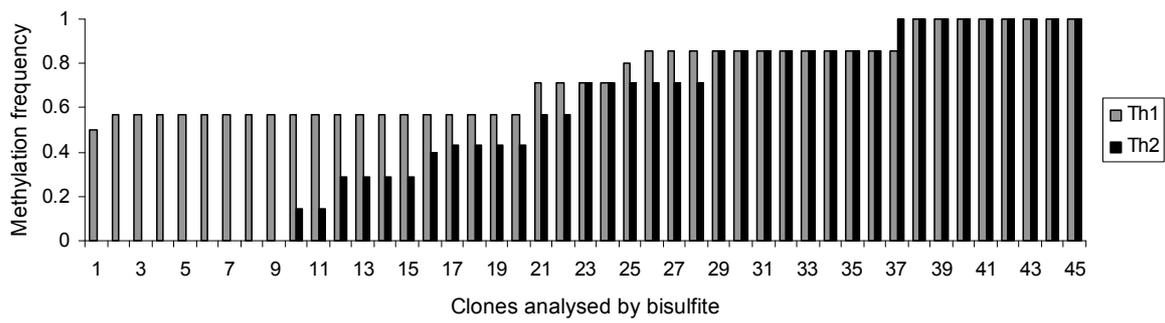
Th1 72% methylated

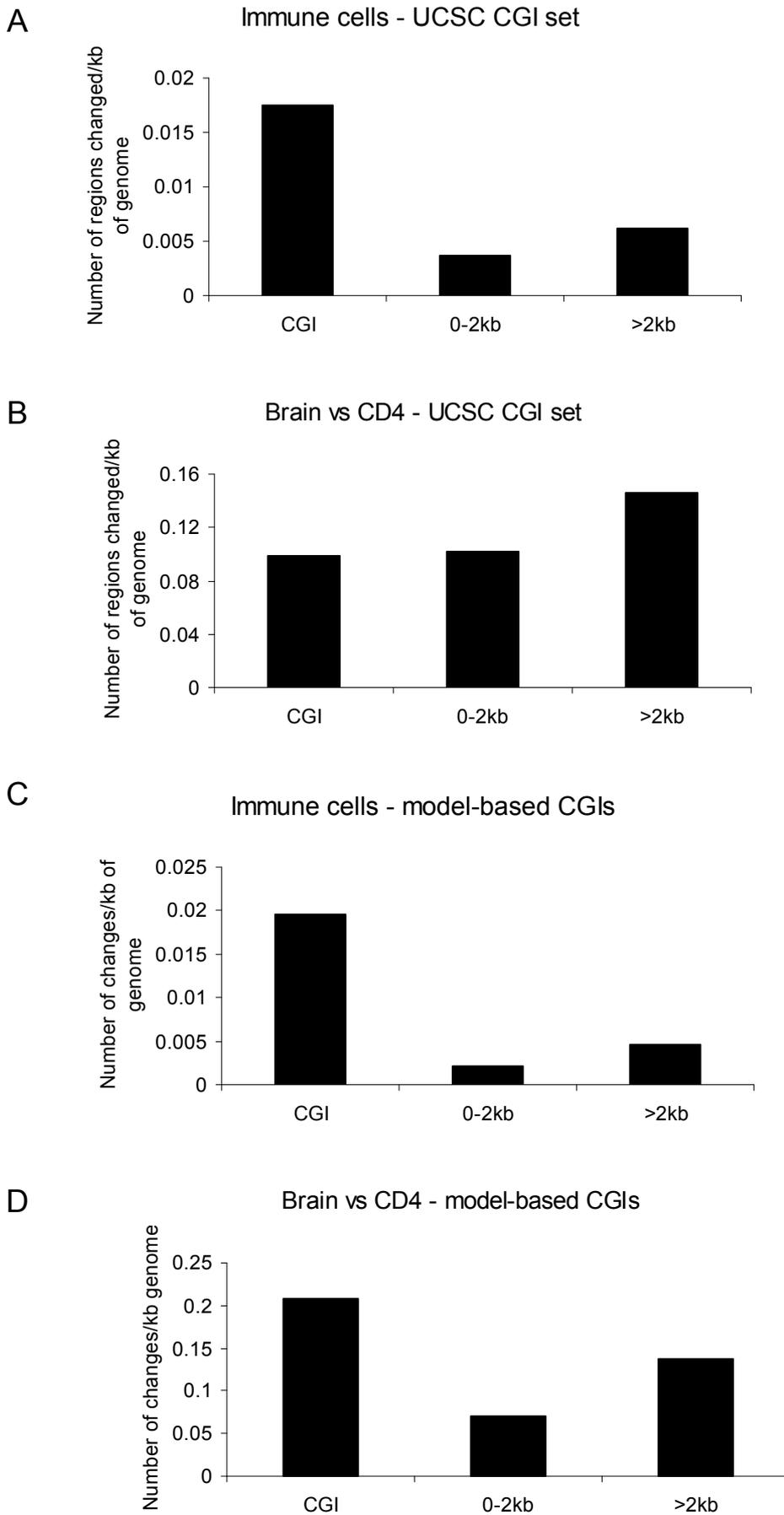


Th2 54% methylated

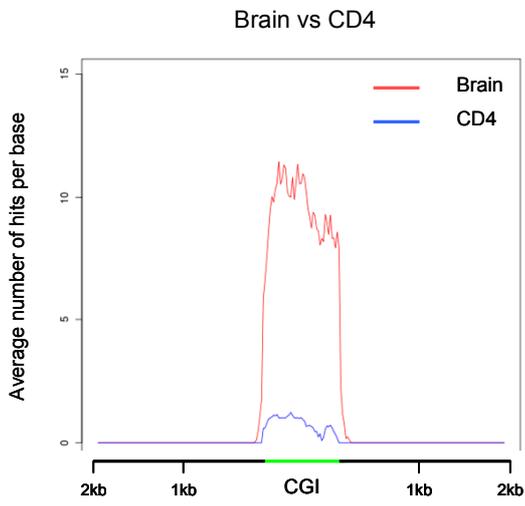


*Gata3*



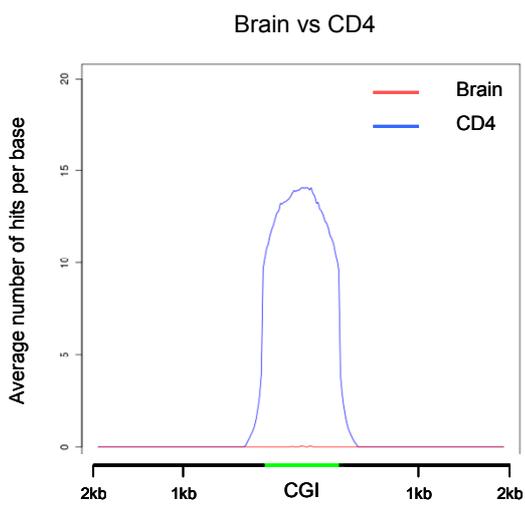


A



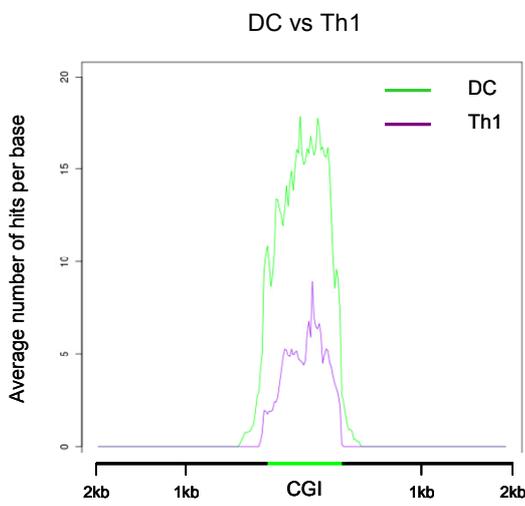
Increased methylation  
in brain  
n = 105

B



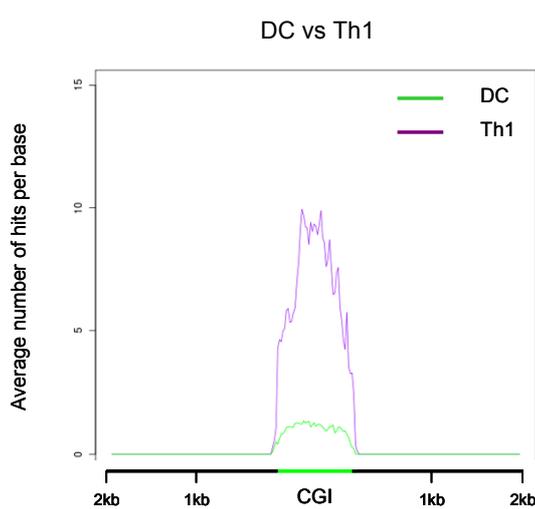
Decreased  
methylation in brain  
n = 2207

C



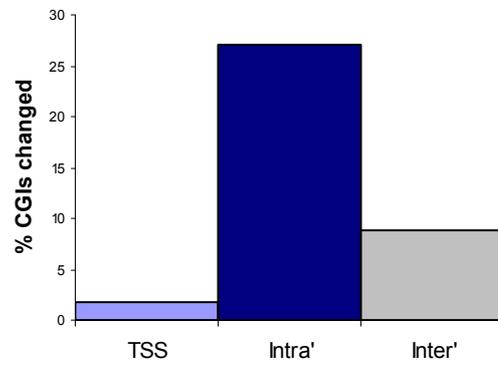
Increased methylation  
in DC  
n = 45

D



Decreased  
methylation in DC  
n = 57

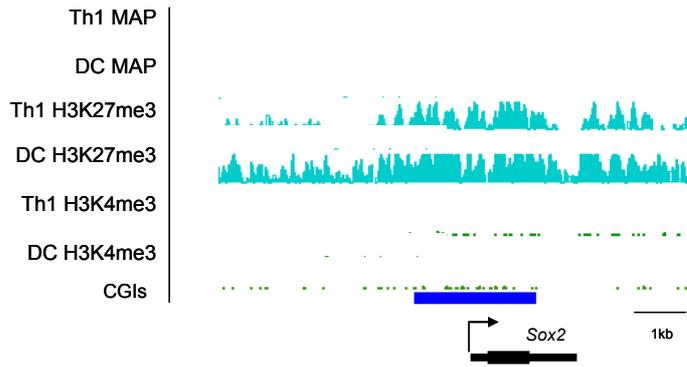
**Brain vs CD4 - differentially methylated CGIs**



A

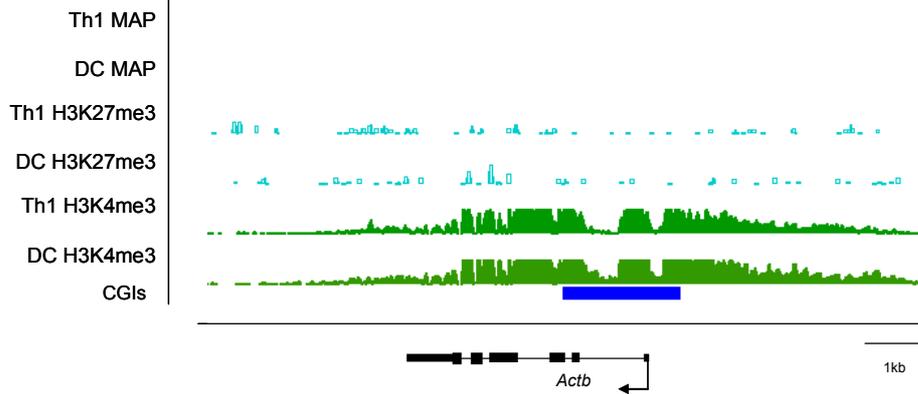
mouse chr3: 34,542,948 – 34,554,173

Deaton\_Figure S6



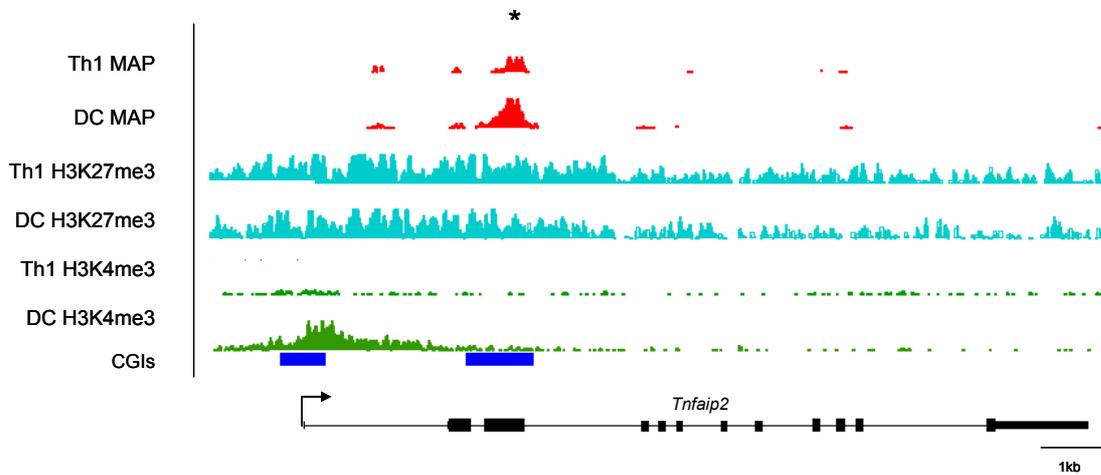
B

mouse chr5: 143,661,791 – 143,672,730



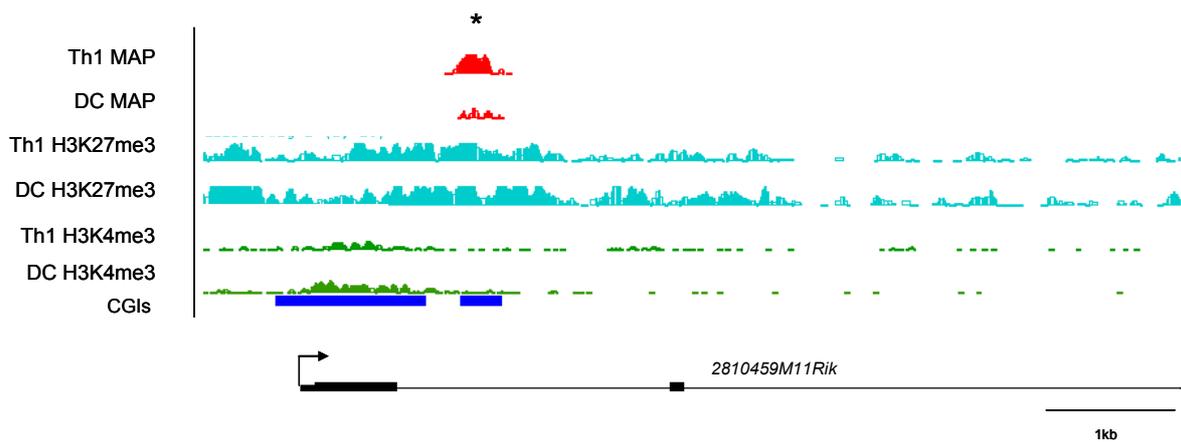
C

mouse chr12: 112,679,327 – 112,693,721

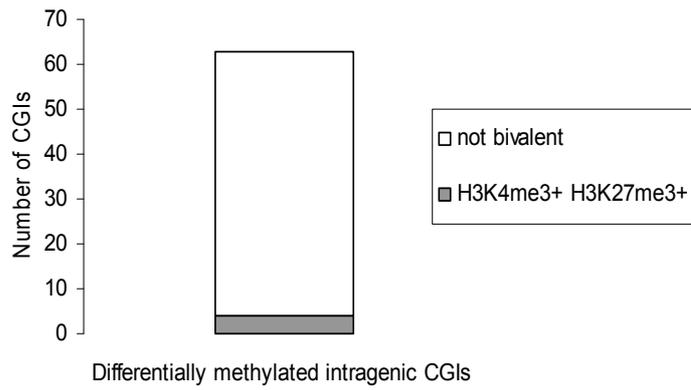


D

mouse chr1: 87,941,651 – 87,949,052

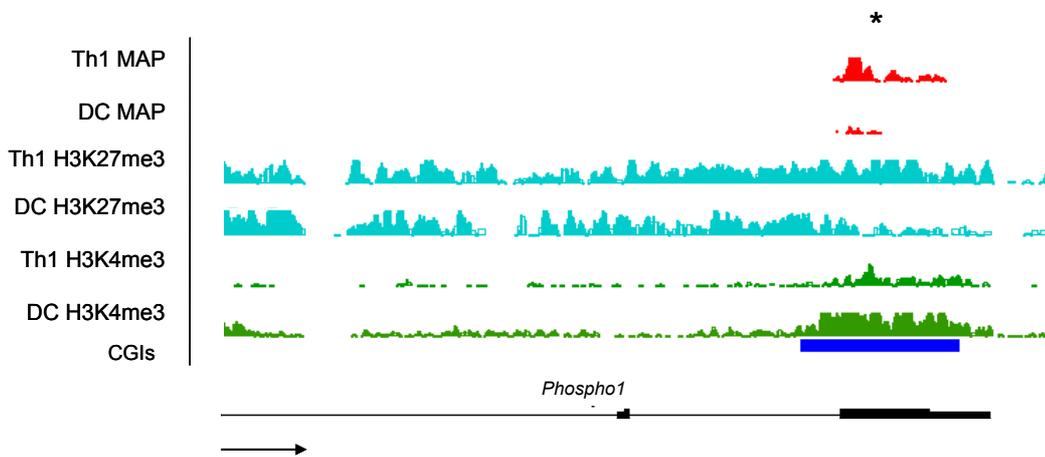


A



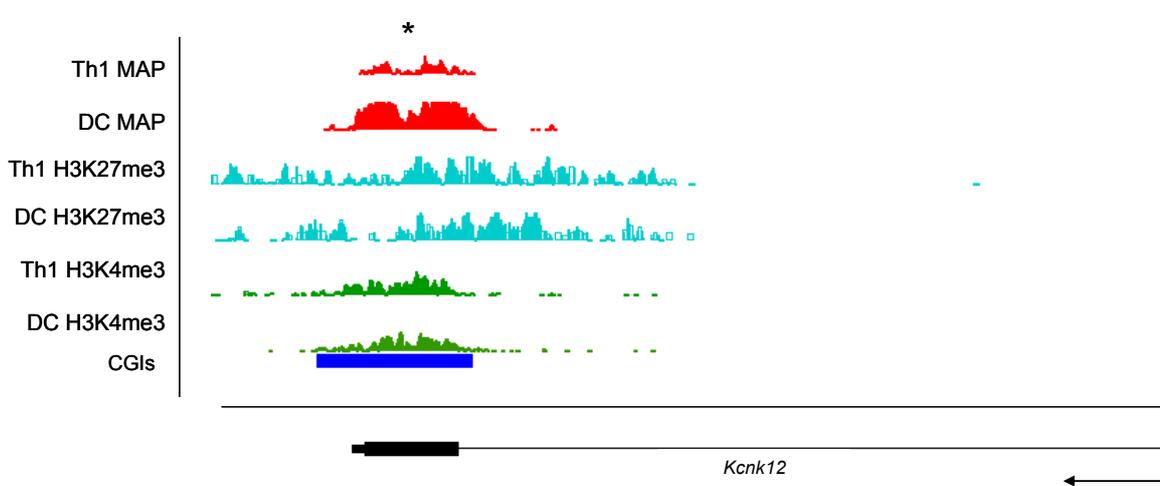
B

mouse chr11: 95,686,401 – 95,693,687

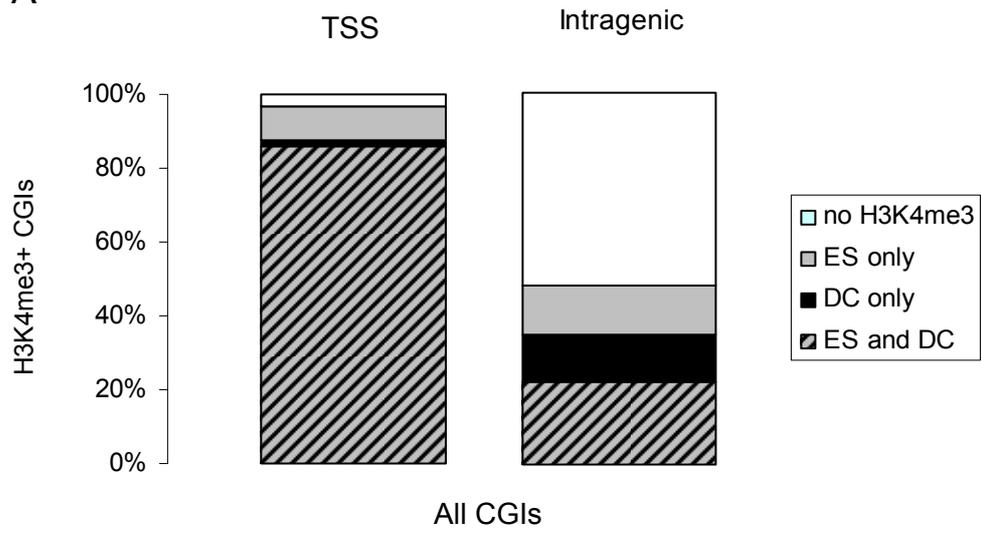


C

mouse chr17: 88,143,720 – 88,152,972

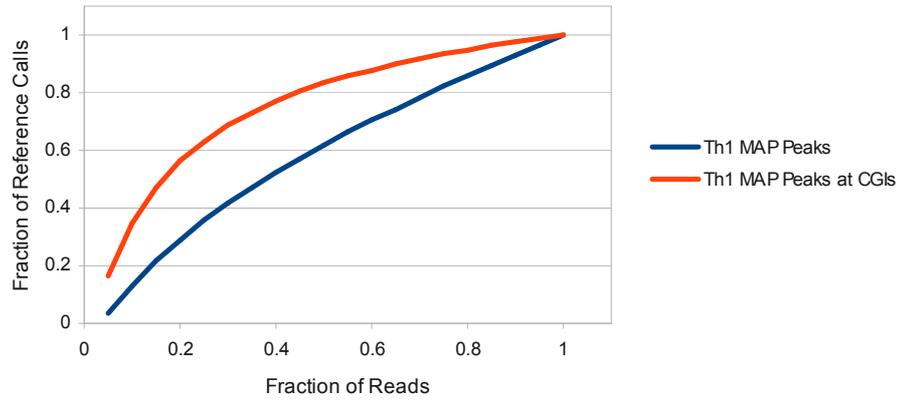


A



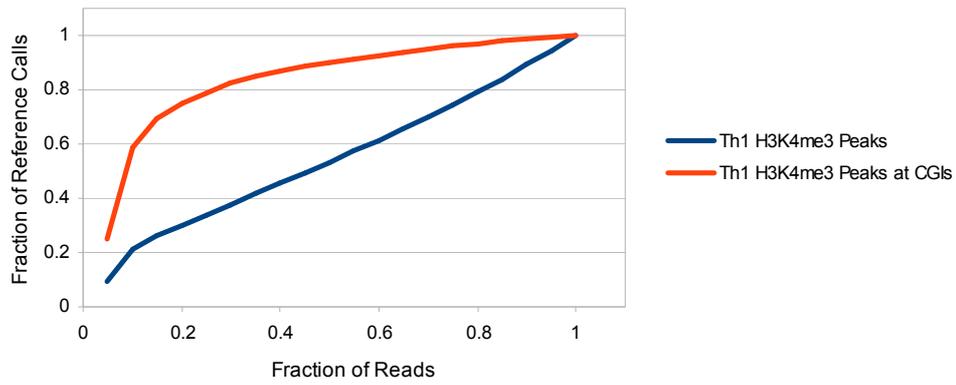
A

Th1 MAP-seq



B

Th1 H3K4me3 ChIP-seq



C

Th1 H3K27me3 ChIP-seq

