a.
Chr22
38.4335 mb
38.4345 mb
38.4355 mb
38.434 mb
38.435 mb
SOX10 ChIP-seq
MITF ChIP-seq
H3K27ac enhancer
(CHEQ-seq Intron Log2 FC)
ATAC-seq enhancer
(CHEQ-seq Log2 FC)
SOX10_-56-D
SOX10_-56-DA
SOX10_-56-DB
ATAC-seq
MM001
MM057
MM074
MM087
MM029
MM099
DeepMEL2
Topic 16 tiling A
Topic 16 tiling B
Topic 17 tiling A
Topic 17 tiling B
CHEQ-seq (Log2 FC)
MM001 tiling B
MM057 tiling A
MM057 tiling B
MM074 tiling A
MM087 tiling A
MM087 tiling B
MM029 tiling A
MM029 tiling B
MM099 tiling A
MM099 tiling B
Enhancer tiling A
Enhancer tiling B
c.
Chr7
128.467 mb
128.468 mb
128.4675 mb
128.4685 mb
JUN ChIP-seq
JUNB ChIP-seq
H3K27ac enhancer
(CHEQ-seq Intron Log2 FC)
ATAC-seq enhancer
(CHEQ-seq Log2 FC)
FLNC_-2-D
FLNC_-2-DA
FLNC_-2-DB
ATAC-seq
MM001
MM057
MM074
MM087
MM029
MM099
DeepMEL2
Topic 19 tiling A
Topic 19 tiling B
CHEQ-seq (Log2 FC)
MM001 tiling B
MM057 tiling A
MM057 tiling B
MM074 tiling A
MM087 tiling A
MM087 tiling B
MM029 tiling A
MM029 tiling B
MM099 tiling A
MM099 tiling B
Enhancer tiling A
Enhancer tiling B
b.
DeepExplainer
0.0008
0.0006
0.0004
0.0002
0.0000
−0.0002
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190