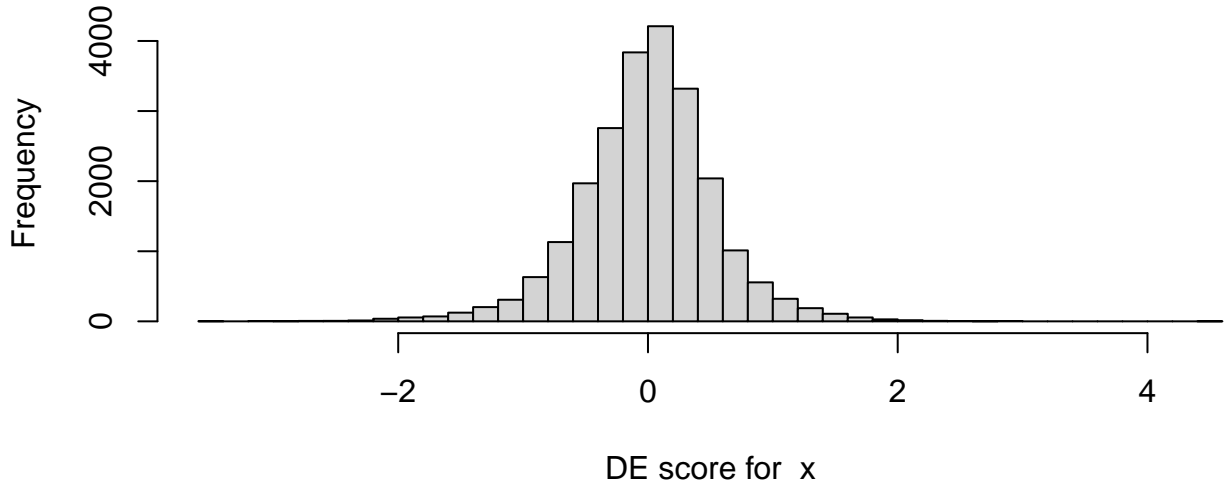
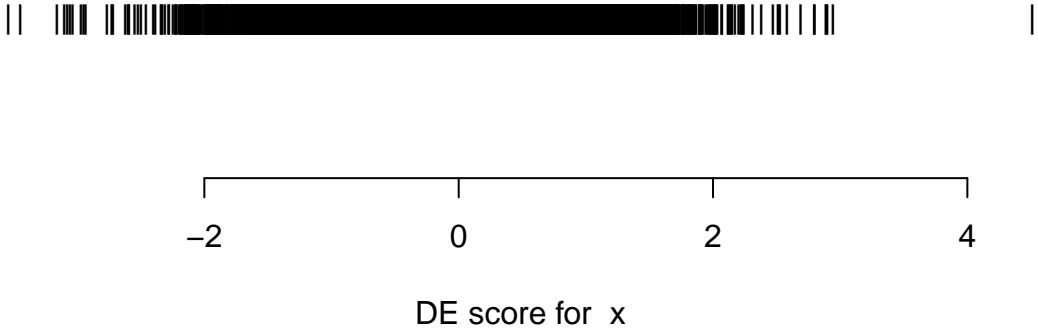


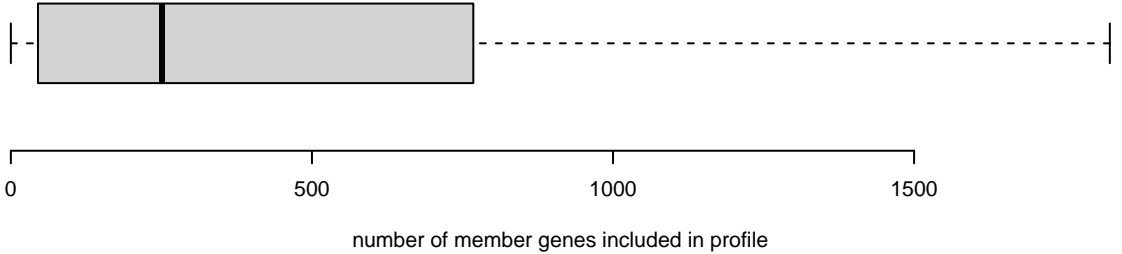
# Distribution of DE scores



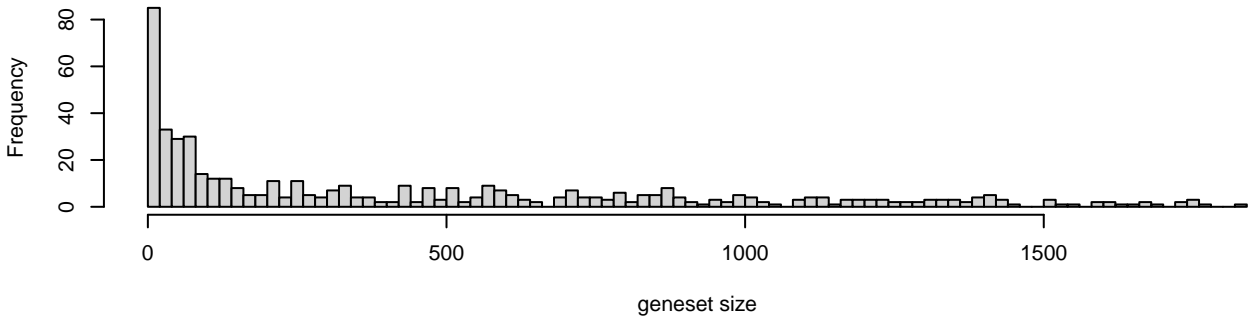
23030 genes in total, 11873 trending up-regulated, 11157 trending down-regulated



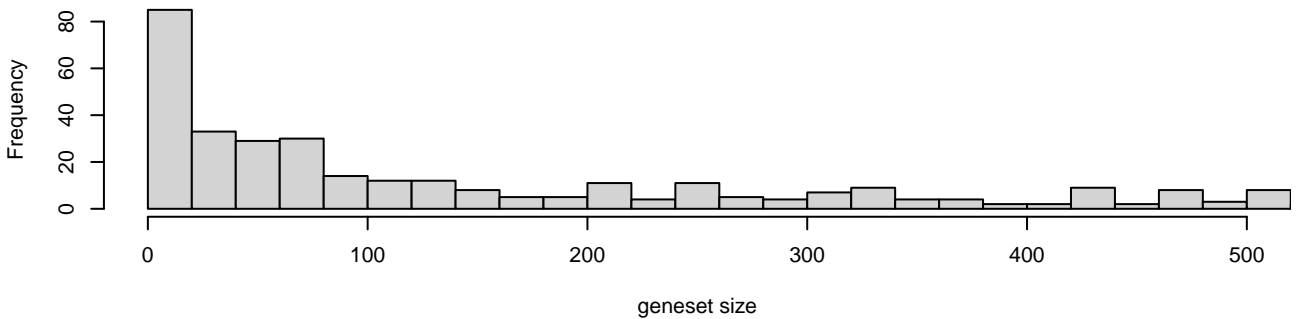
## Gene set size



## Histogram of geneset size

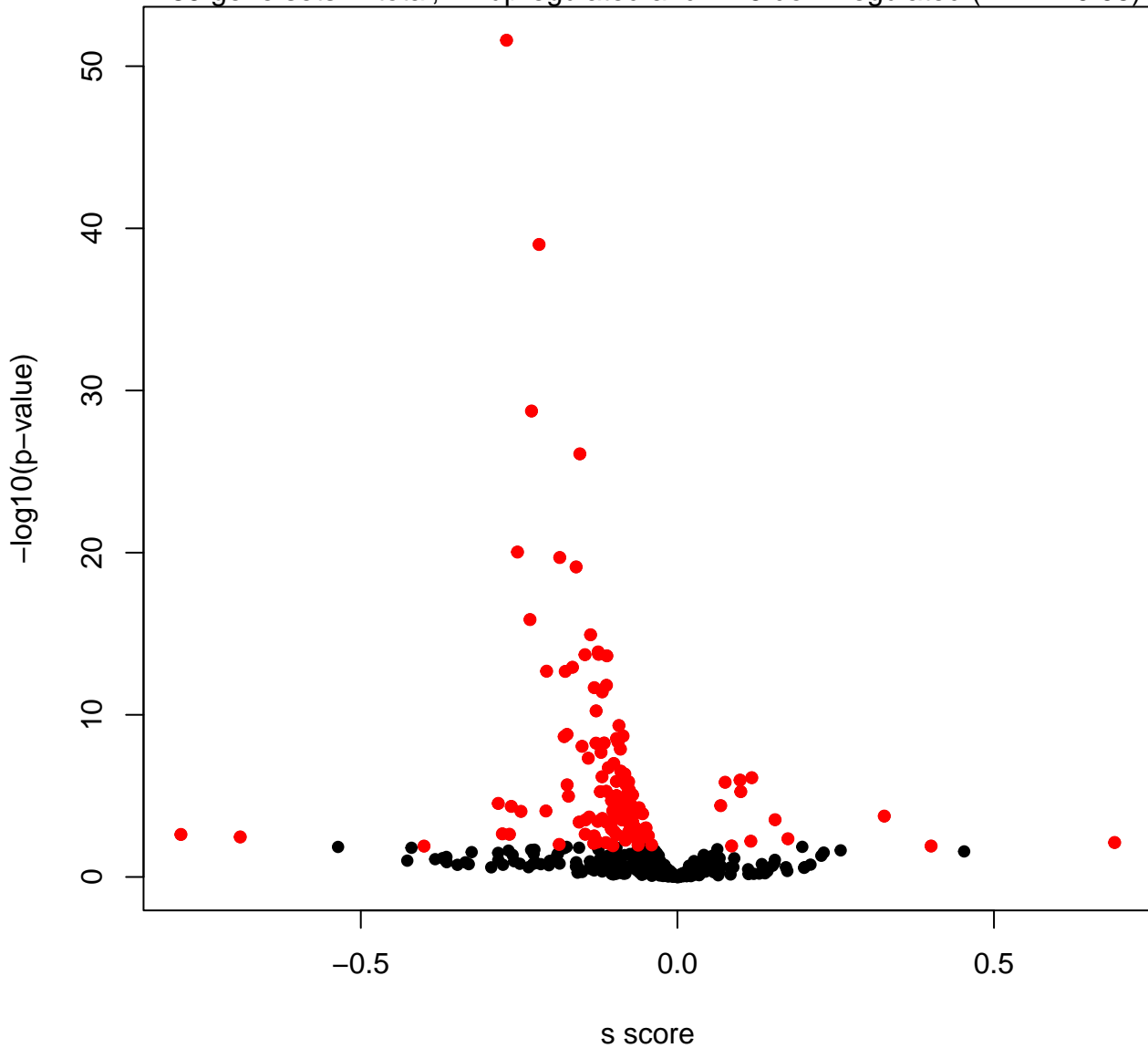


## Trimmed histogram of geneset size



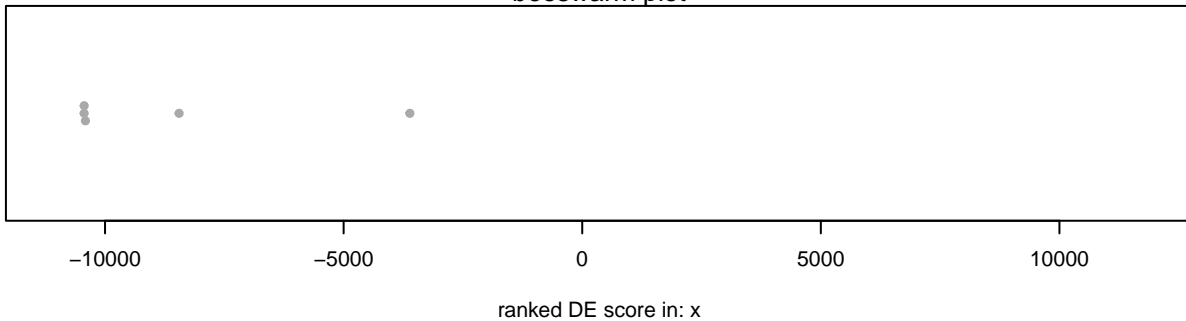
# volcano plot of gene set enrichments

489 gene sets in total, 12 upregulated and 119 downregulated (FDR $\leq$ 0.05)

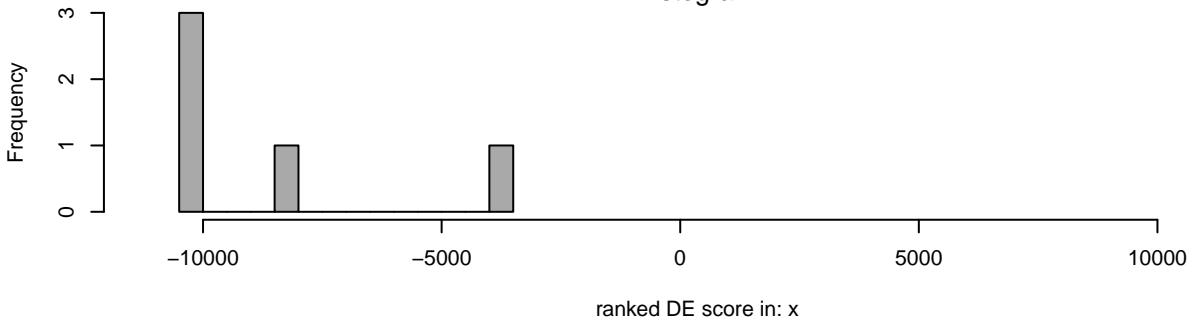


# NEUROD2 TARGET GENES

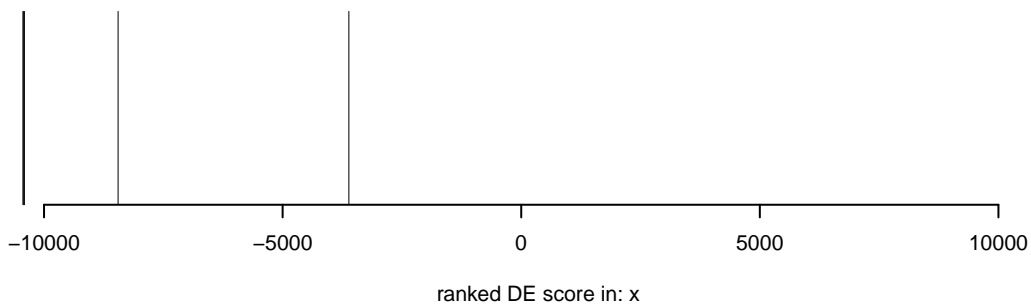
beeswarm plot



histogram

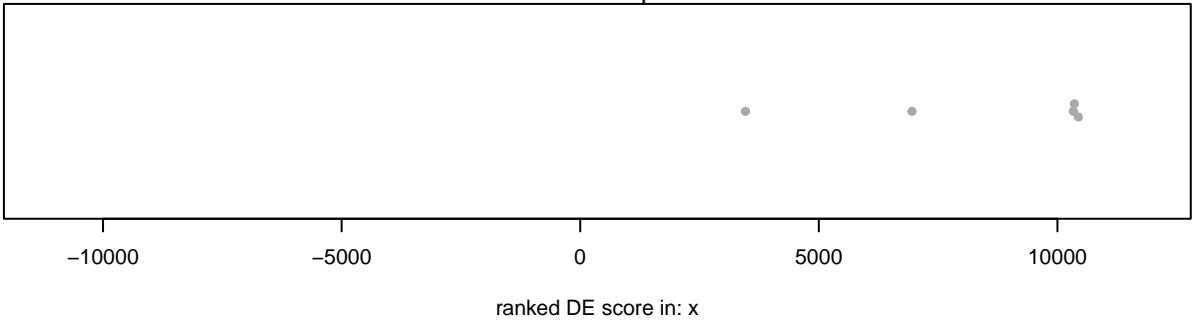


rugplot

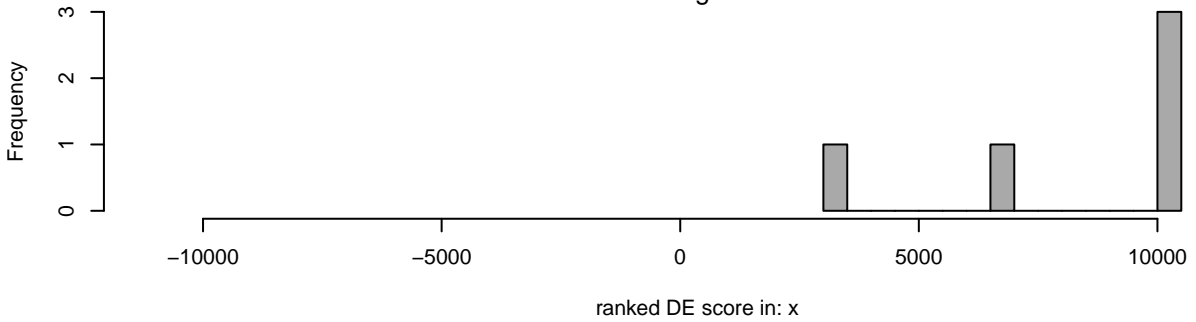


# RBMX TARGET GENES

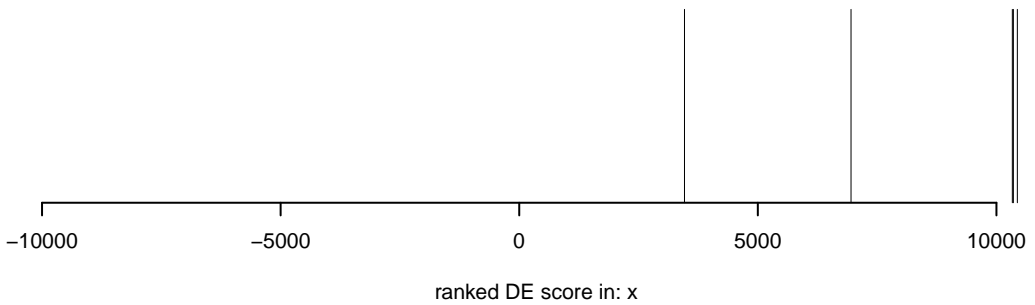
beeswarm plot



histogram

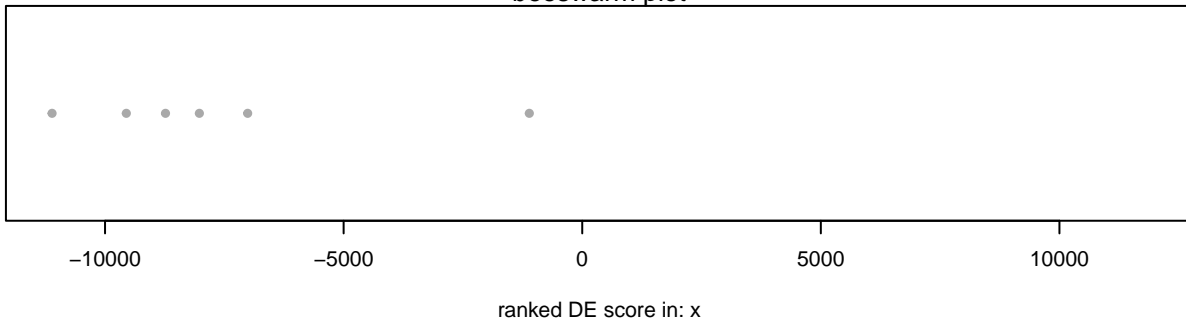


rugplot

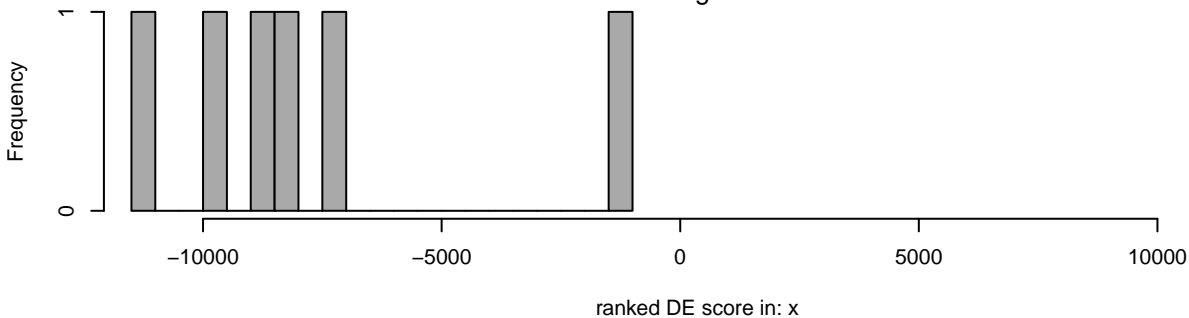


# ZNF544 TARGET GENES

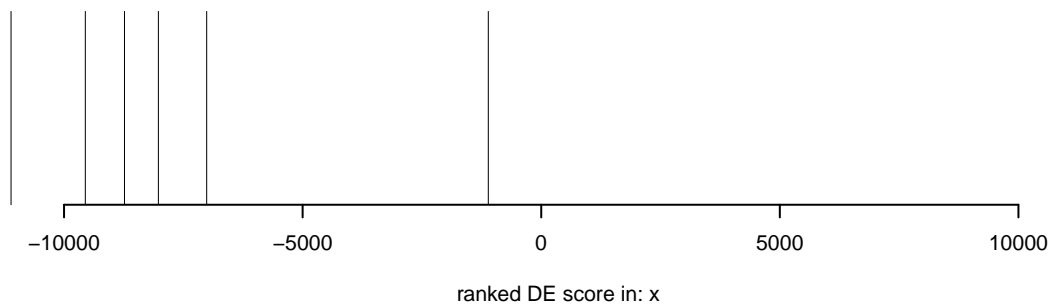
beeswarm plot



histogram

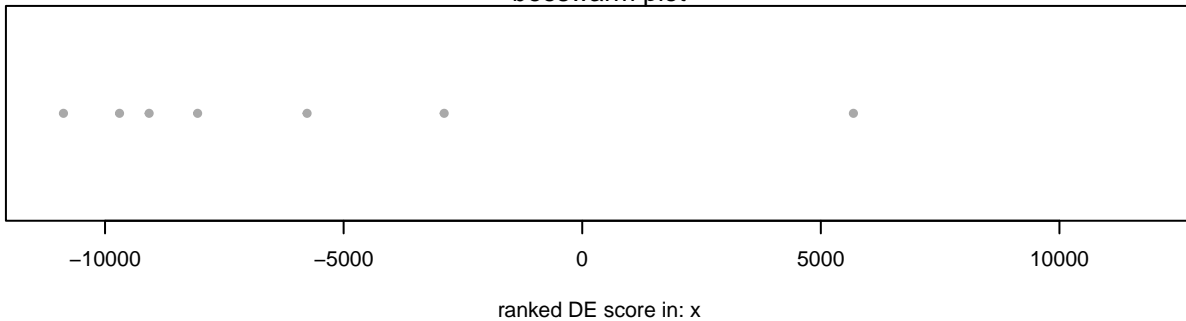


rugplot

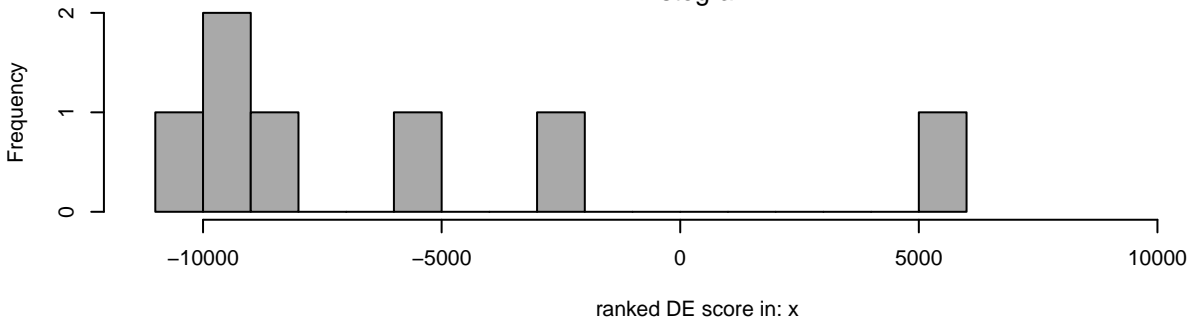


# ZNF445 TARGET GENES

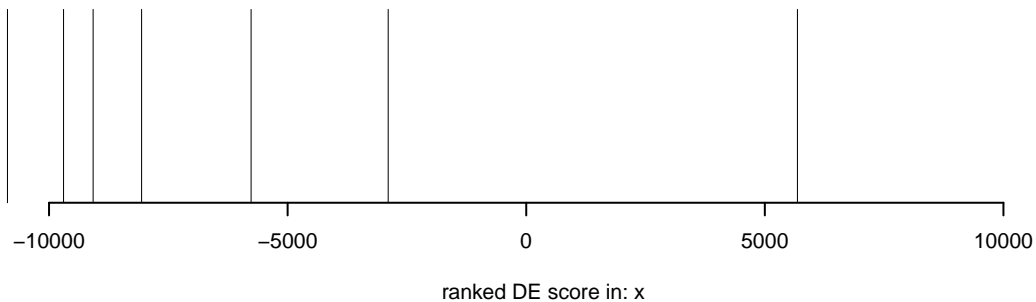
beeswarm plot



histogram

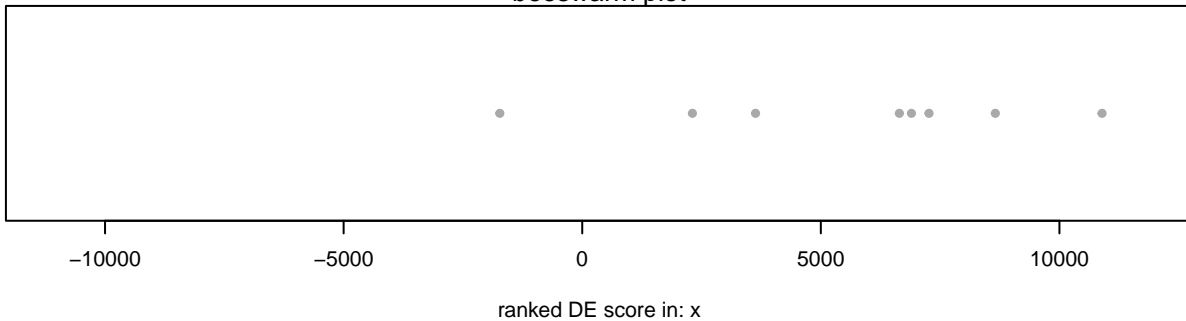


rugplot

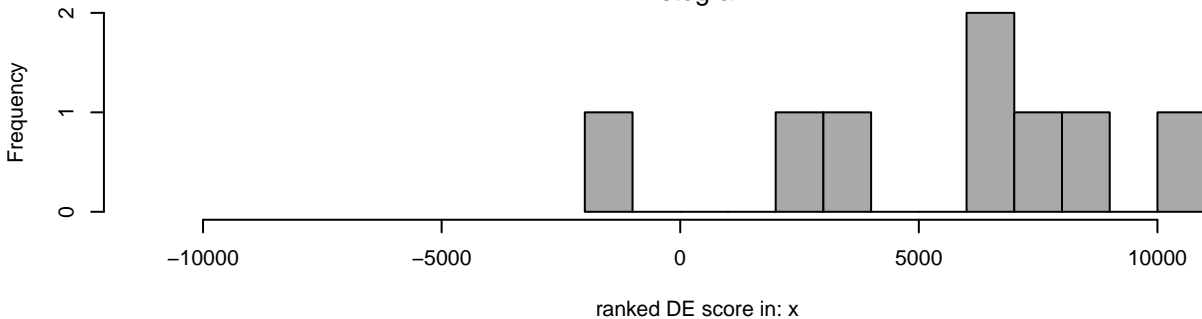


# MAP2K1 TARGET GENES

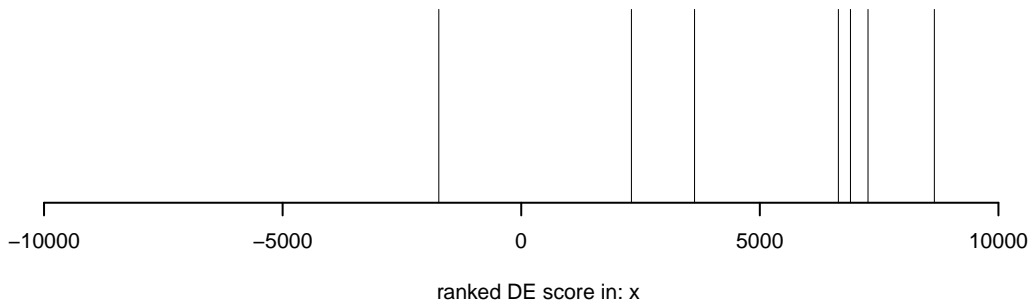
beeswarm plot



histogram



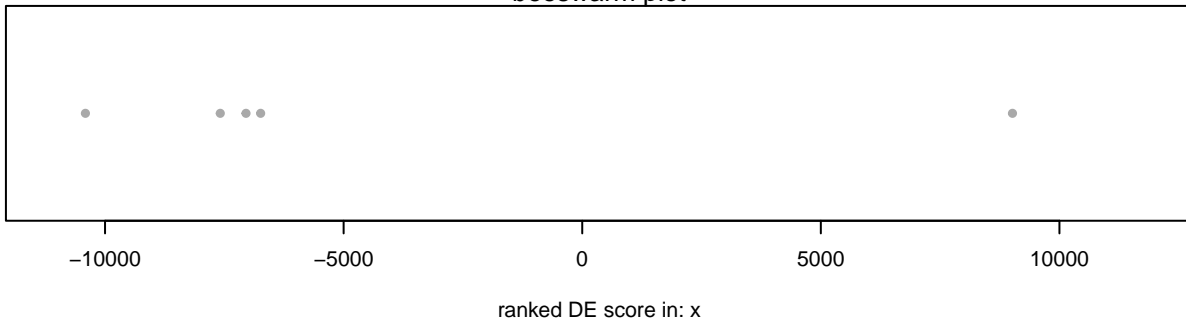
rugplot



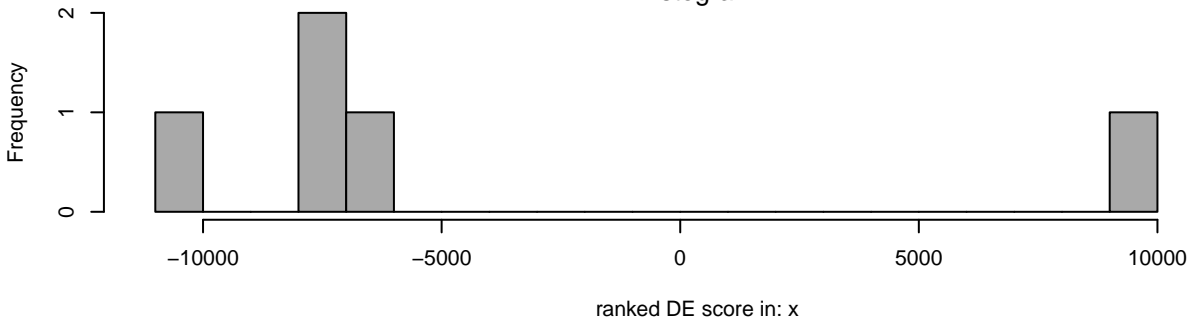


# ZNF416 TARGET GENES

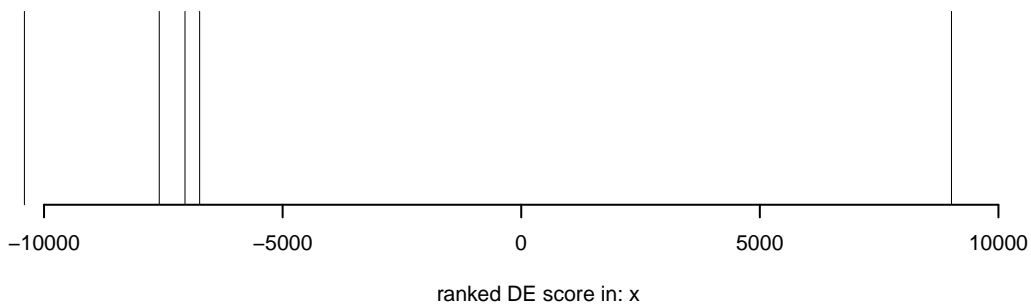
beeswarm plot



histogram

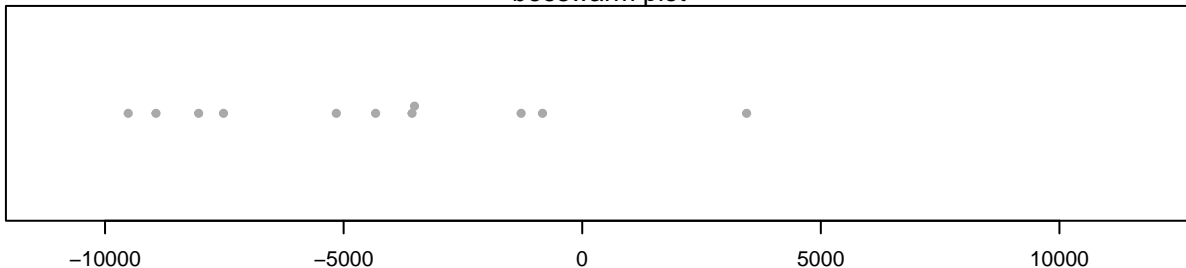


rugplot



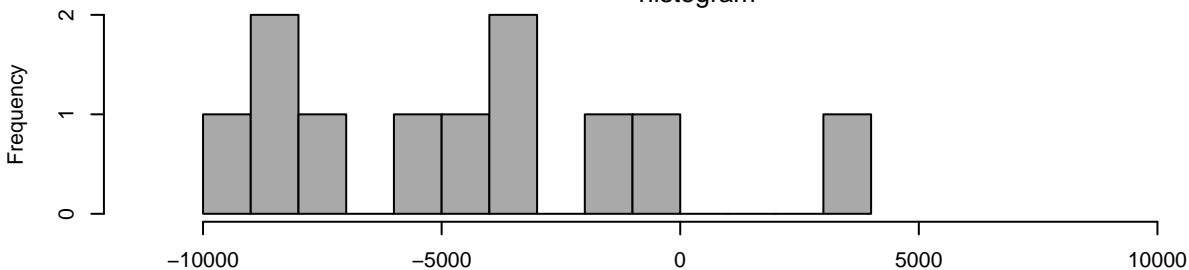
# ZNF454 TARGET GENES

beeswarm plot



ranked DE score in: x

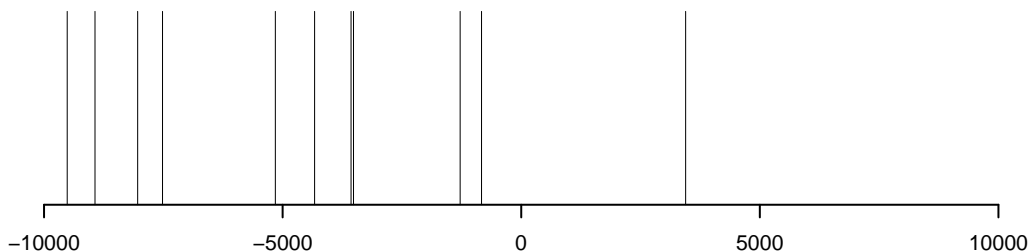
histogram



Frequency

ranked DE score in: x

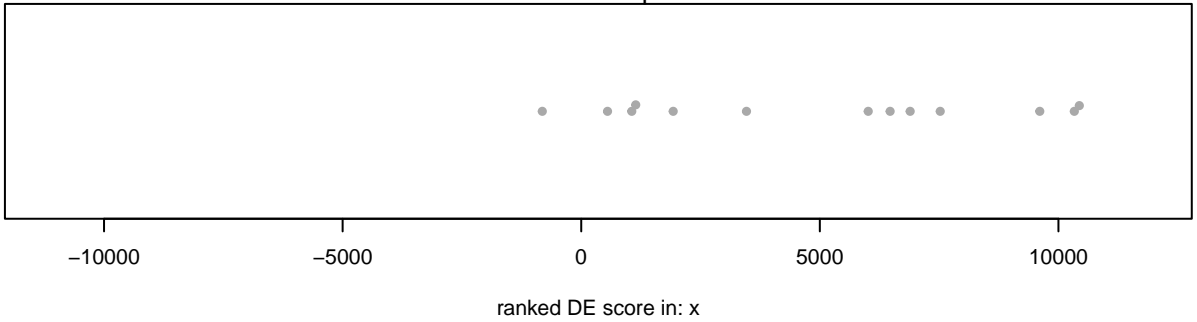
rugplot



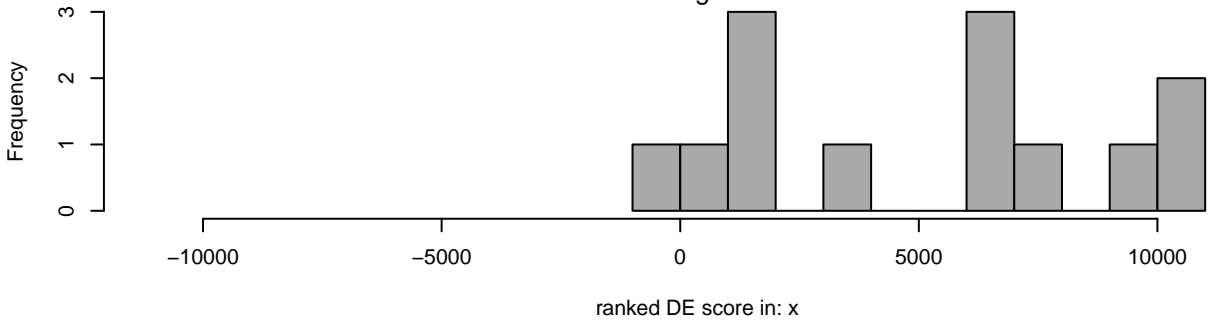
ranked DE score in: x

# SIGMAR1 TARGET GENES

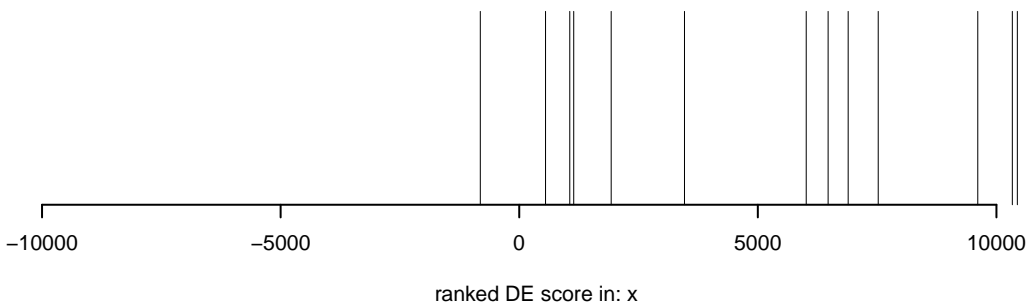
beeswarm plot



histogram

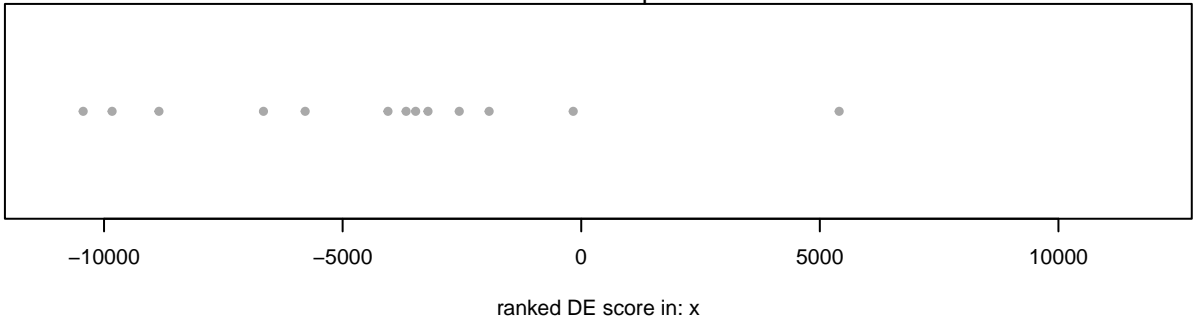


rugplot

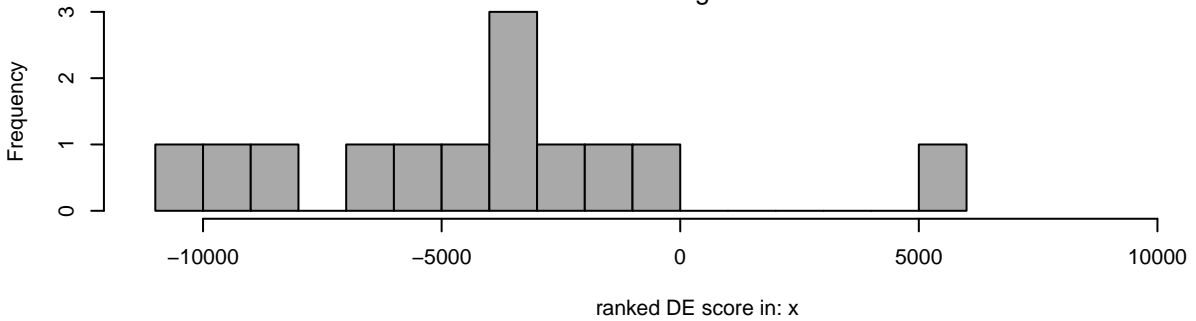


# MYF6 TARGET GENES

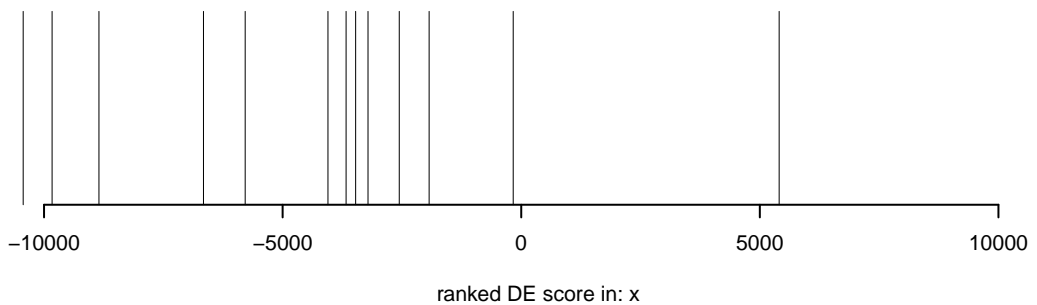
beeswarm plot



histogram

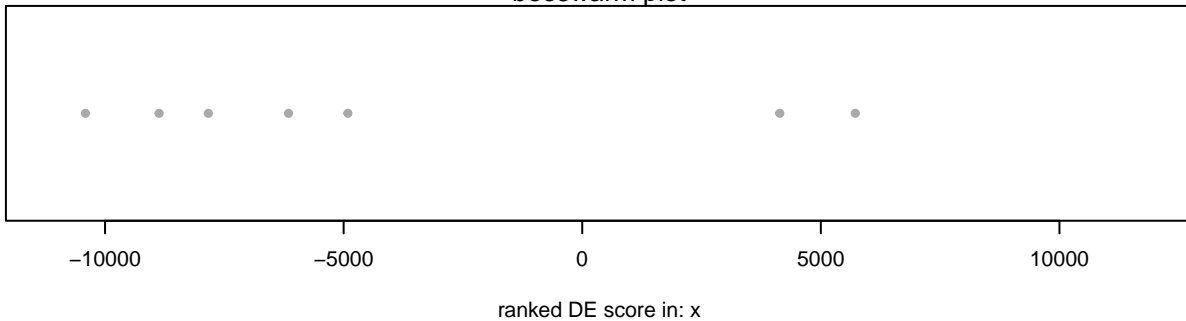


rugplot

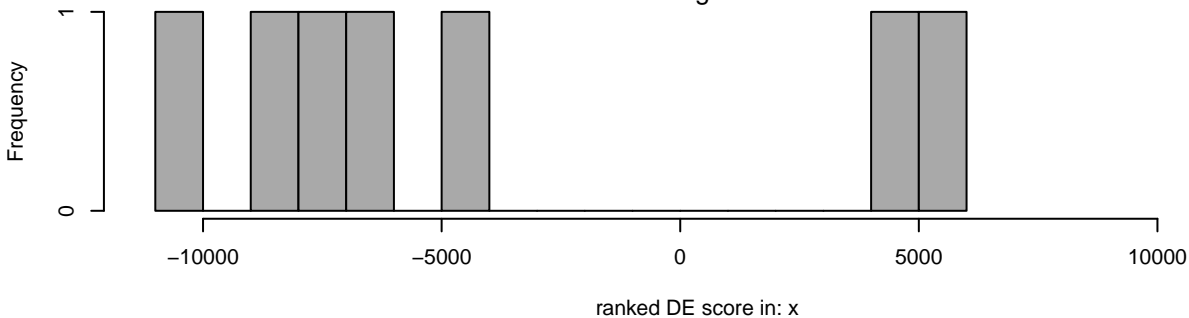


# ZNF493 TARGET GENES

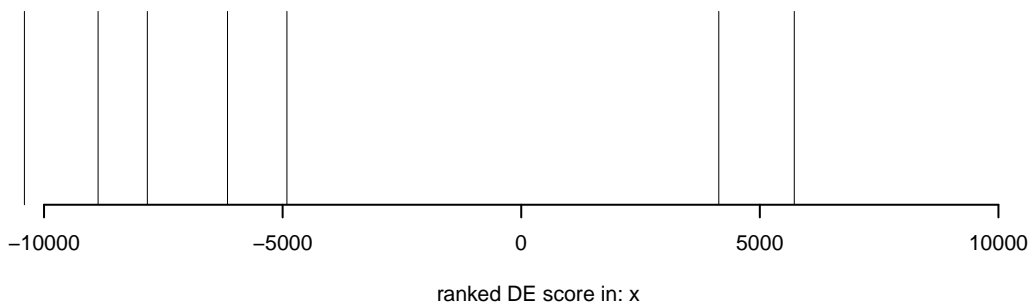
beeswarm plot



histogram

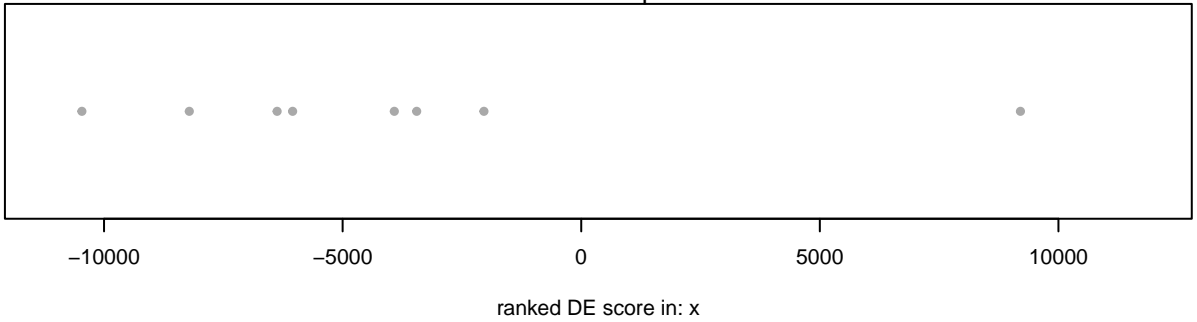


rugplot

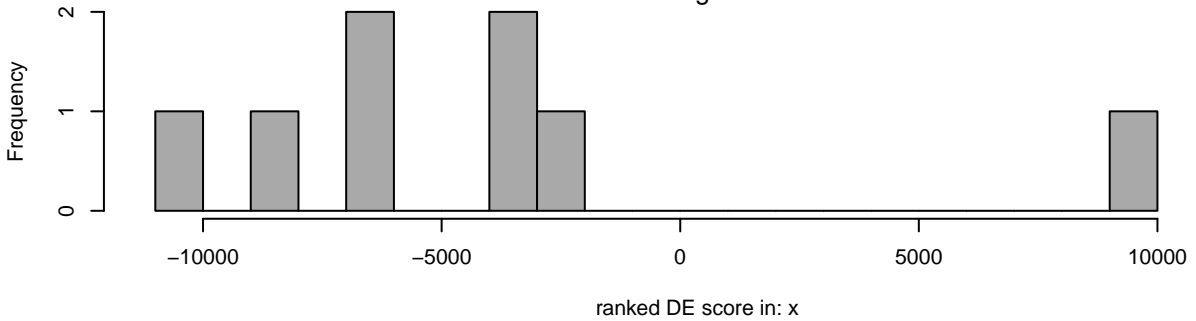


# ADCYAP1 TARGET GENES

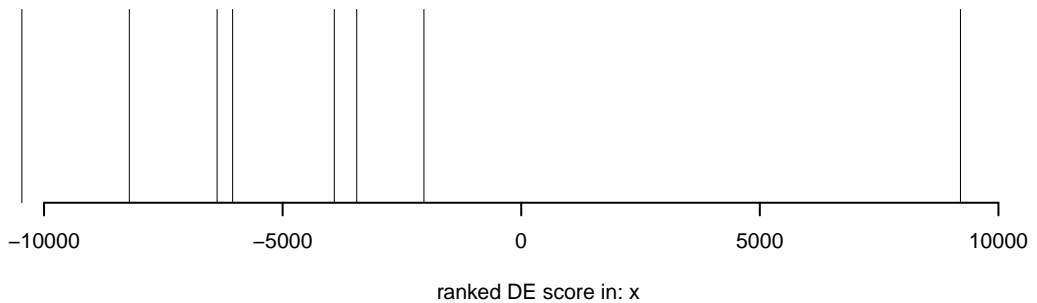
beeswarm plot



histogram

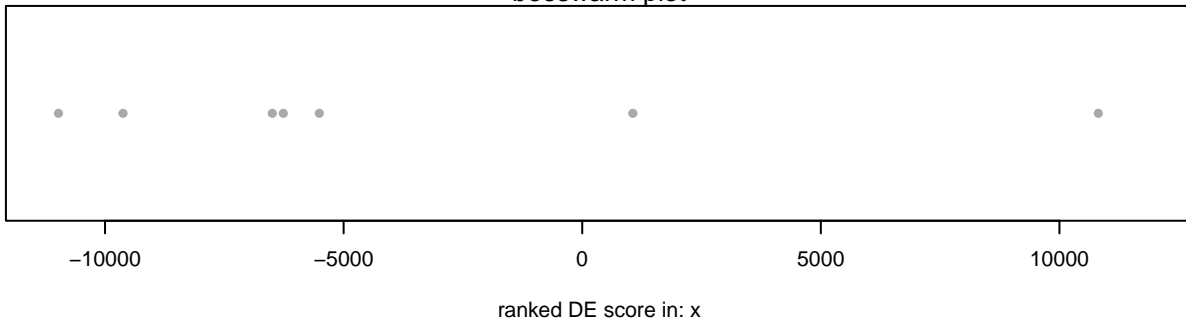


rugplot

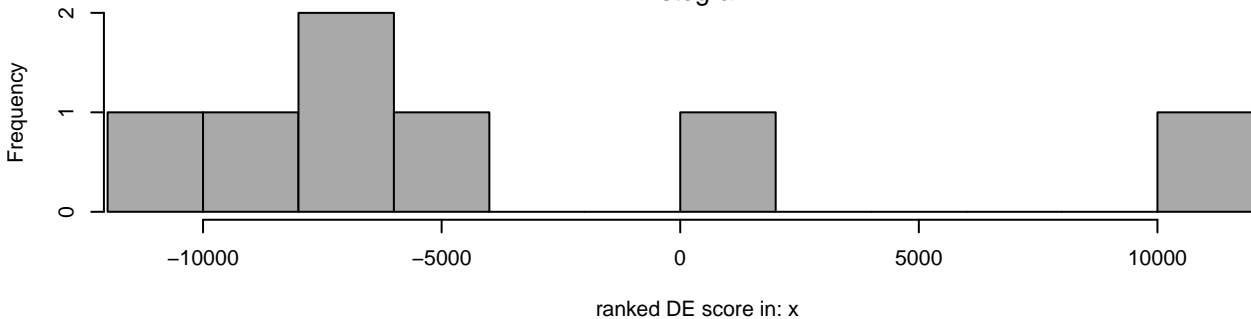


# FOXF2 TARGET GENES

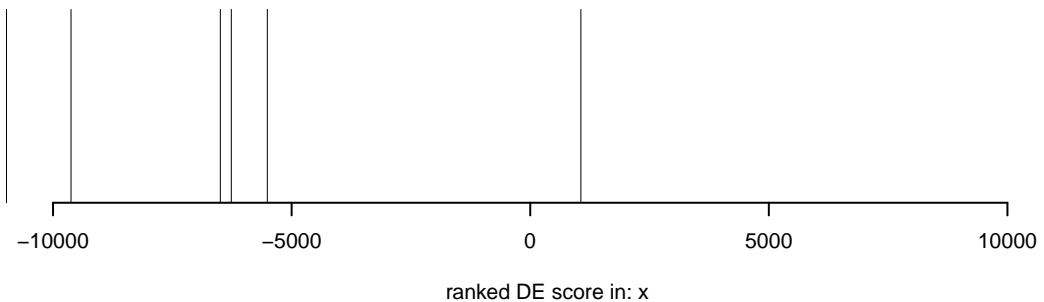
beeswarm plot



histogram

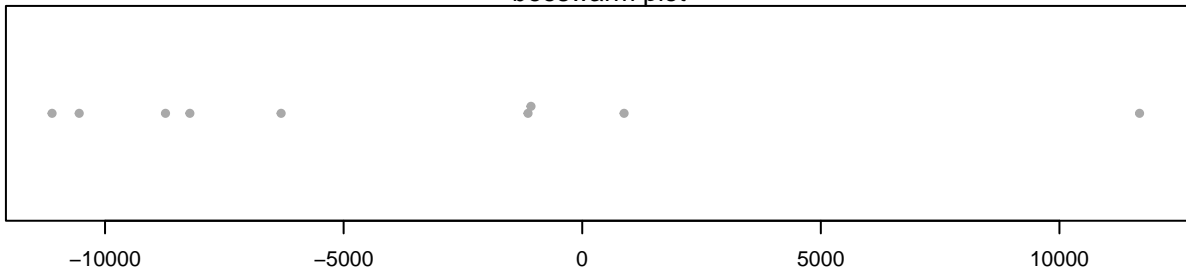


rugplot



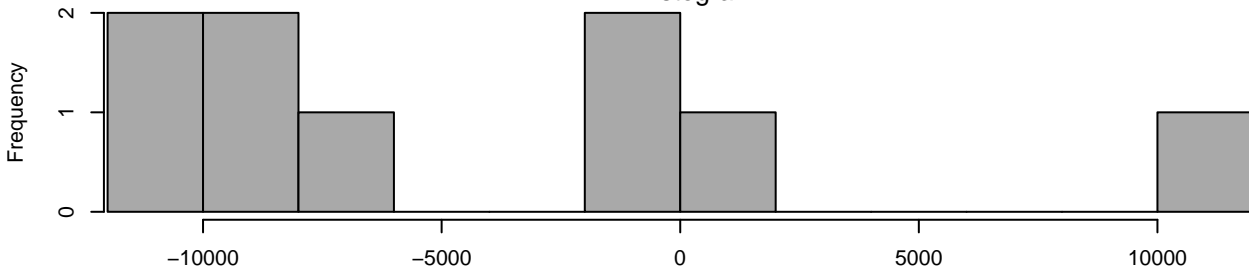
# ZNF491 TARGET GENES

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

rugplot

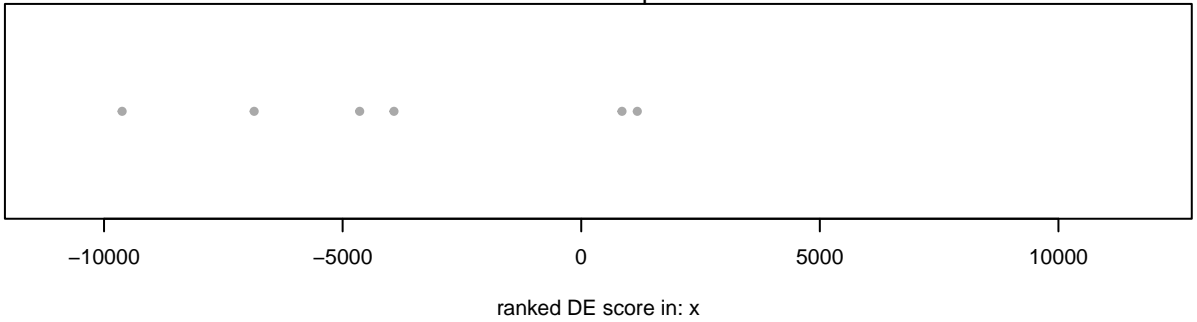


ranked DE score in: x

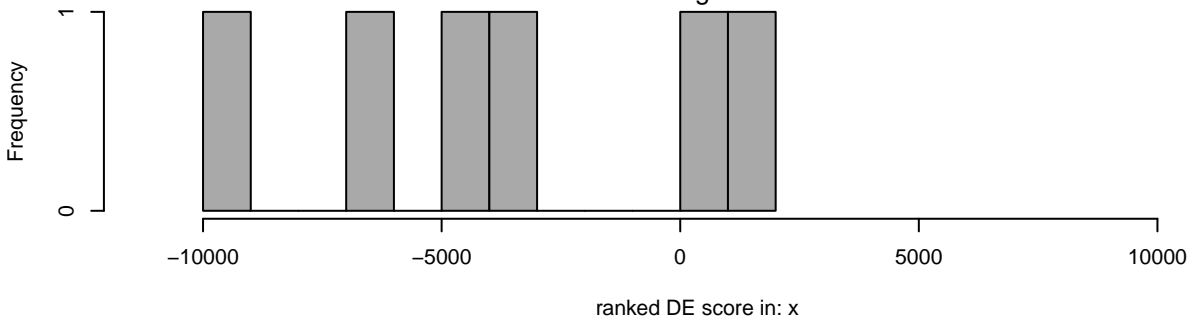


# TUBG1 TARGET GENES

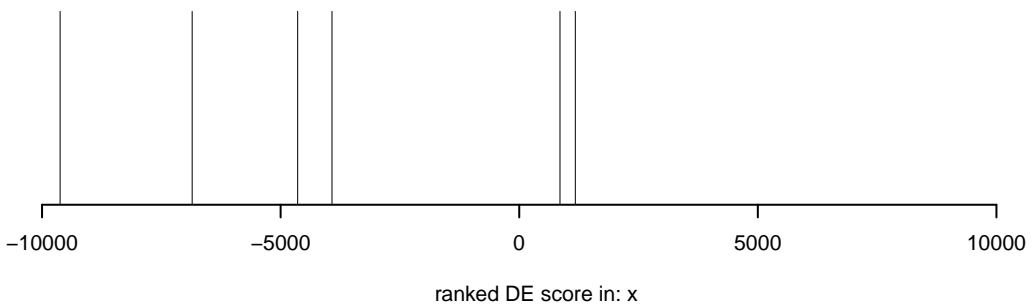
beeswarm plot



histogram

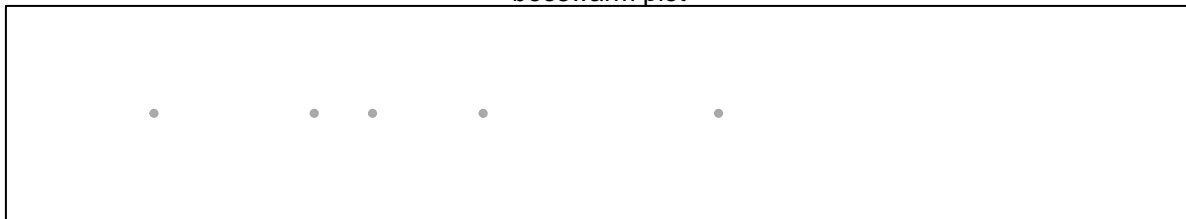


rugplot



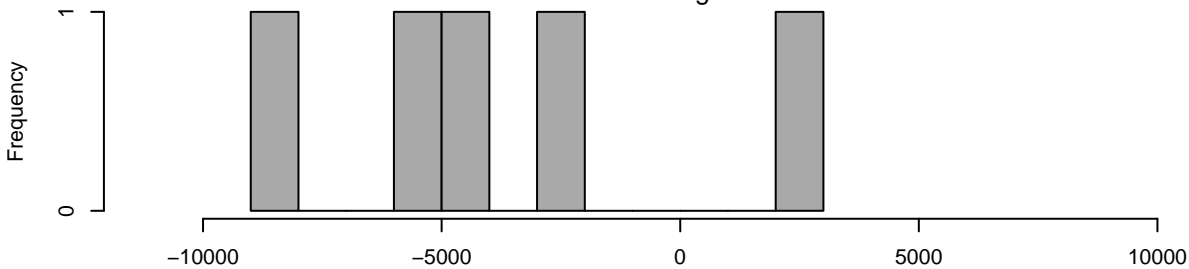
# LHX4 TARGET GENES

beeswarm plot



ranked DE score in: x

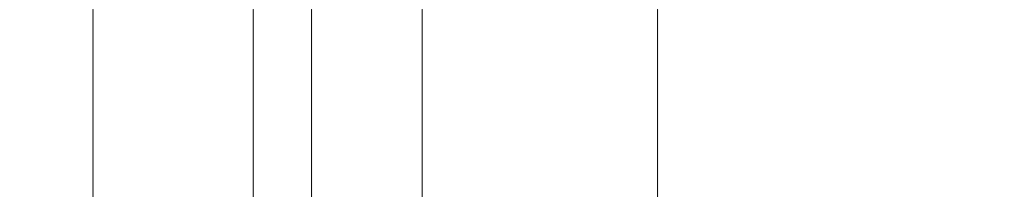
histogram



Frequency

ranked DE score in: x

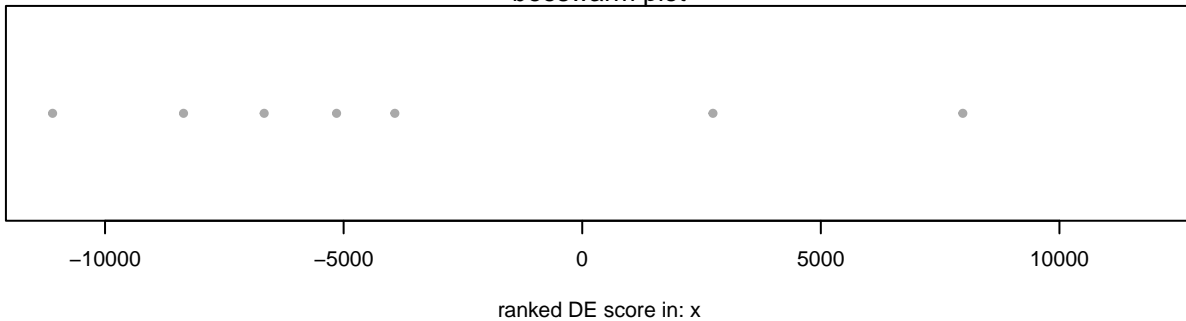
rugplot



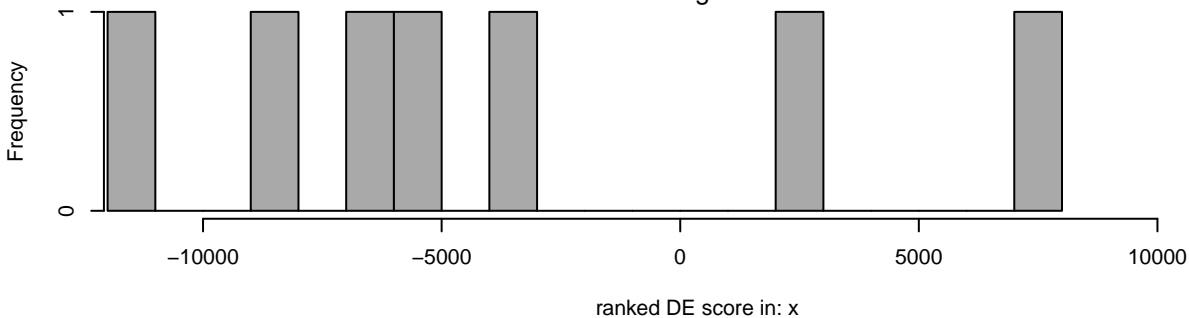
ranked DE score in: x

# HMCS TARGET GENES

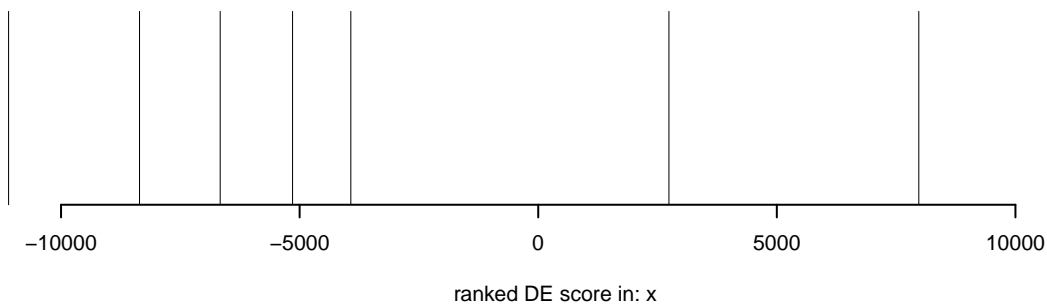
beeswarm plot



histogram

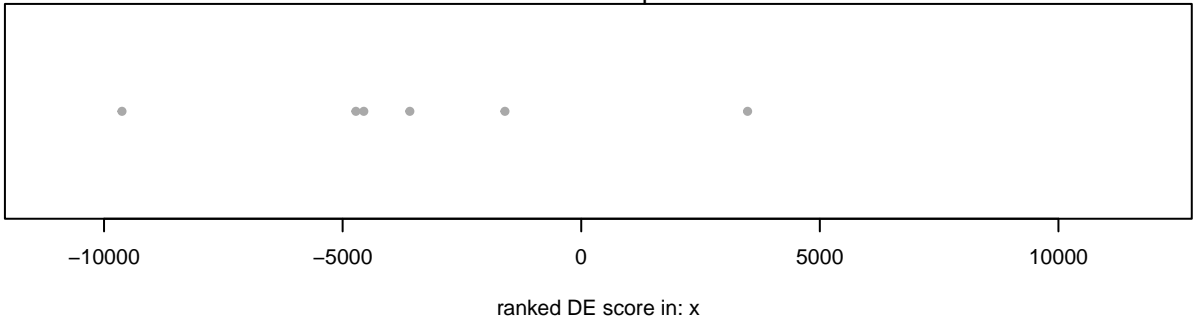


rugplot

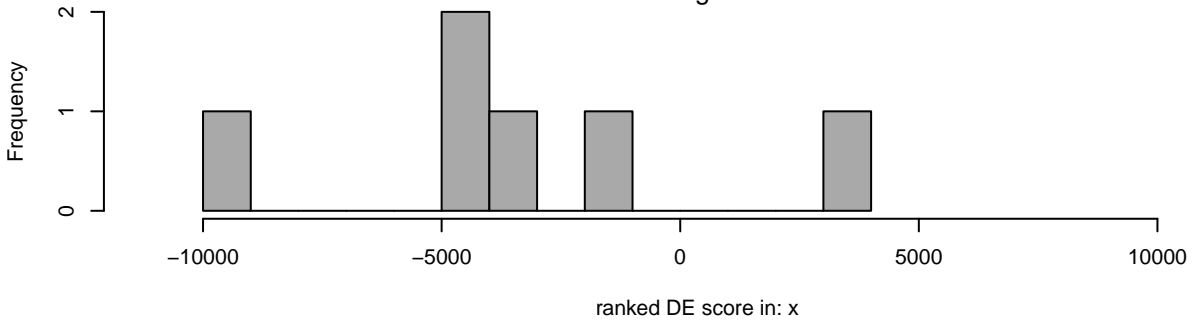


# MCM5 TARGET GENES

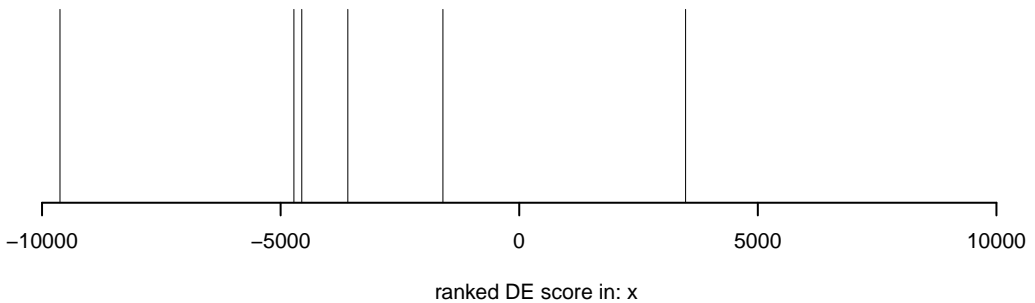
beeswarm plot



histogram

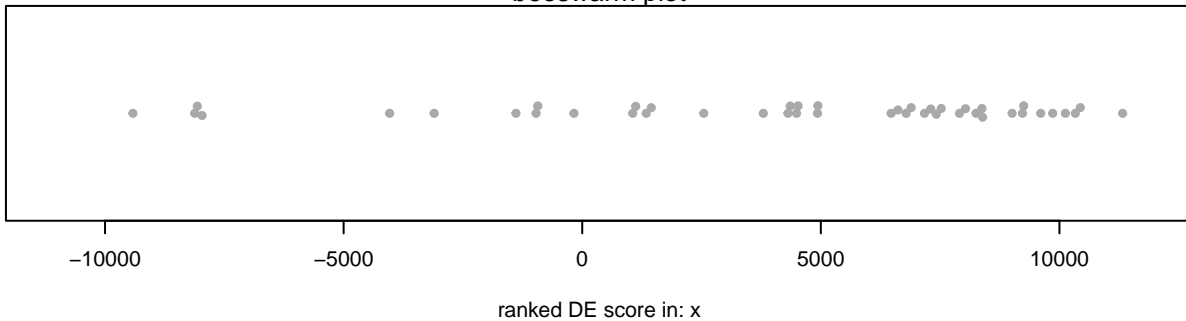


rugplot

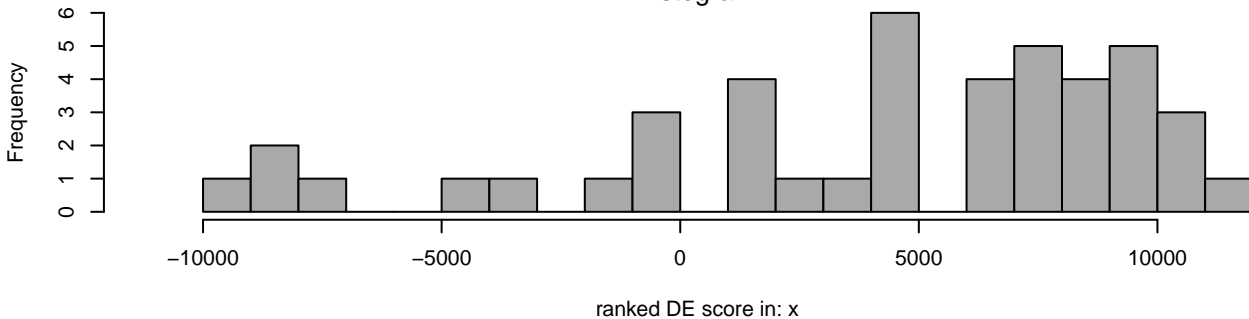


# ASXL2 TARGET GENES

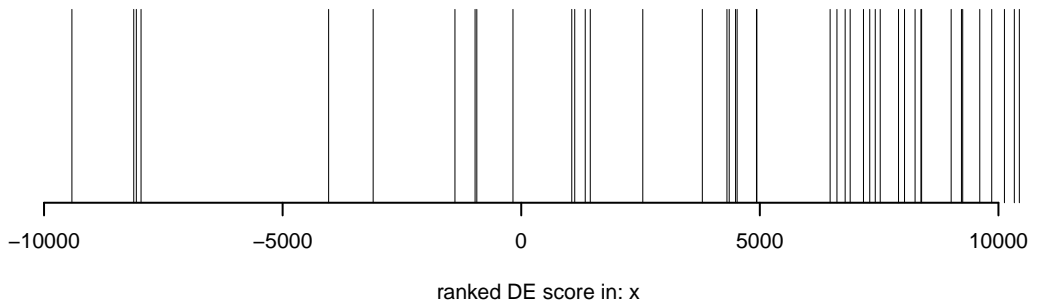
beeswarm plot



histogram

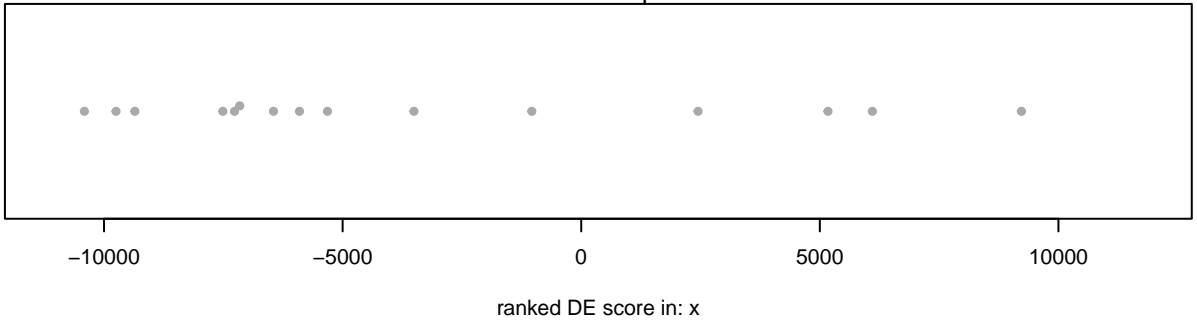


rugplot

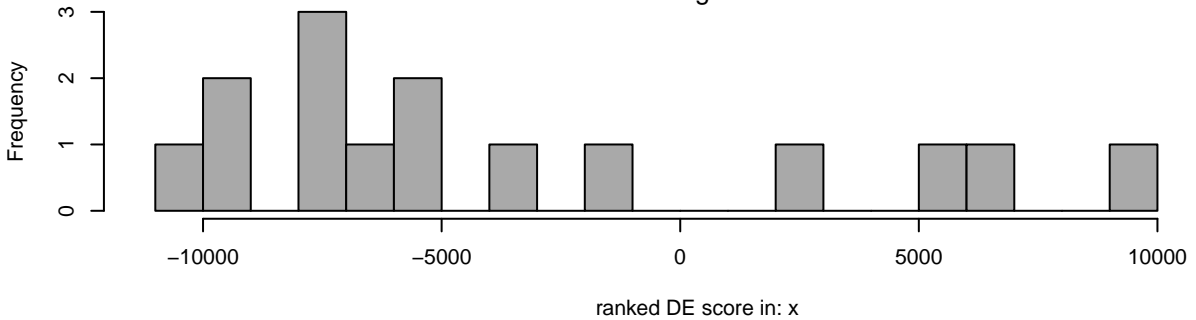


# ZNF23 TARGET GENES

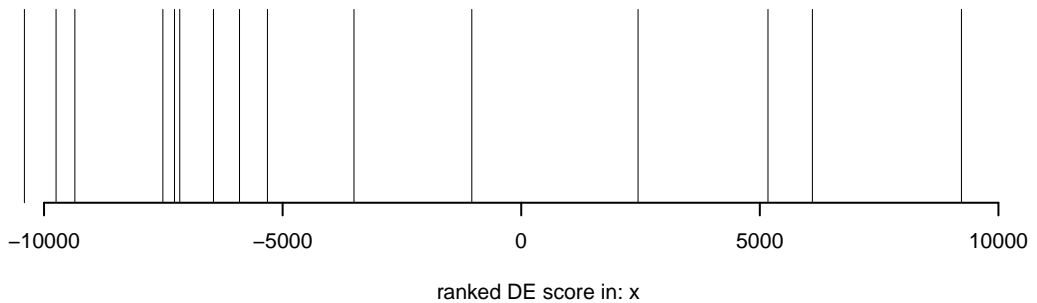
beeswarm plot



histogram

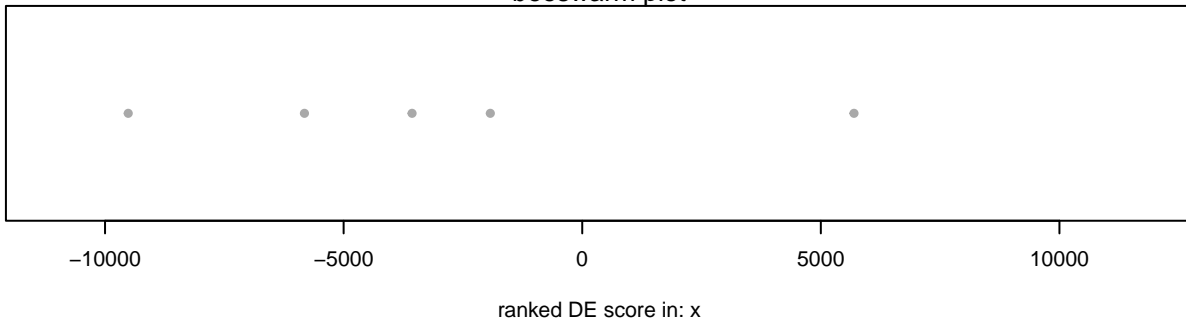


rugplot

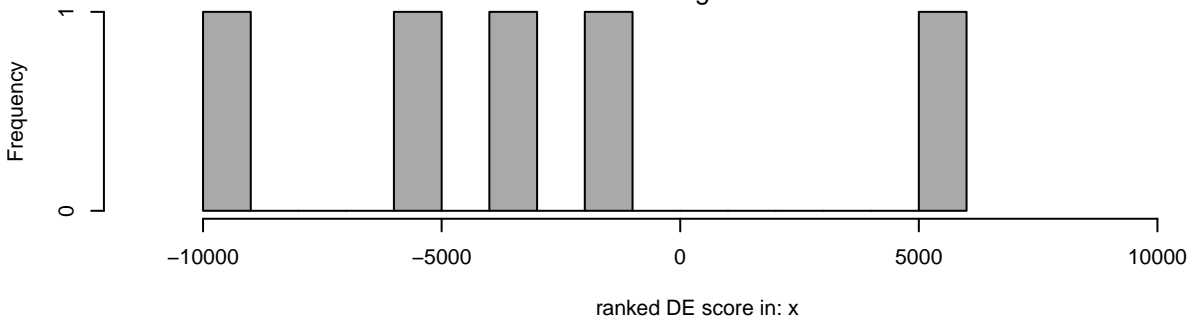


# ZNF419 TARGET GENES

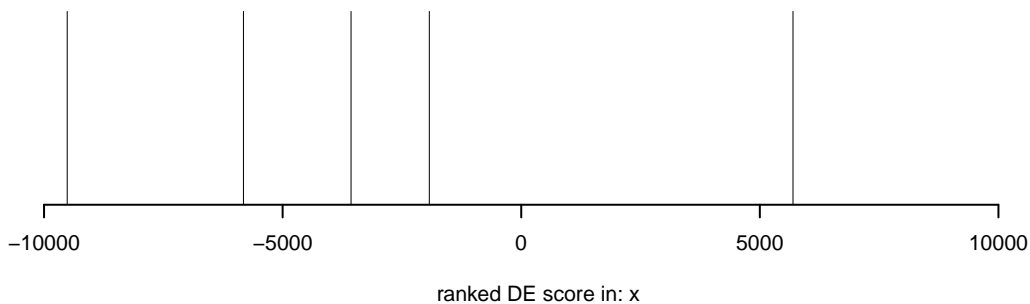
beeswarm plot



histogram

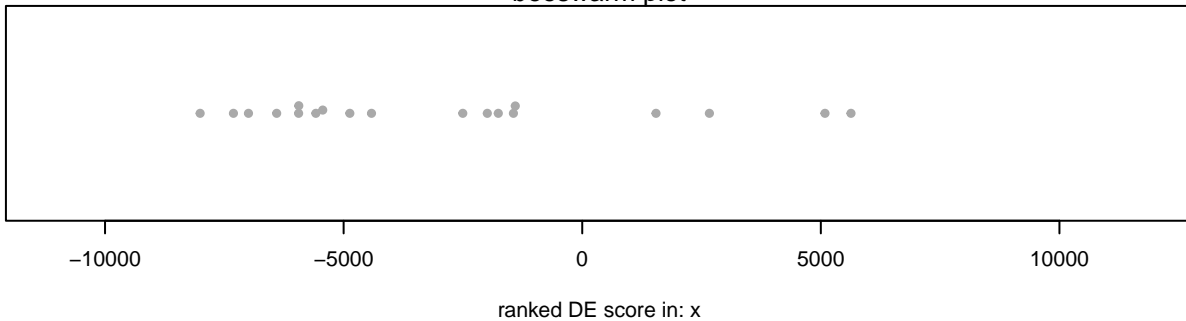


rugplot

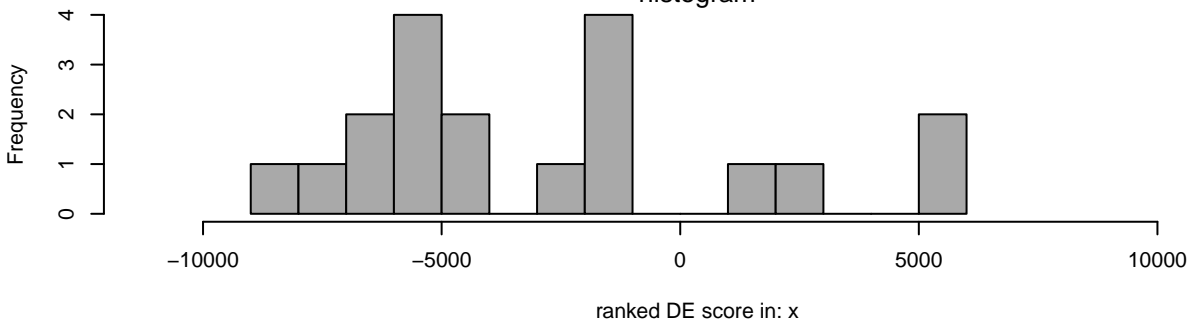


# ILK TARGET GENES

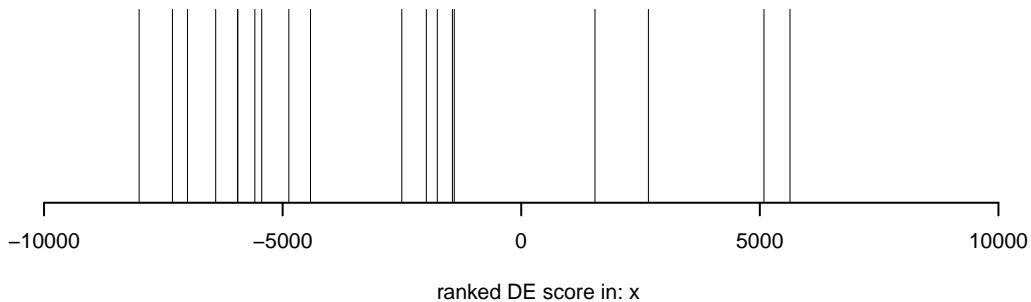
beeswarm plot



histogram



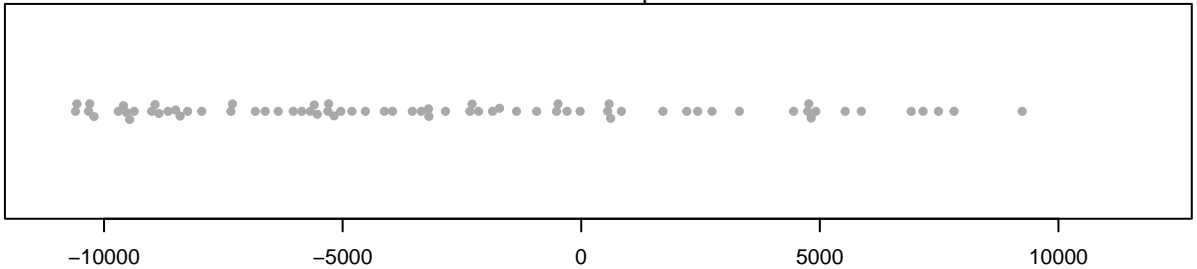
rugplot





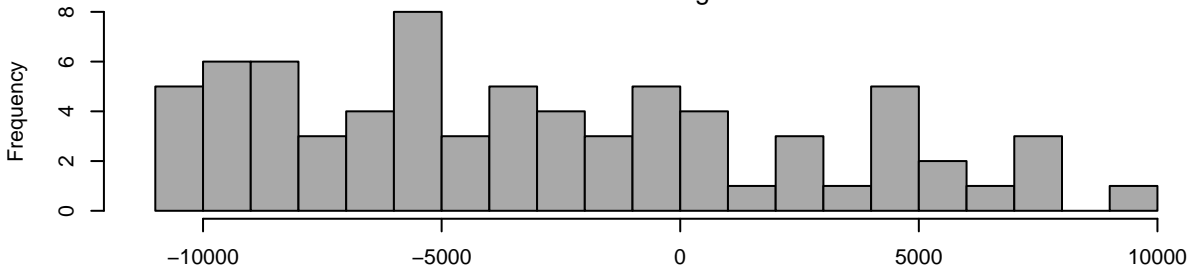
# ZNF16 TARGET GENES

beeswarm plot



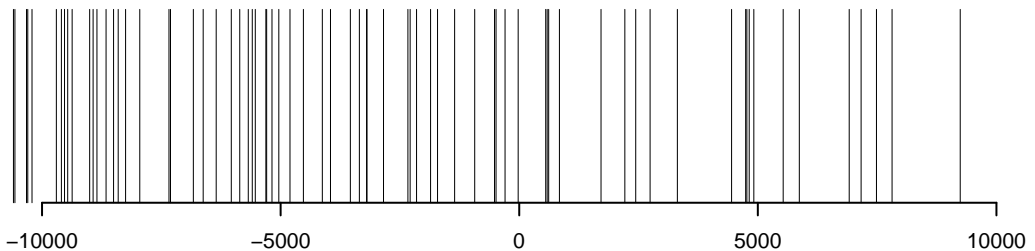
ranked DE score in: x

histogram



ranked DE score in: x

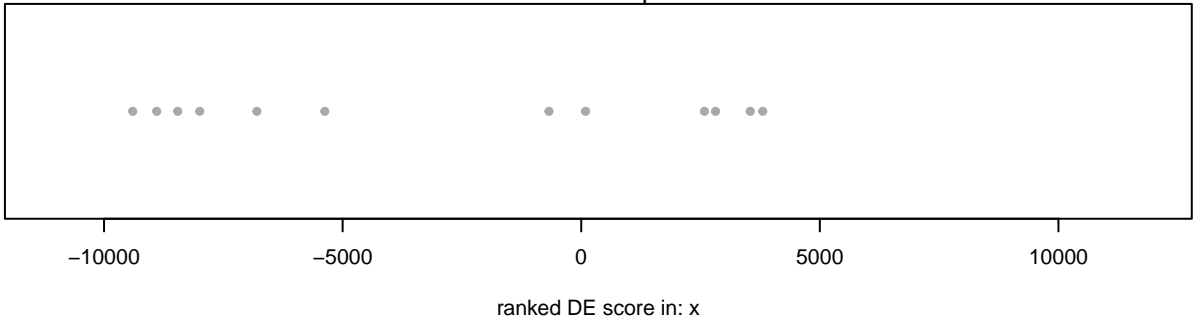
rugplot



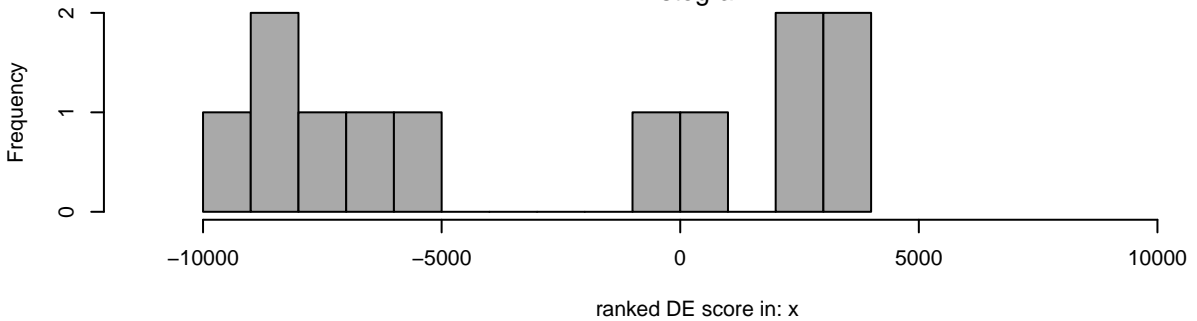
ranked DE score in: x

# GTF3A TARGET GENES

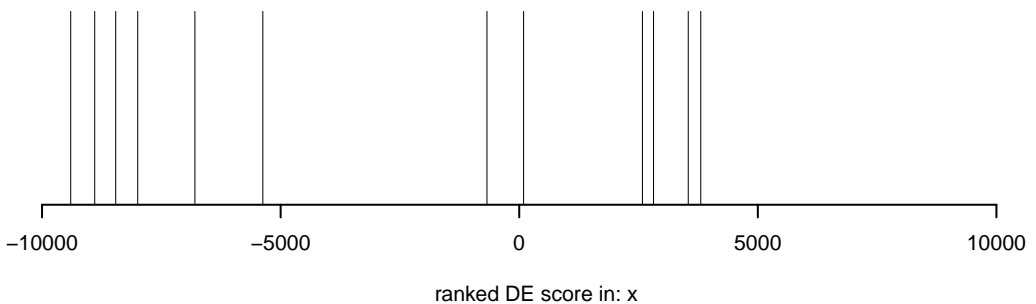
beeswarm plot



histogram

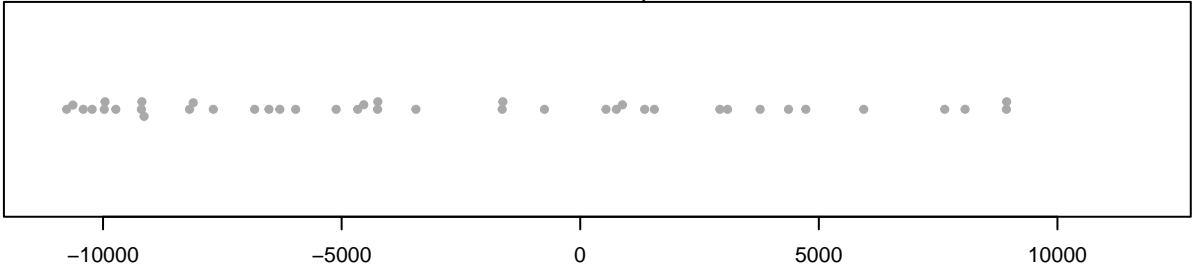


rugplot



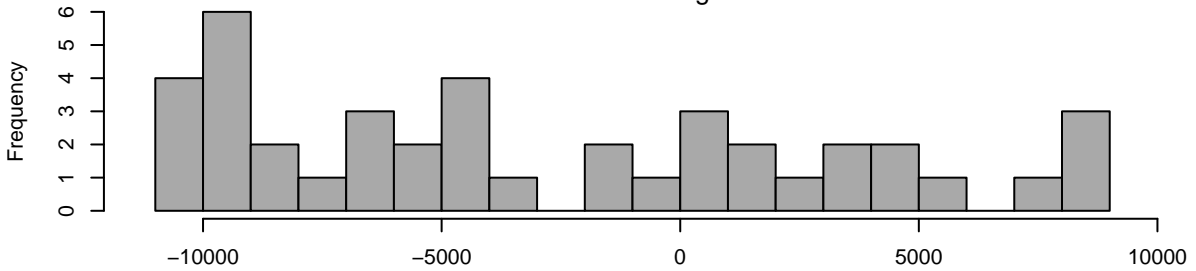
# SIX4 TARGET GENES

beeswarm plot



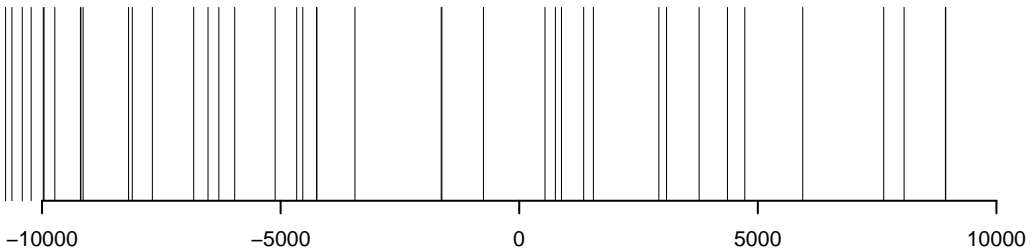
ranked DE score in: x

histogram



ranked DE score in: x

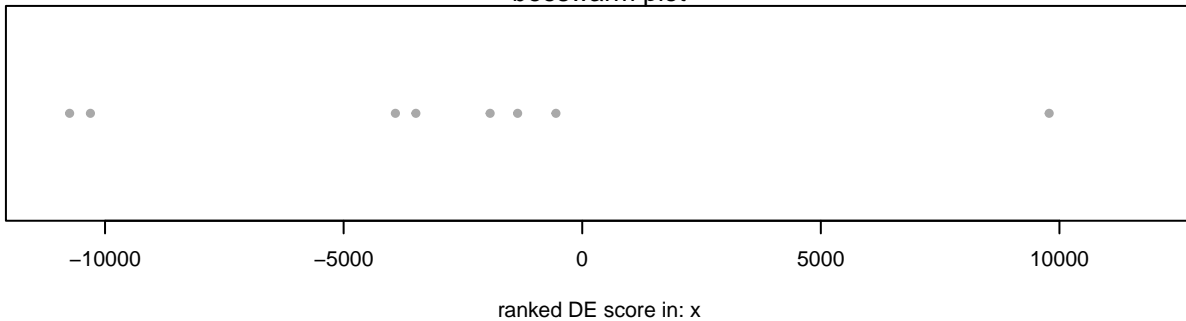
rugplot



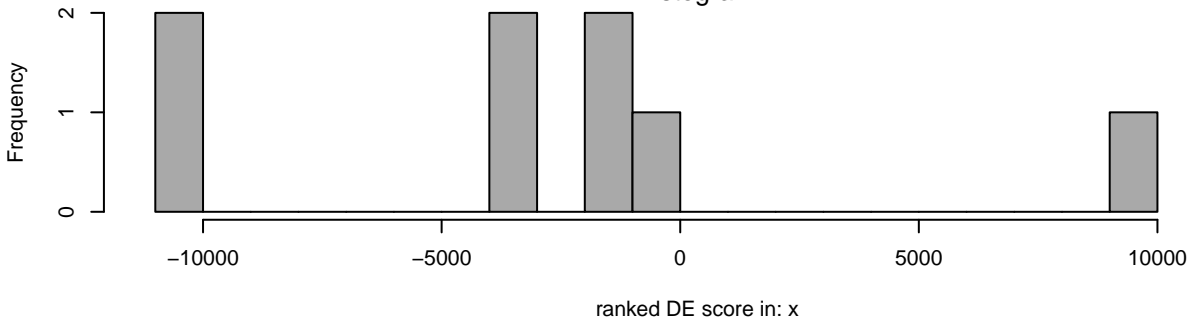
ranked DE score in: x

# CREBL2 TARGET GENES

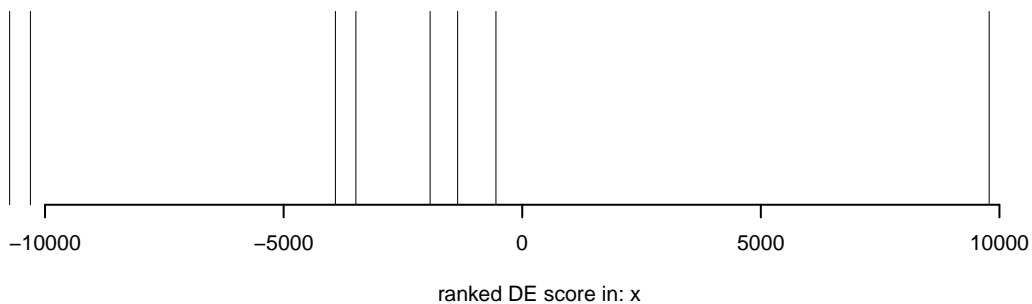
beeswarm plot



histogram

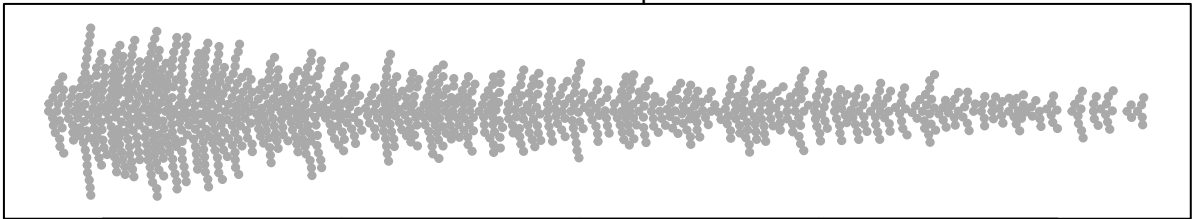


rugplot



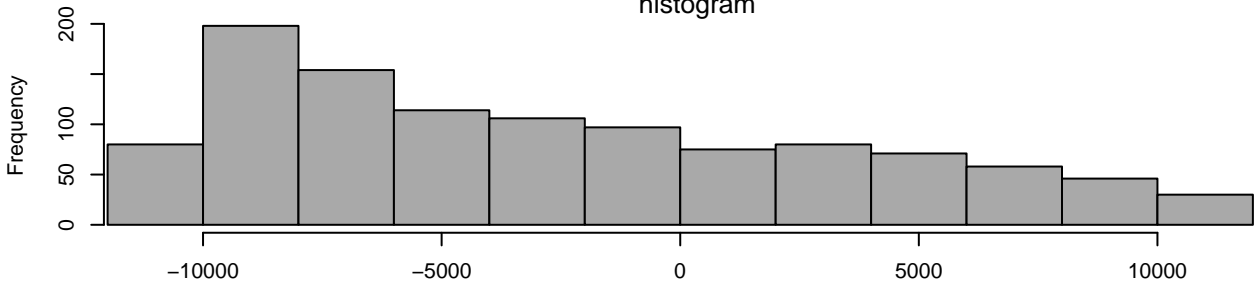
# NFKBIA TARGET GENES

beeswarm plot



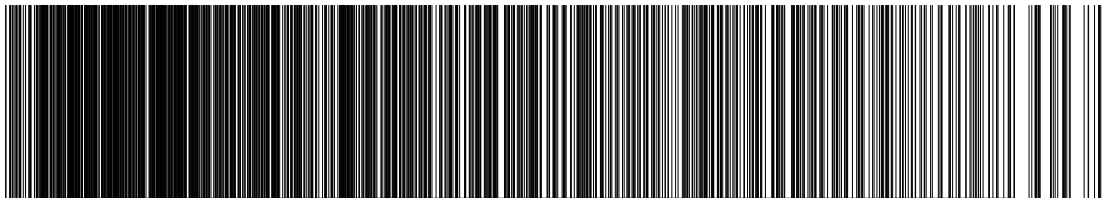
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



-10000

-5000

0

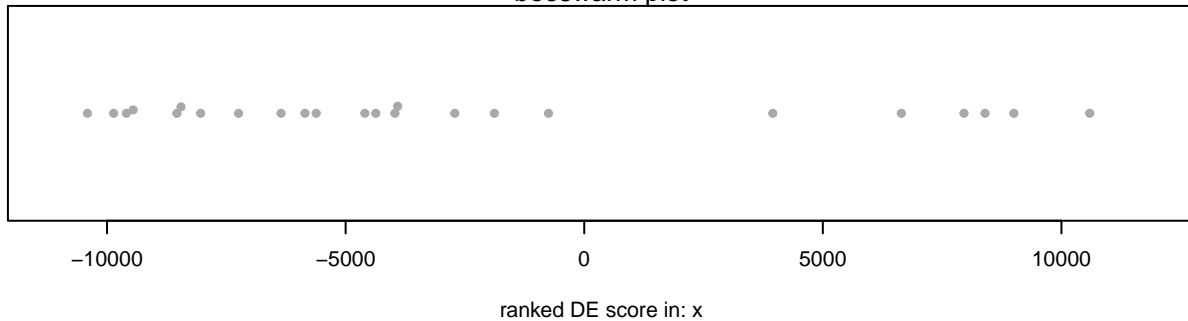
5000

10000

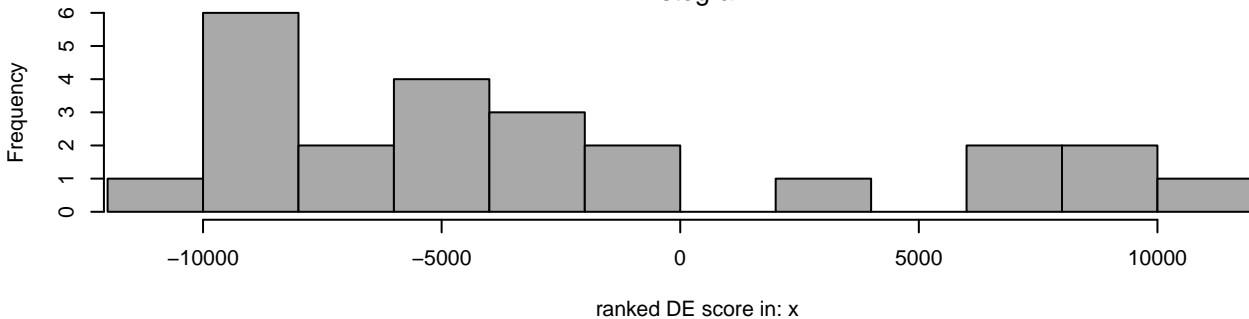
ranked DE score in: x

# THRAP3 TARGET GENES

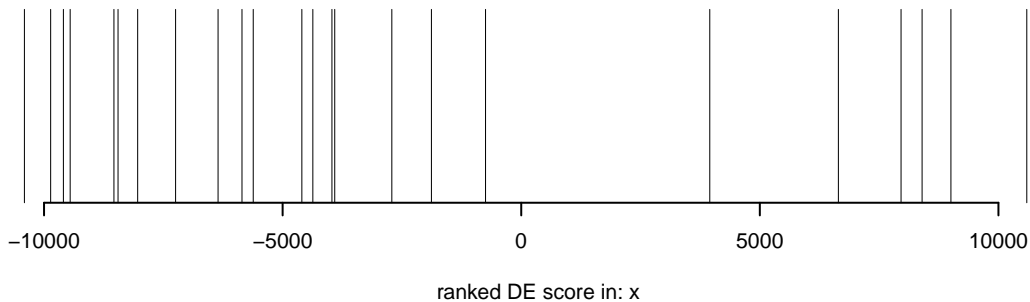
beeswarm plot



histogram

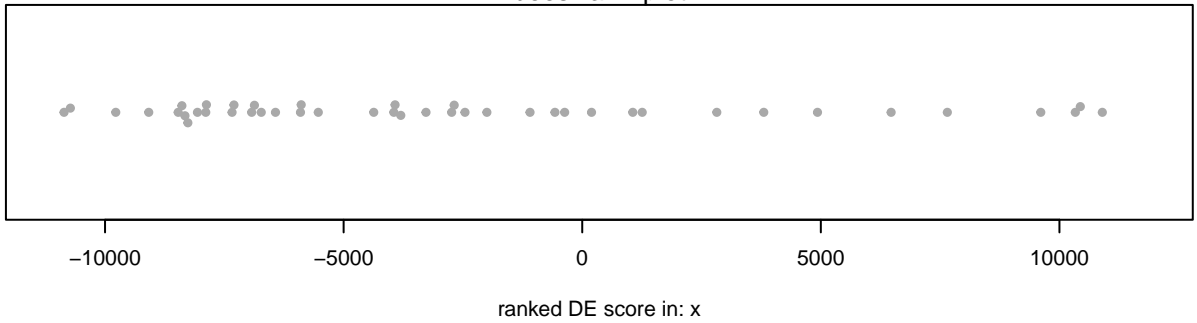


rugplot

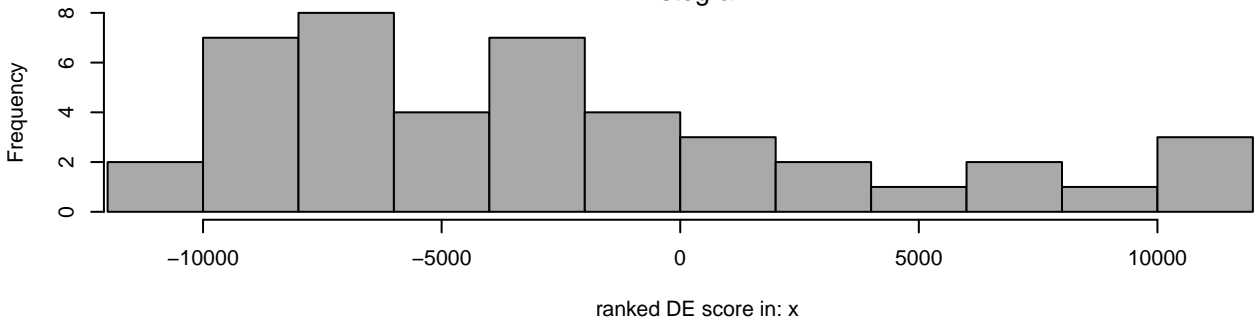


# ATOH8 TARGET GENES

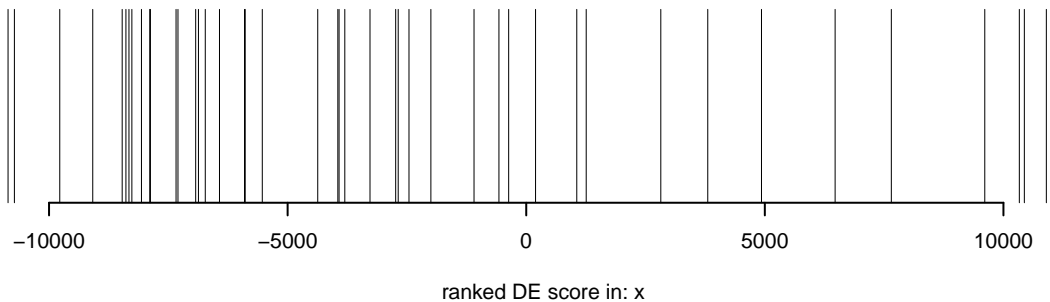
beeswarm plot



histogram

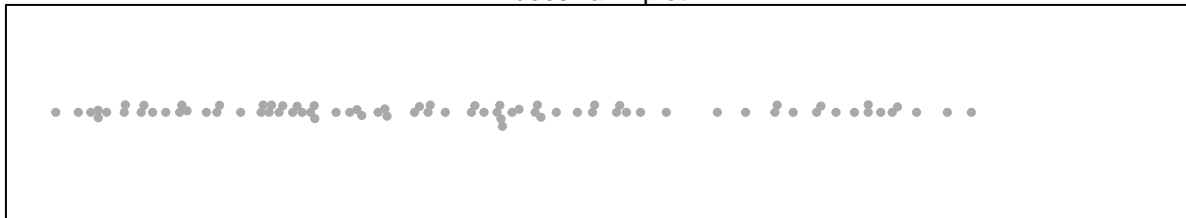


rugplot



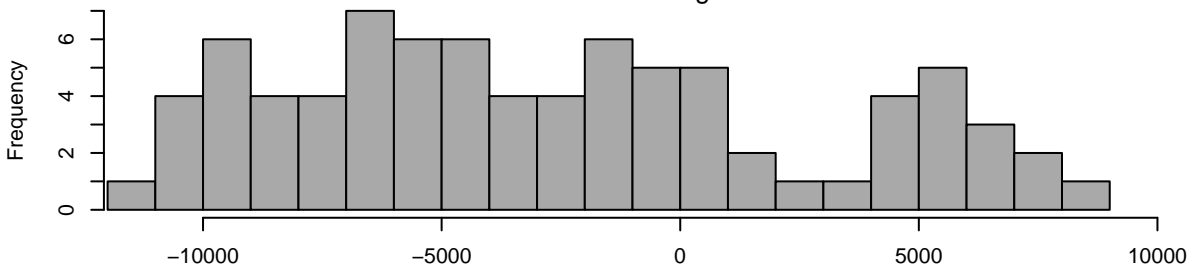
# MCM2 TARGET GENES

beeswarm plot



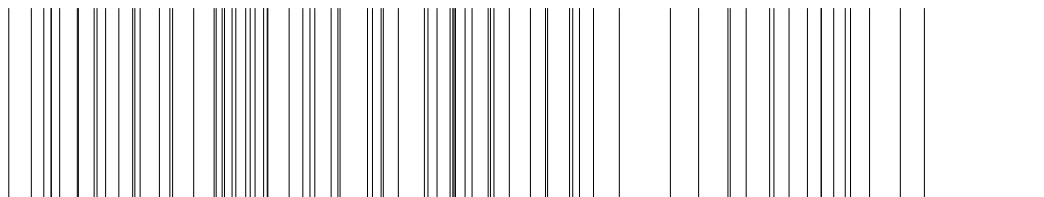
ranked DE score in: x

histogram



ranked DE score in: x

rugplot

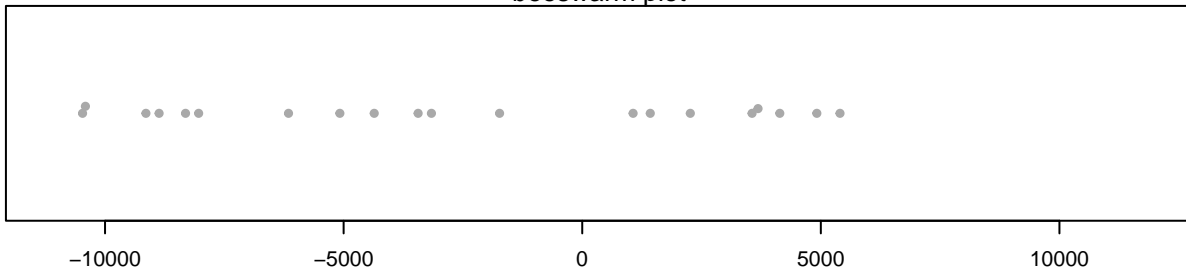


ranked DE score in: x



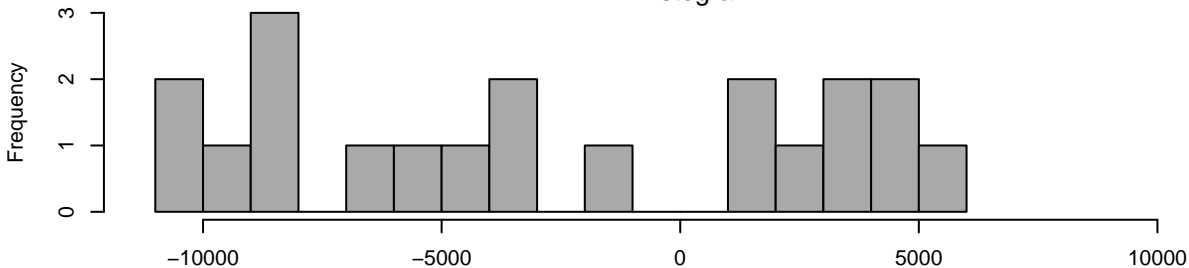
# ZNF404 TARGET GENES

beeswarm plot



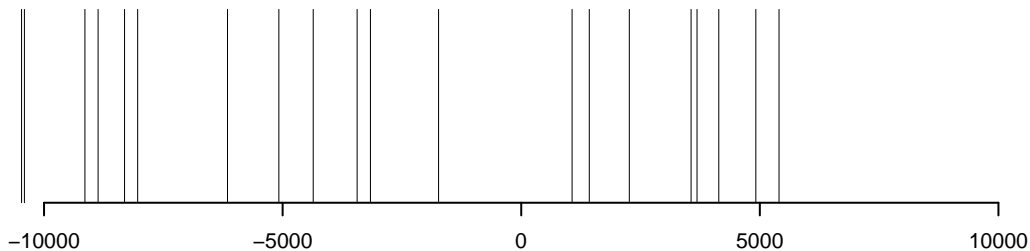
ranked DE score in: x

histogram



ranked DE score in: x

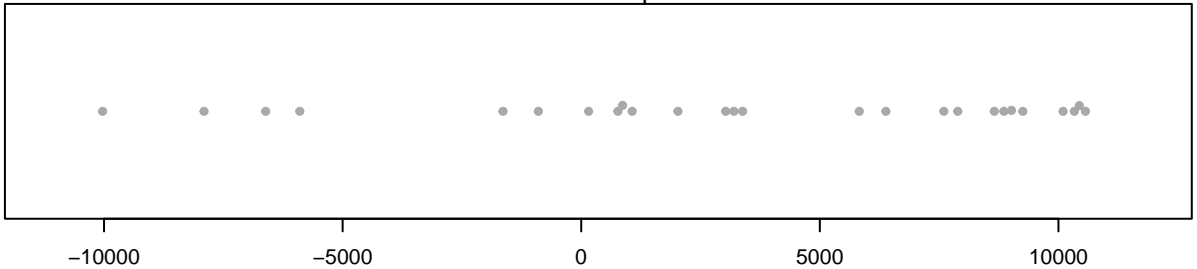
rugplot



ranked DE score in: x

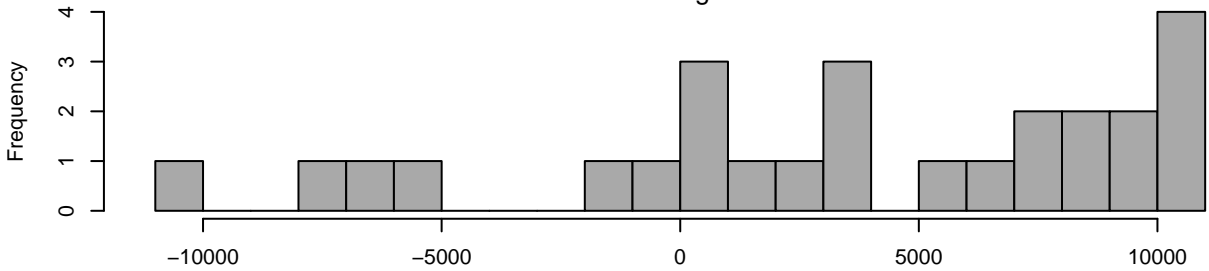
# LMX1B TARGET GENES

beeswarm plot



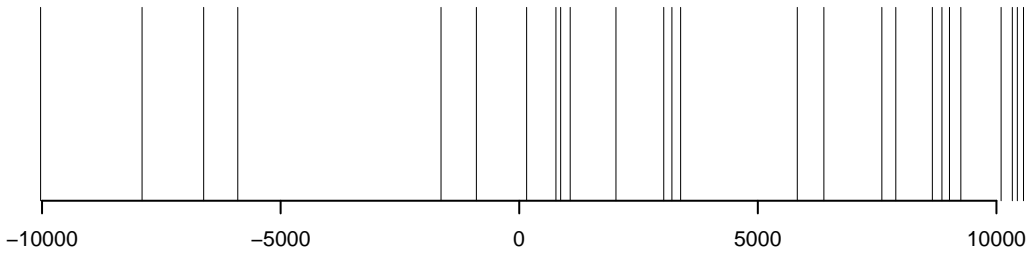
ranked DE score in: x

histogram



ranked DE score in: x

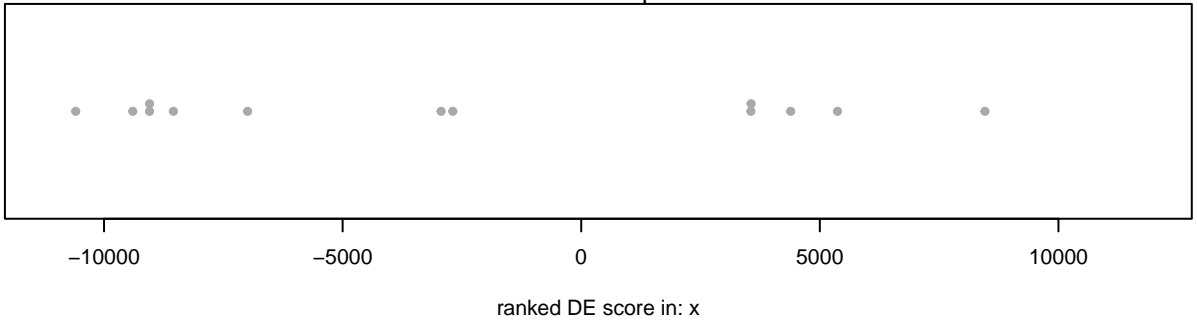
rugplot



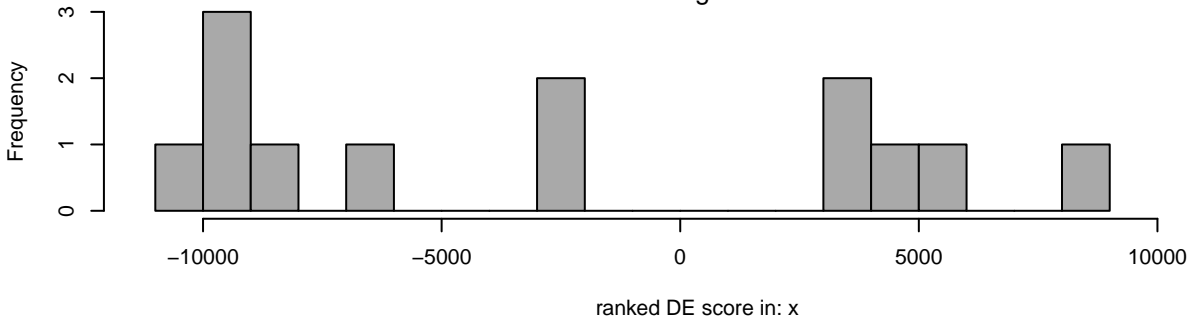
ranked DE score in: x

# ATM TARGET GENES

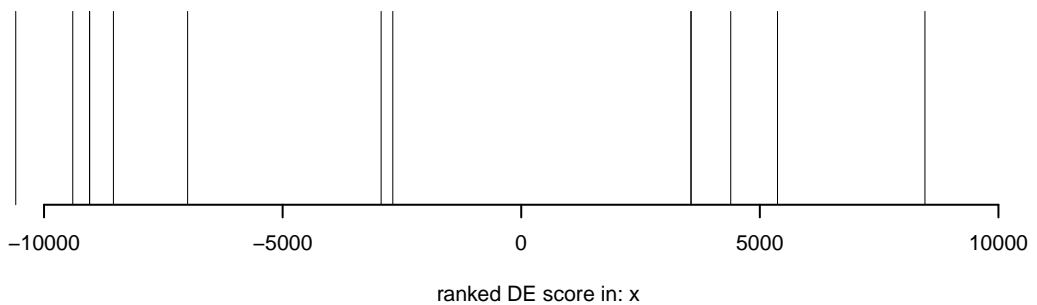
beeswarm plot



histogram

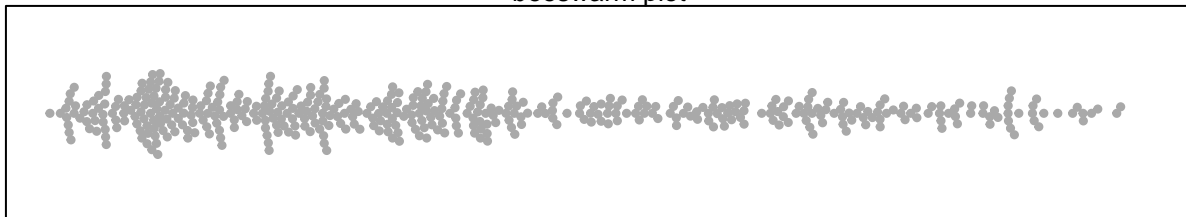


rugplot



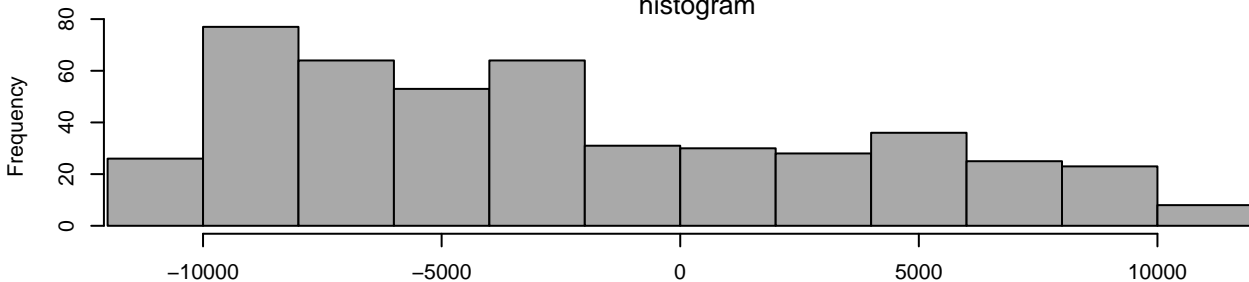
# ZNF436 TARGET GENES

beeswarm plot



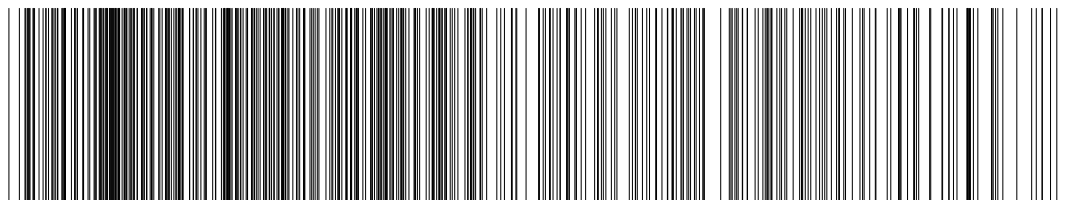
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



-10000

-5000

0

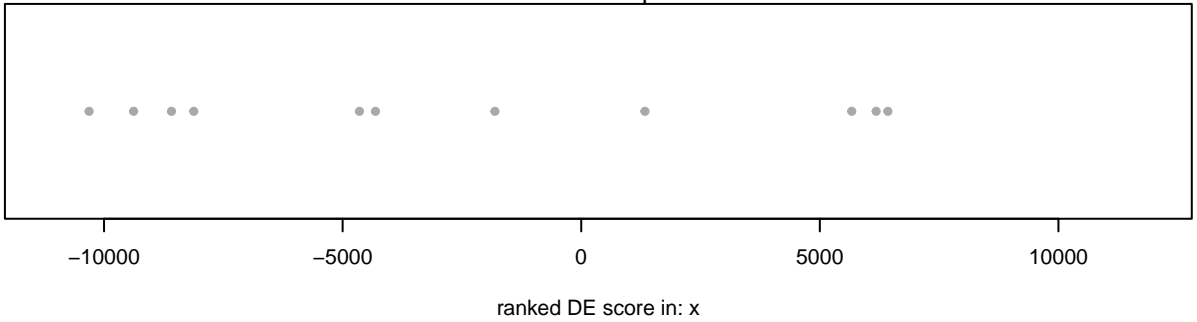
5000

10000

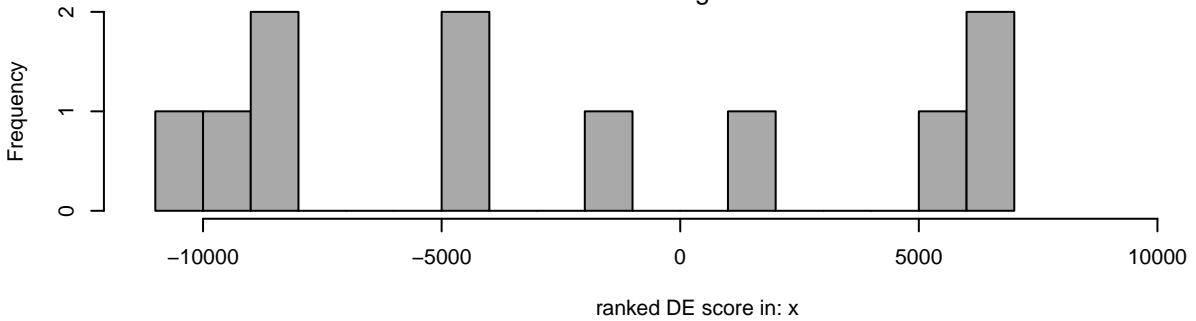
ranked DE score in: x

# CARM1 TARGET GENES

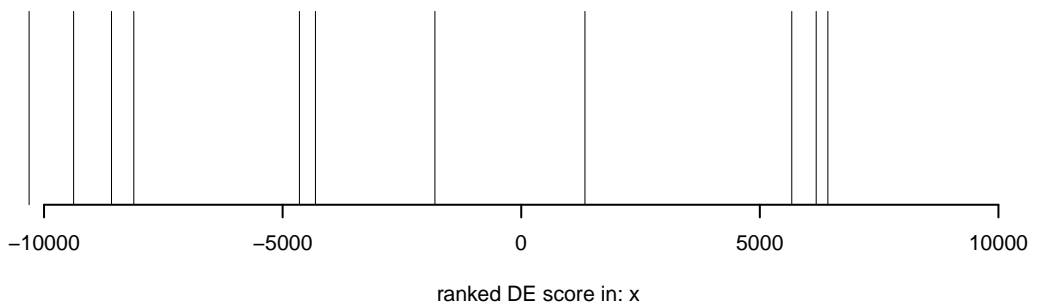
beeswarm plot



histogram

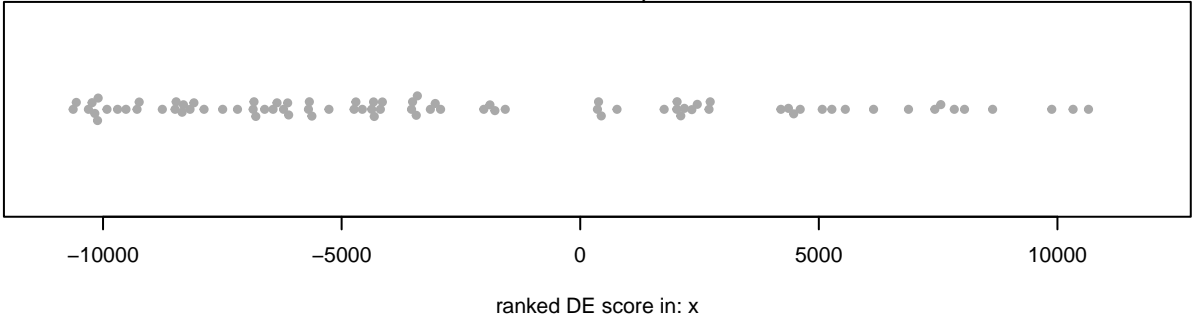


rugplot

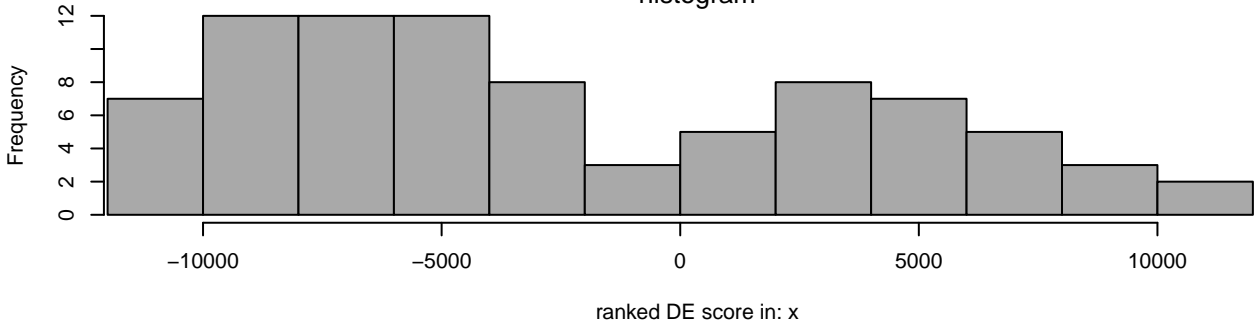


# PRMT5 TARGET GENES

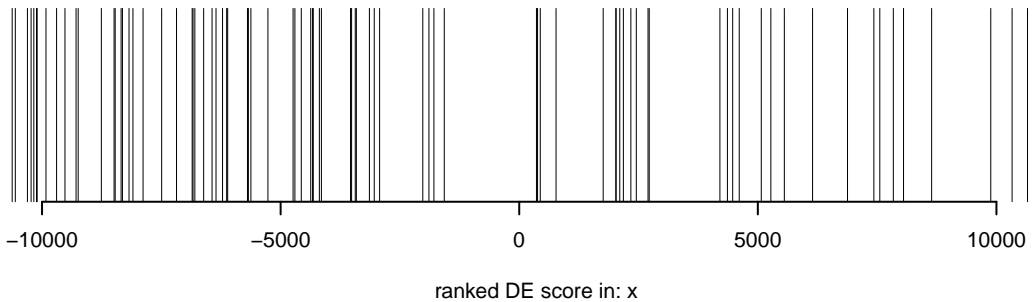
beeswarm plot



histogram

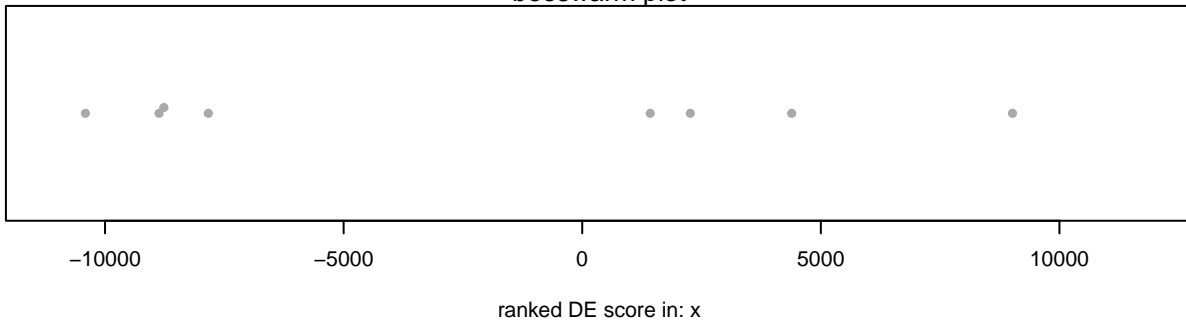


rugplot

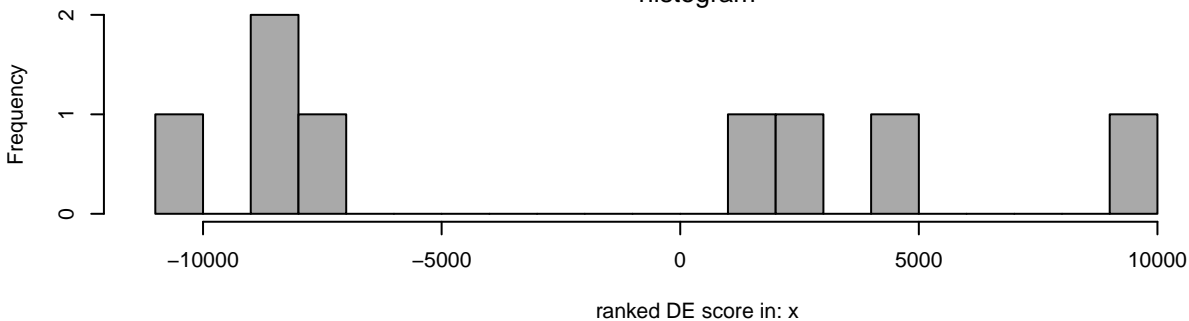


# ZNF514 TARGET GENES

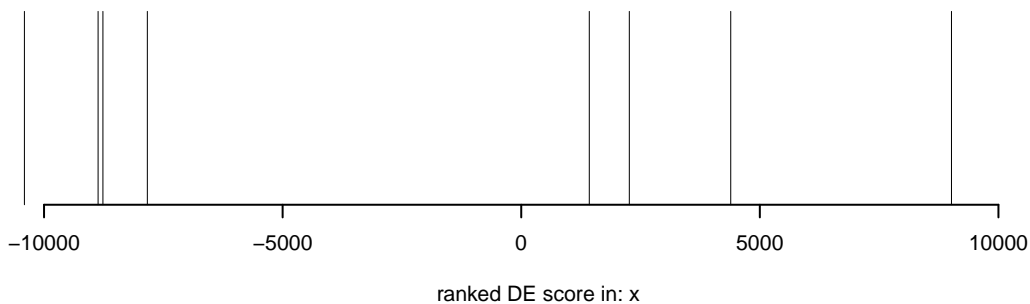
beeswarm plot



histogram

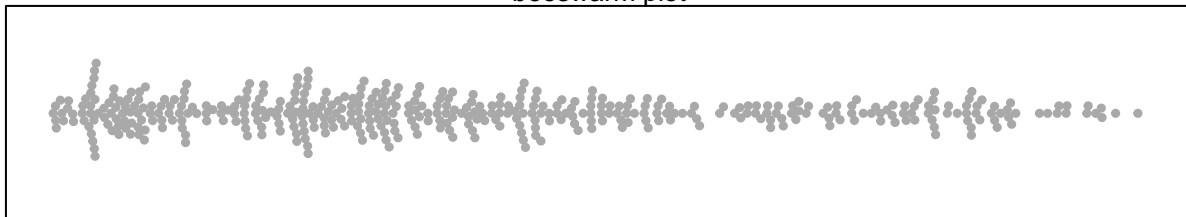


rugplot



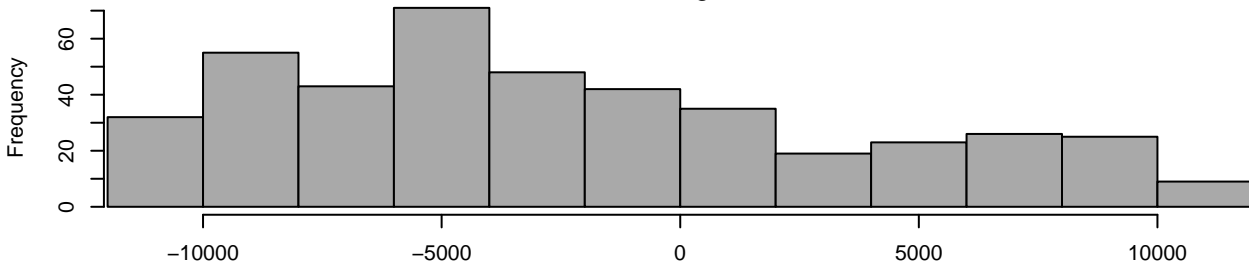
# NFXL1 TARGET GENES

beeswarm plot



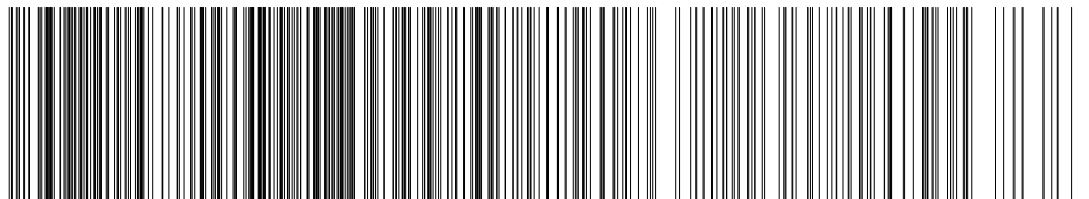
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



-10000

-5000

0

5000

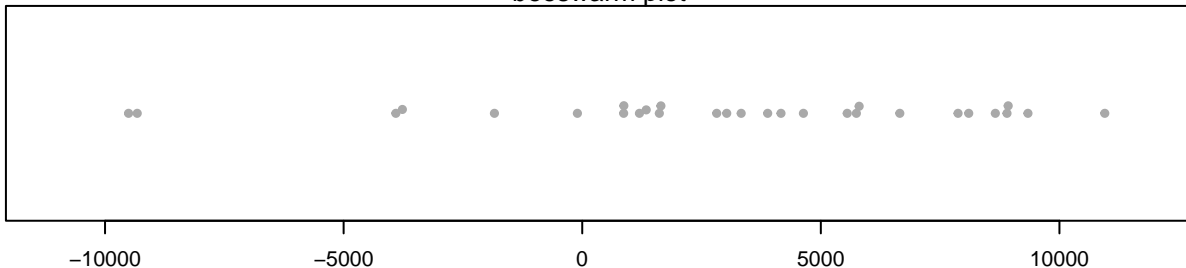
10000

ranked DE score in: x



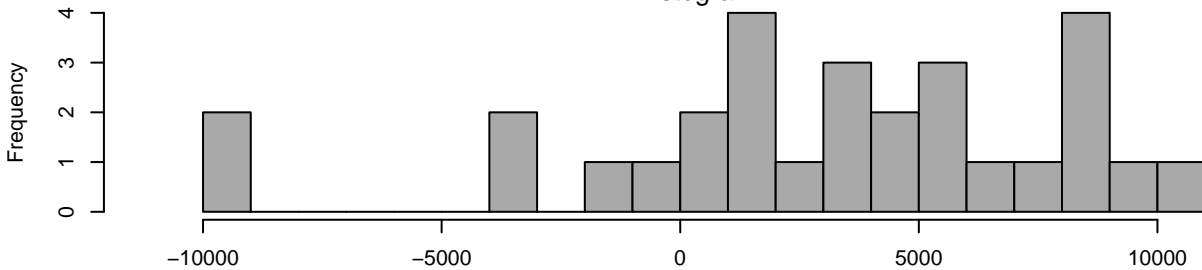
# ALX4 TARGET GENES

beeswarm plot



ranked DE score in: x

histogram



-10000

-5000

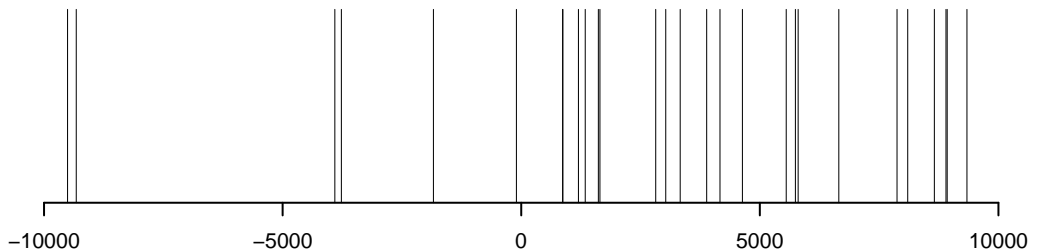
0

5000

10000

ranked DE score in: x

rugplot



-10000

-5000

0

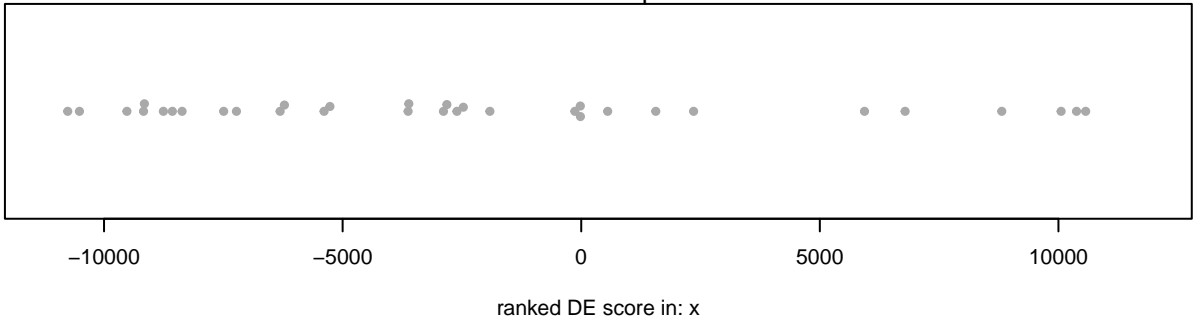
5000

10000

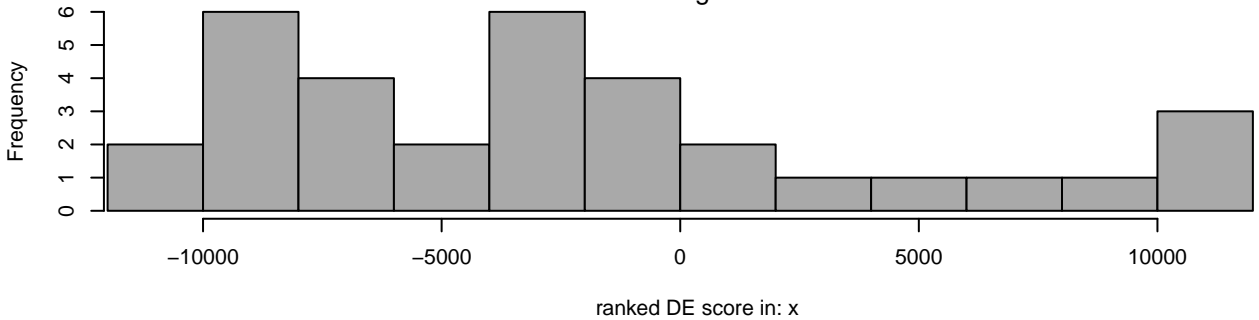
ranked DE score in: x

# FOXD3 TARGET GENES

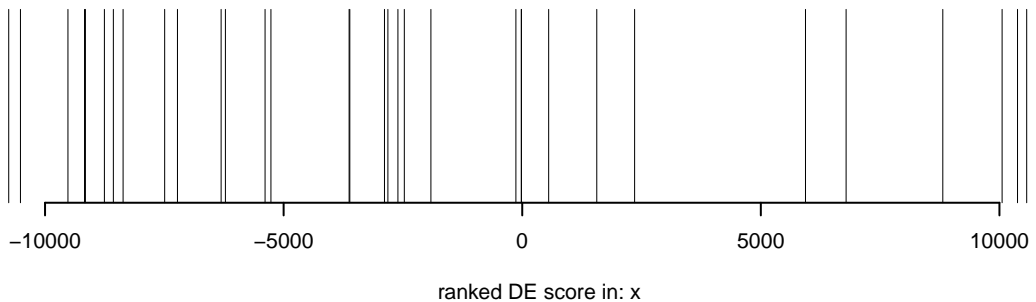
beeswarm plot



histogram

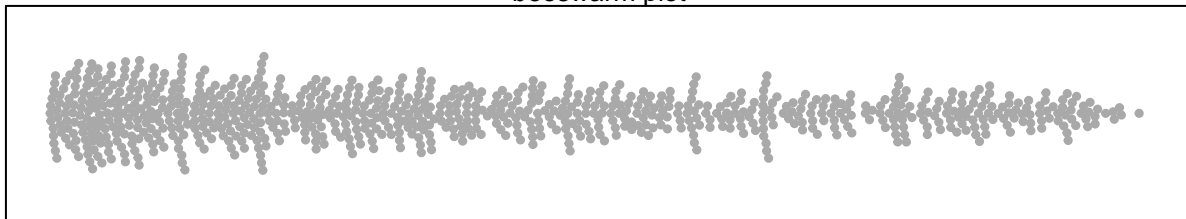


rugplot



# GREB1 TARGET GENES

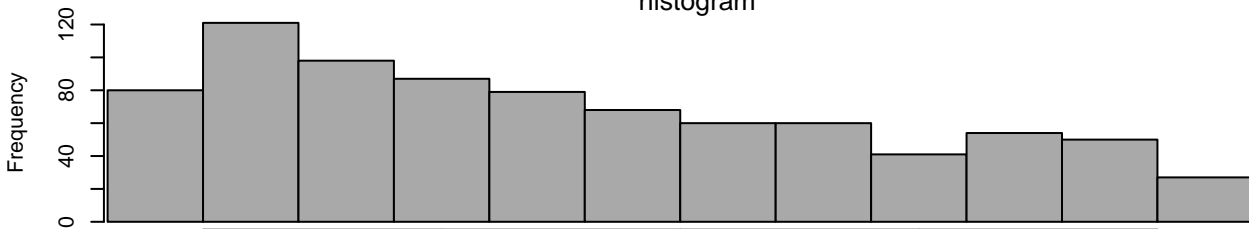
beeswarm plot



-10000 -5000 0 5000 10000

ranked DE score in: x

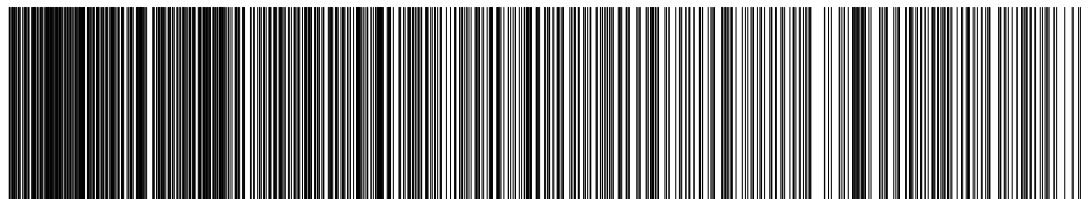
histogram



-10000 -5000 0 5000 10000

ranked DE score in: x

rugplot

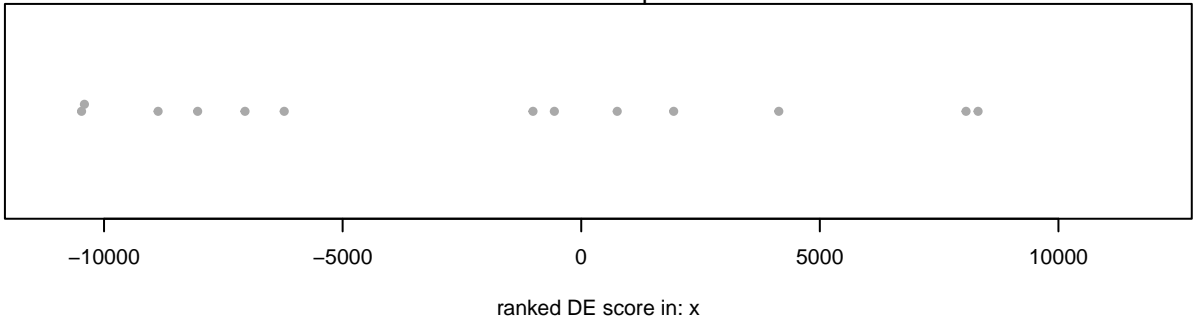


-10000 -5000 0 5000 10000

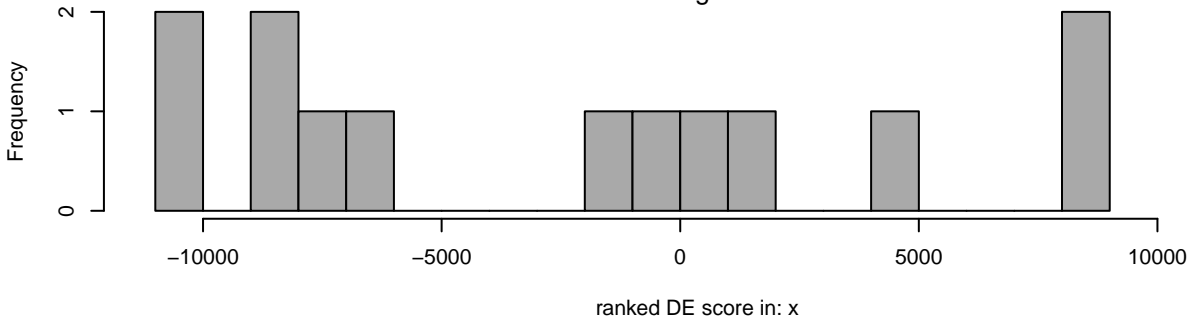
ranked DE score in: x

# ZNF19 TARGET GENES

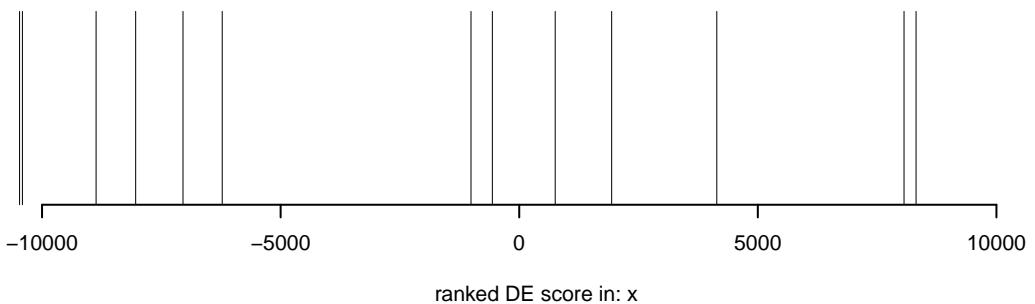
beeswarm plot



histogram

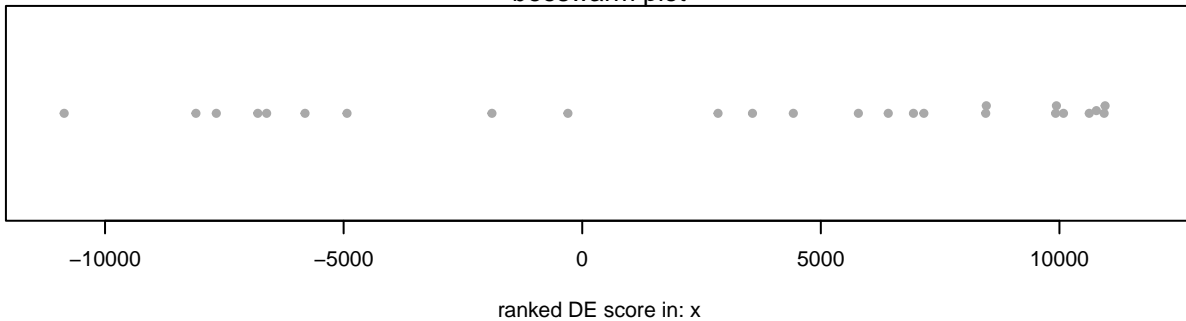


rugplot

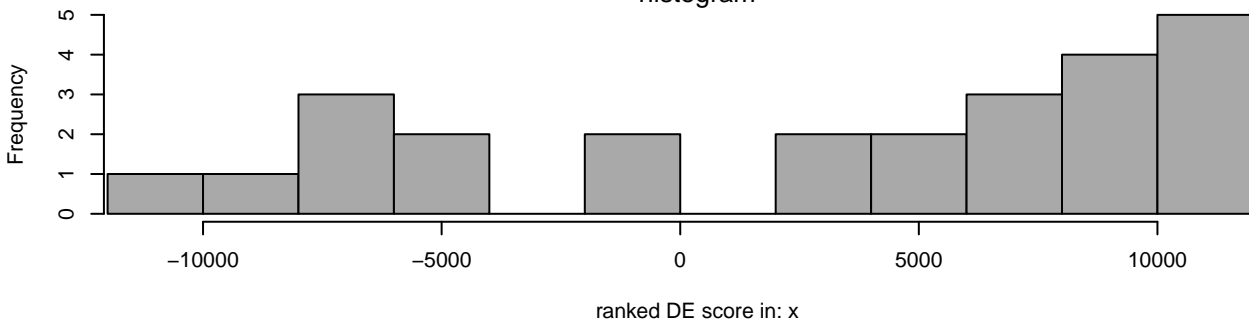


# XPO1 TARGET GENES

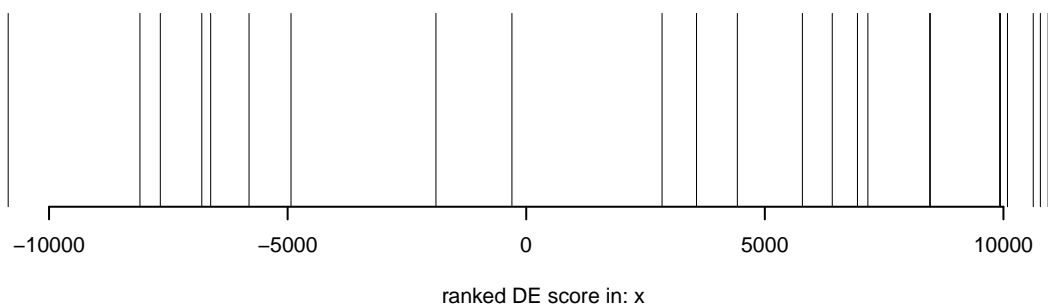
beeswarm plot



histogram

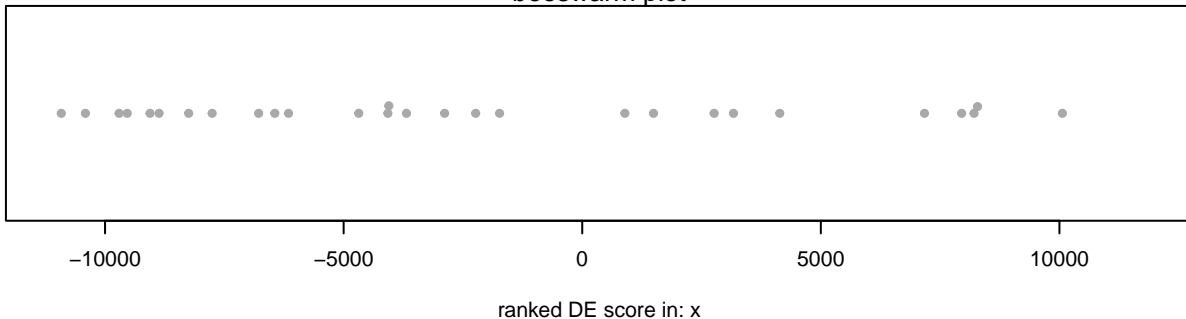


rugplot

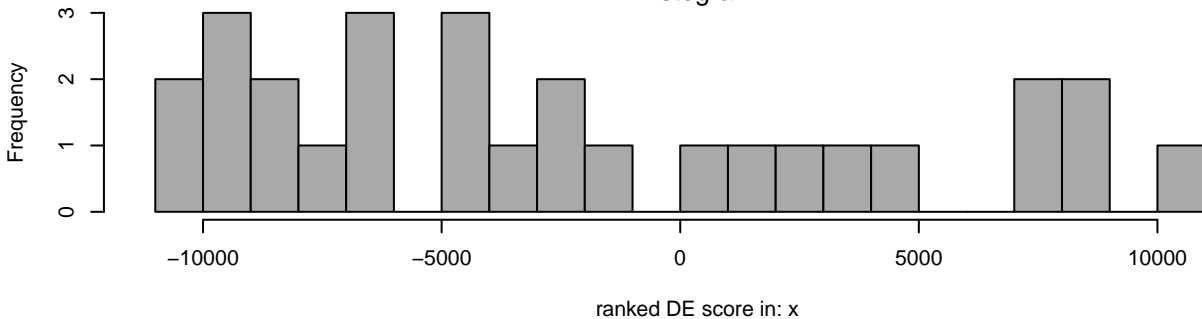


# ZNF530 TARGET GENES

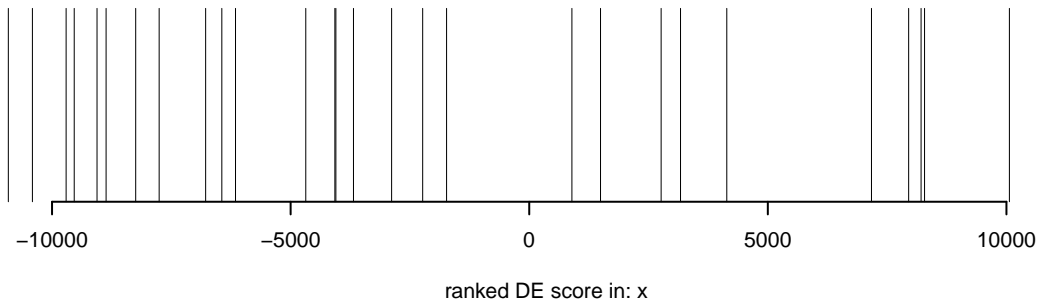
beeswarm plot



histogram

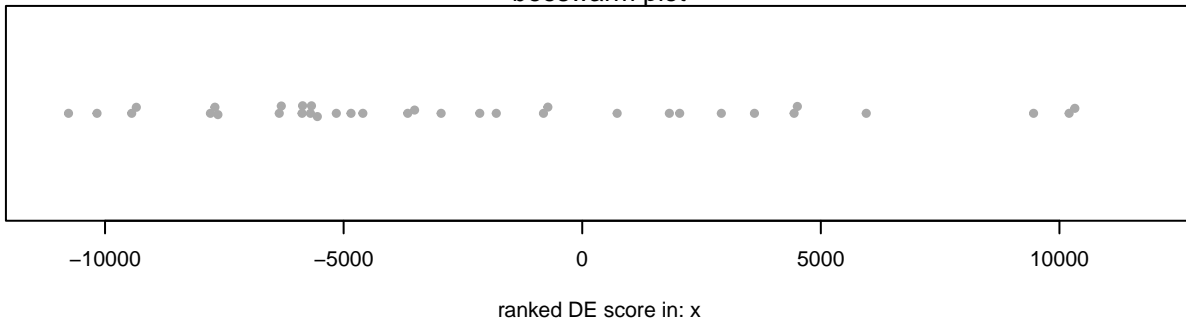


rugplot

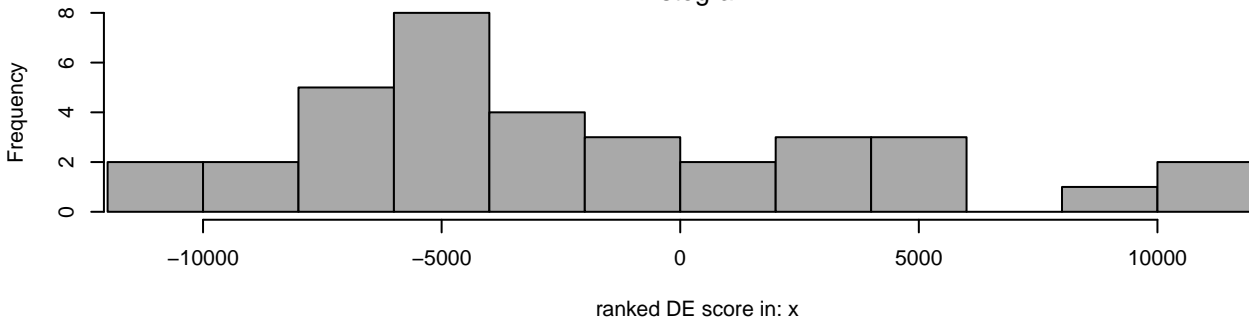


# LMNB2 TARGET GENES

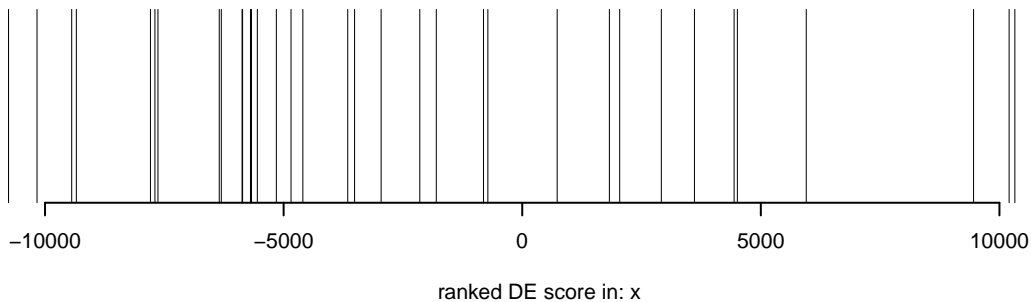
beeswarm plot



histogram

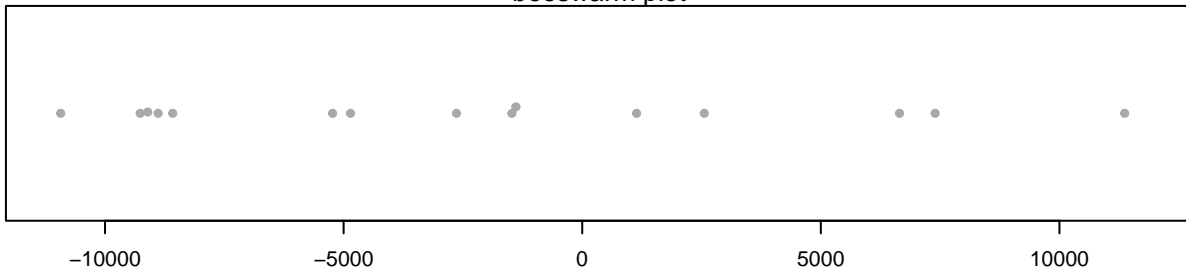


rugplot



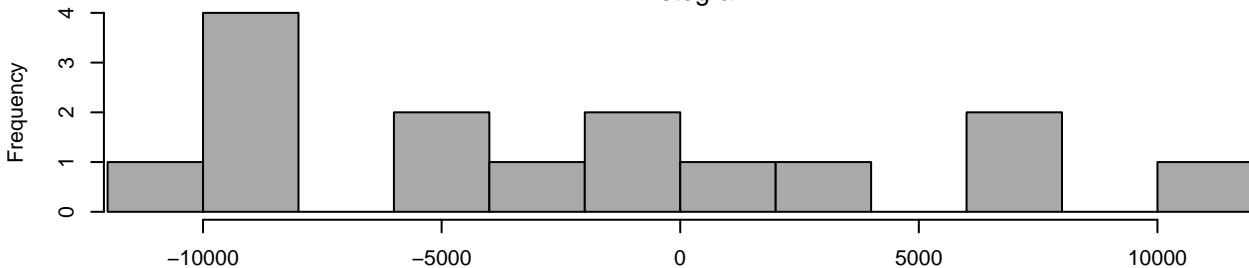
# NFE2L3 TARGET GENES

beeswarm plot



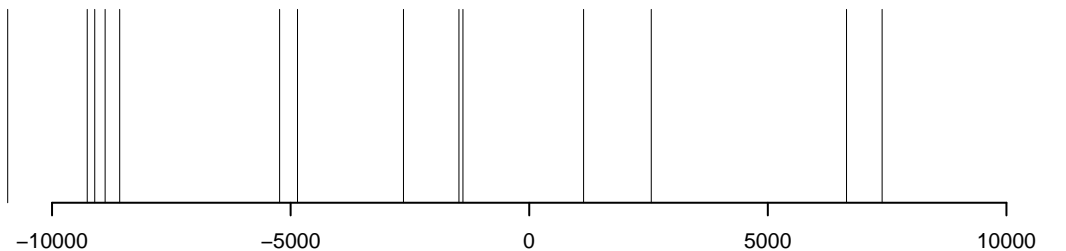
ranked DE score in: x

histogram



ranked DE score in: x

rugplot

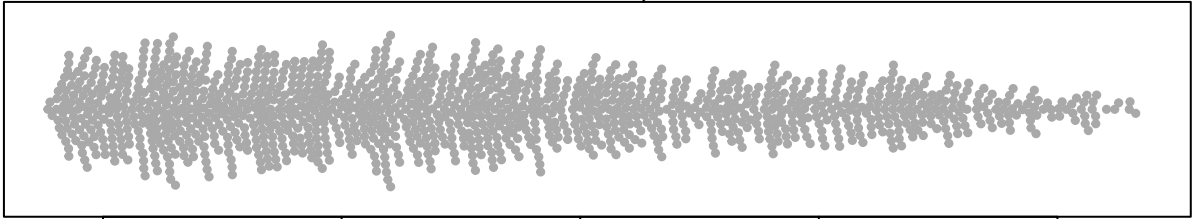


ranked DE score in: x



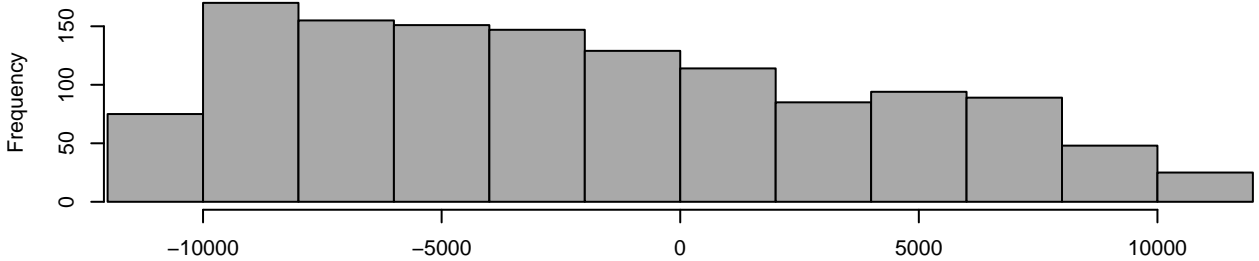
# ZNF92 TARGET GENES

beeswarm plot



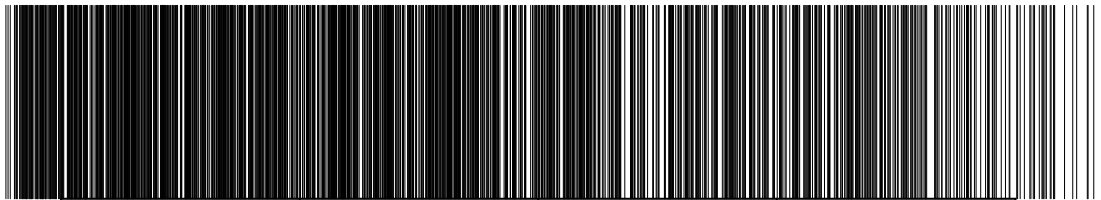
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



-10000

-5000

0

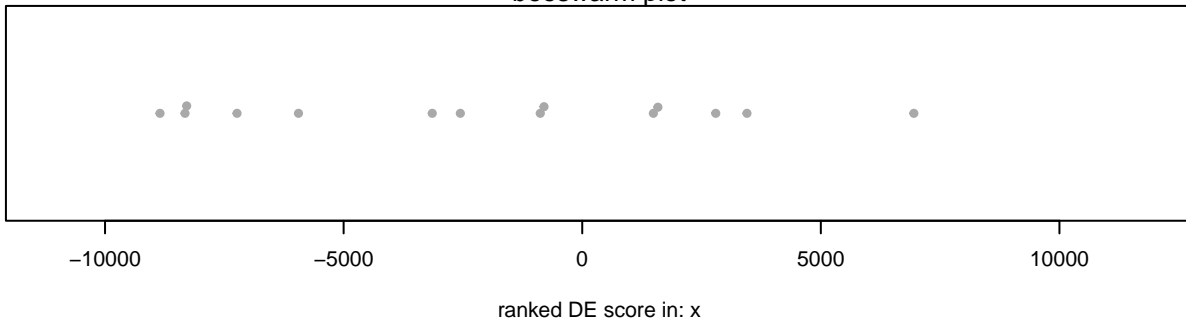
5000

10000

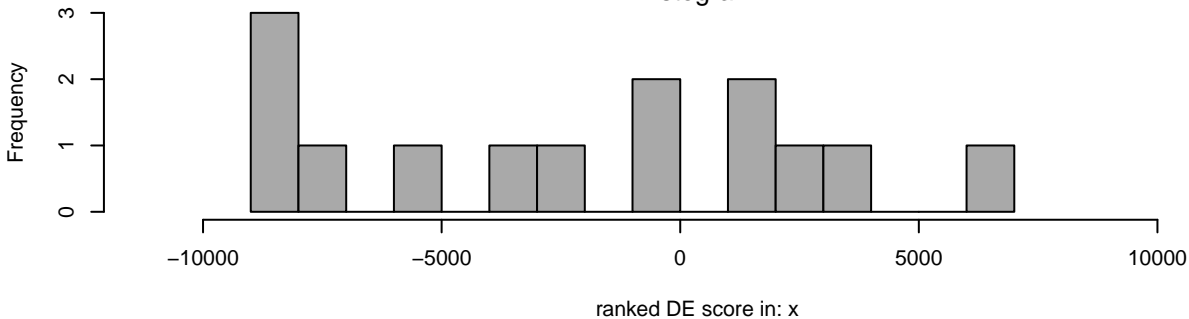
ranked DE score in: x

# ZNF214 TARGET GENES

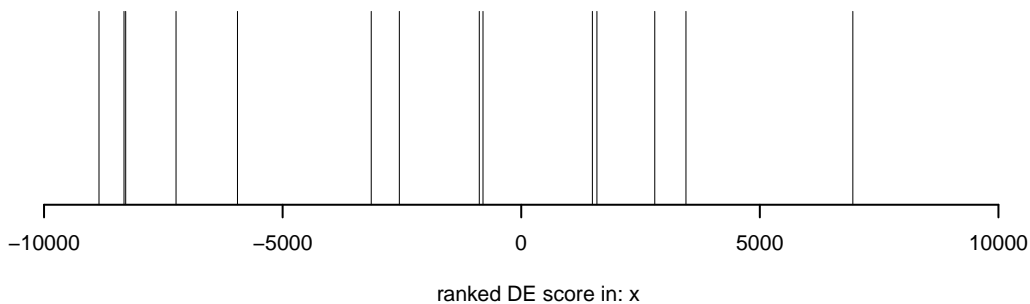
beeswarm plot



histogram

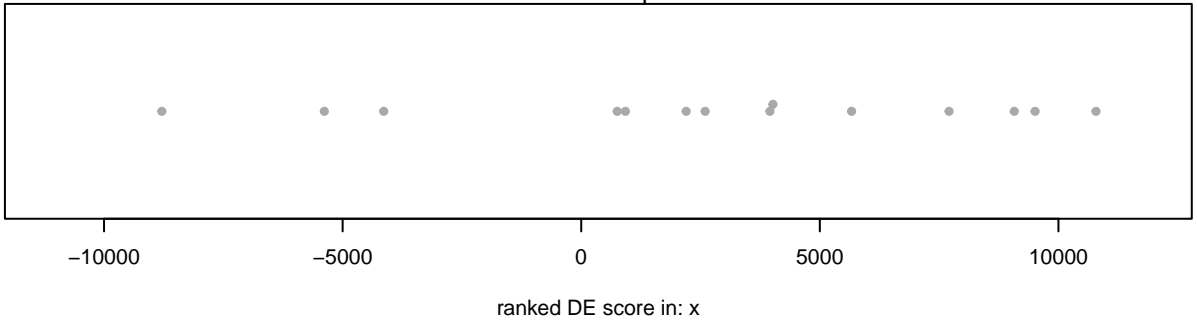


rugplot

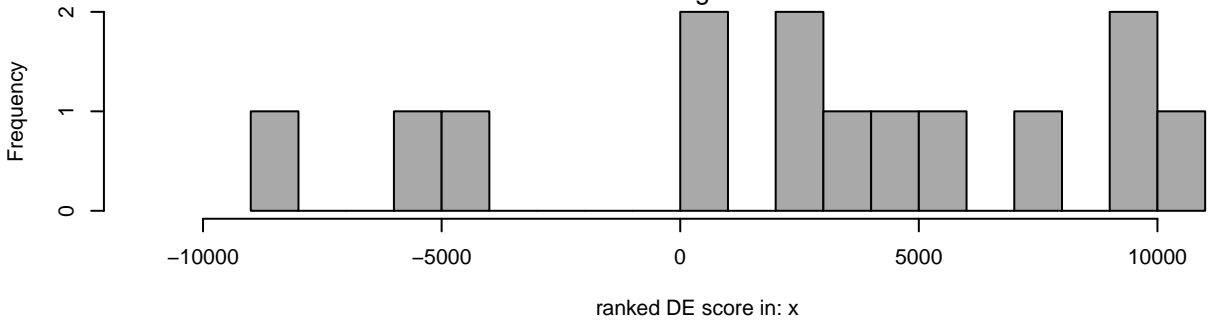


# ERCC8 TARGET GENES

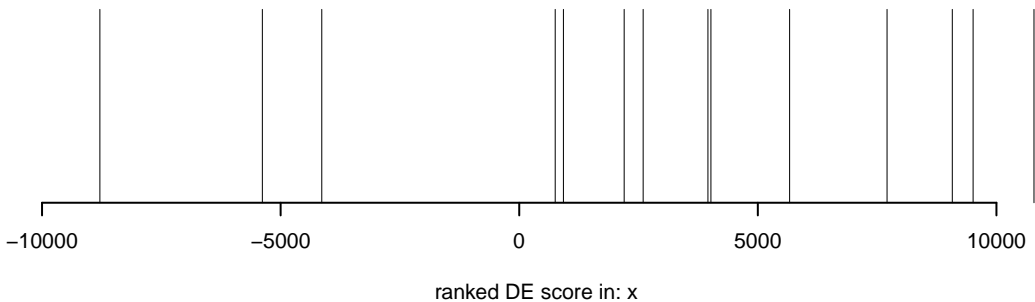
beeswarm plot



histogram

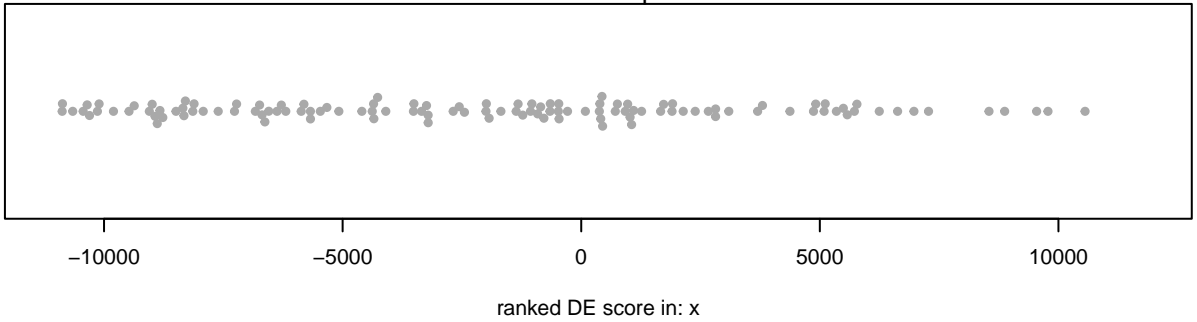


rugplot

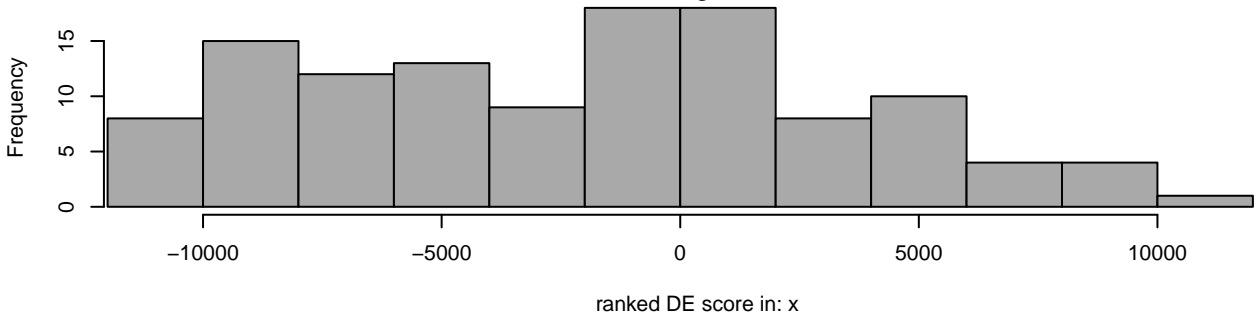


# ZMYM2 TARGET GENES

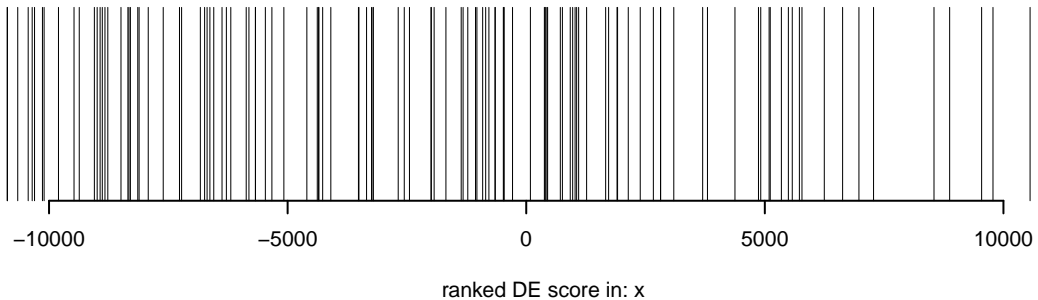
beeswarm plot



histogram

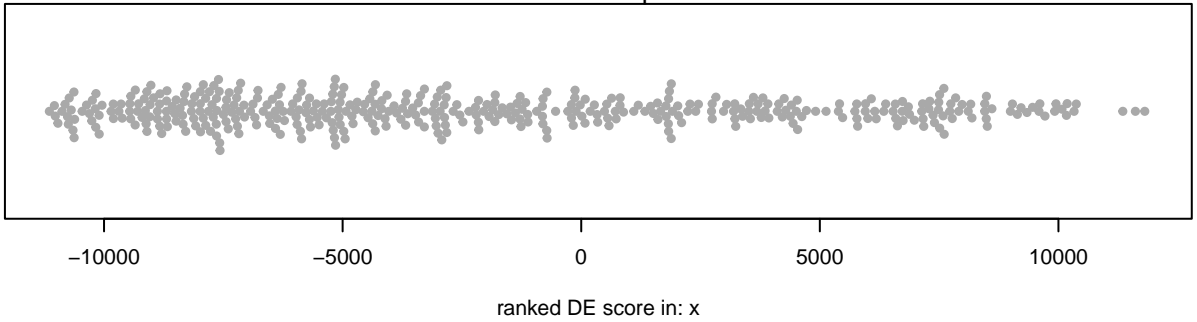


rugplot

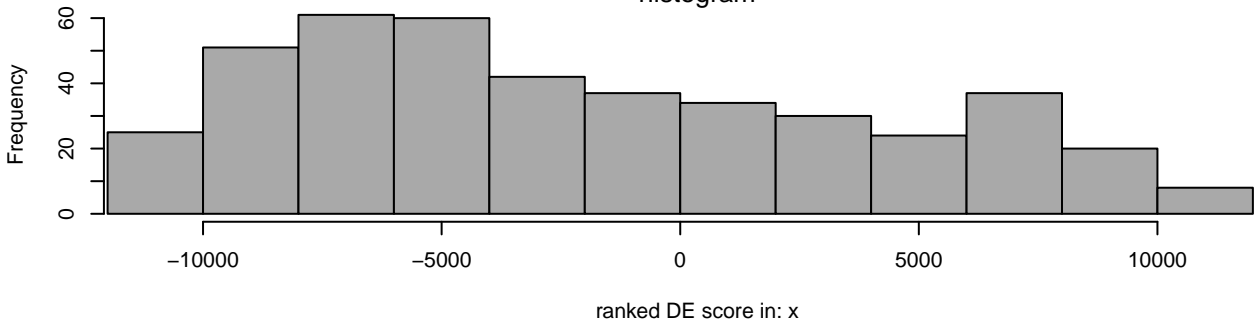


# TAFAZZIN TARGET GENES

beeswarm plot



histogram



rugplot

