a
-Log10(pvalue)
(wt vs suvh456)
50≤
40
30
20
10
0
-10
-5
0
5
10
Log2(fold change) (wt vs suvh456)
single H3K9me2, CHGm on REF6 BS
single H3K9me2 and REF6 BS
single H3K9me2
Arabidopsis all

b
Total number
Arabidopsis all 27206
single H3K9me2
all 336
wtih CHGm on REF6-BS 54
without CHGm on REF6-BS 33
0
5
10
15
20
25
Downregulated genes (%)
Upregulated genes (%)