a
50≤
40
30
20
10
0
-10
-5
0
5
10
-Log10(pvalue) (wt vs ref6-1)
Log2(fold change) (wt vs ref6-1)
H3K27me3/H3K9me2 and non-CHGm on REF6 BS
H3K27me3/H3K9me2 and REF6 BS
H3K27me3/H3K9me2
Arabidopsis all
b
Total number
Arabidopsis all 27206
H3K27me3/H3K9me2
all 912
wtih CHGm on REF6-BS 228
without CHGm on REF6-BS 126
0
4
8
12
Downregulated genes (%)
Upregulated genes (%)