a.
Cell line
Time point
Topic 1
Topic 13
Topic 14
Topic 10
Topic 15
Topic 4
Topic 6
Topic 12
Topic 8
Topic 9
Topic 5
Topic 7
Topic 11
Topic 2
Topic 3
Topic 16
Cell line
MM057
MM087
Time point
0h
24h
48h
72h
Probability
0
0.1
0.2
0.3
0.4
b.
MYO9B
ATAC-seq
MM057 0h
MM057 24h
MM057 48h
MM057 72h
MM087 0h
MM087 24h
MM087 48h
MM087 72h
[0 - 6,36]
Topic 11
ATAC-seq peak
Cloned tiles
c.
M
A
4
2
0
8
10
12
Adjusted
p−value
>= 0.05
< 0.05
Negative
control
d.
15.1%
Number of enhancers
0
200
400
600
800
1000
1200
1400
Active
enhancers
Inactive
enhancers
e.
Motif enriched in
significantly active tiles
ETS (1e-20)
E-box (1e-19)
ATF (1e-17)
SP1 (1e-12)