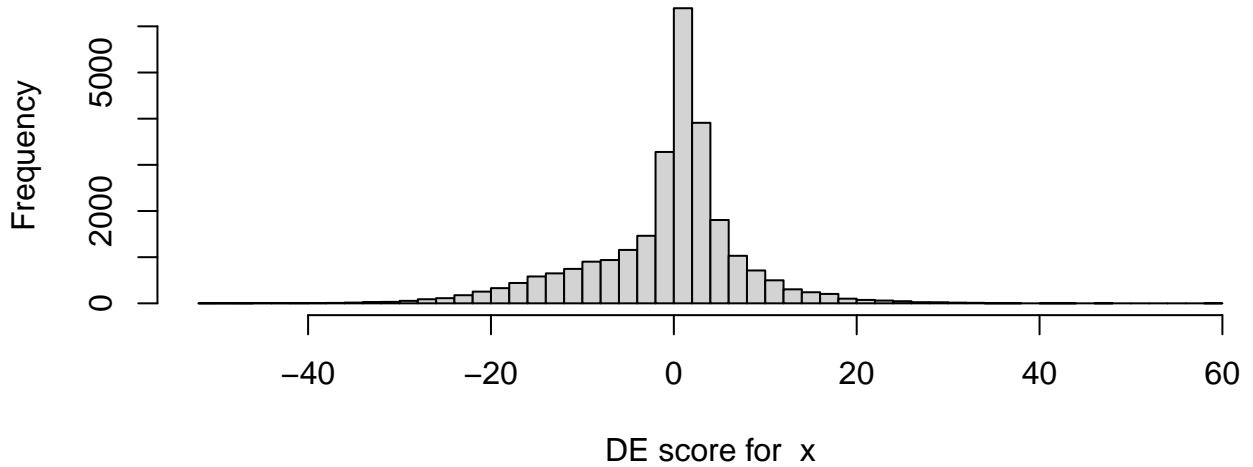
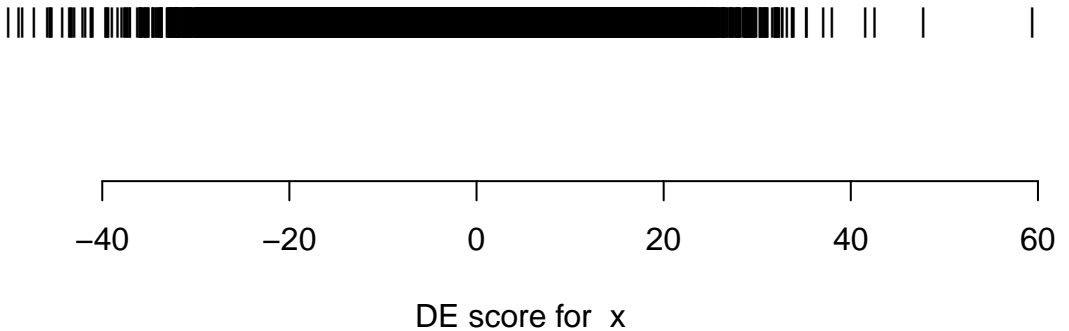


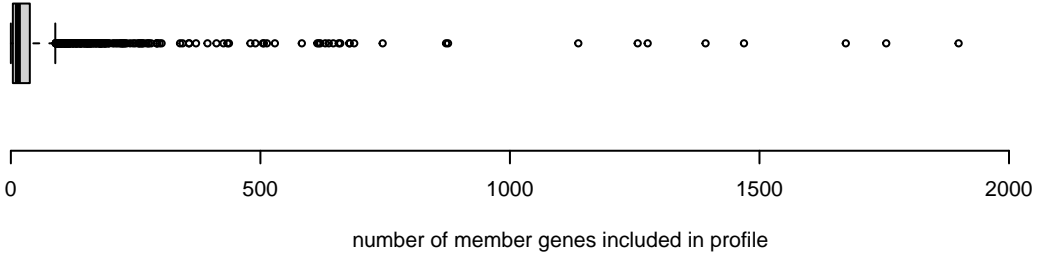
Distribution of DE scores



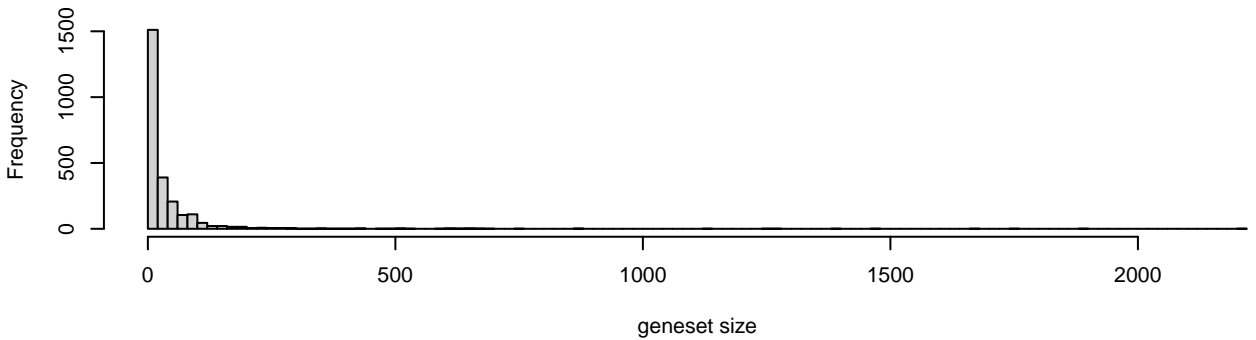
26741 genes in total, 15459 trending up-regulated, 11282 trending down-regulated



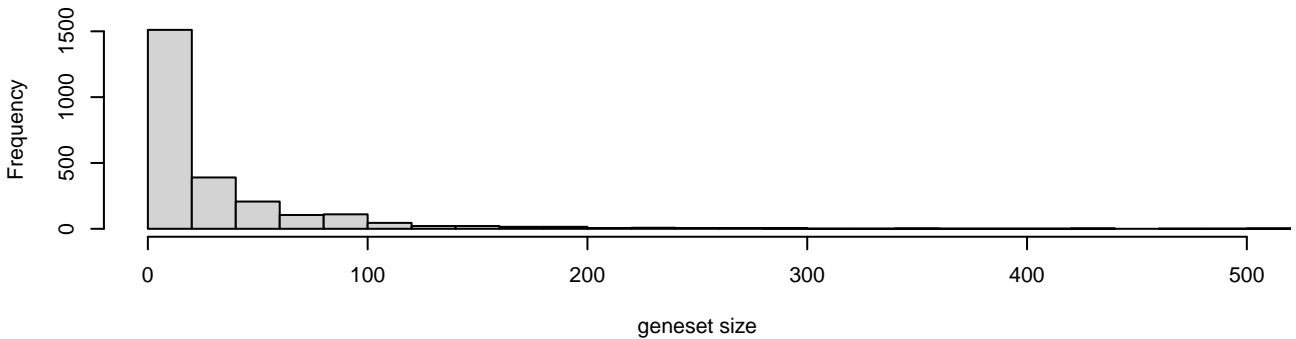
Gene set size



Histogram of geneset size

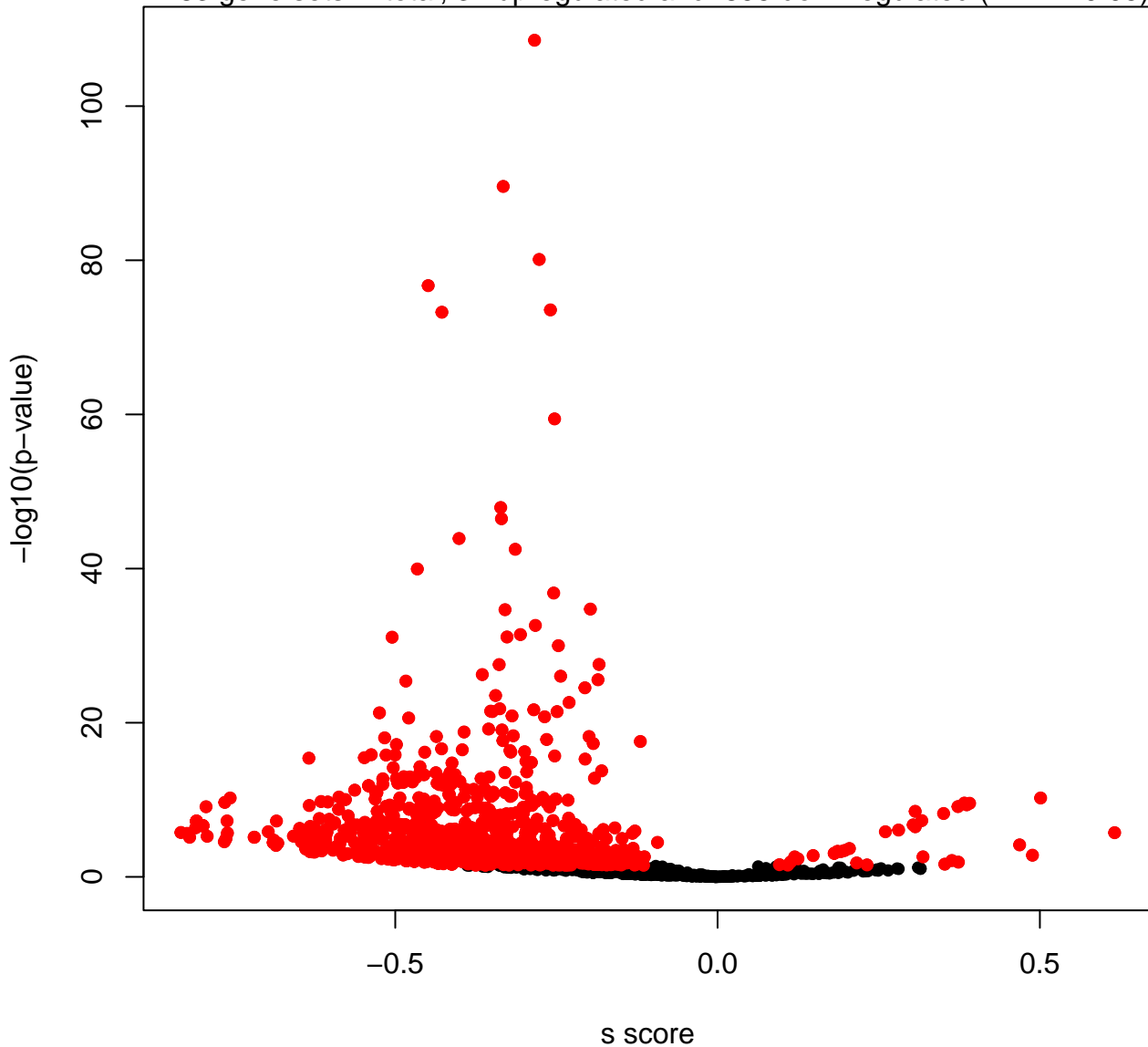


Trimmed histogram of geneset size



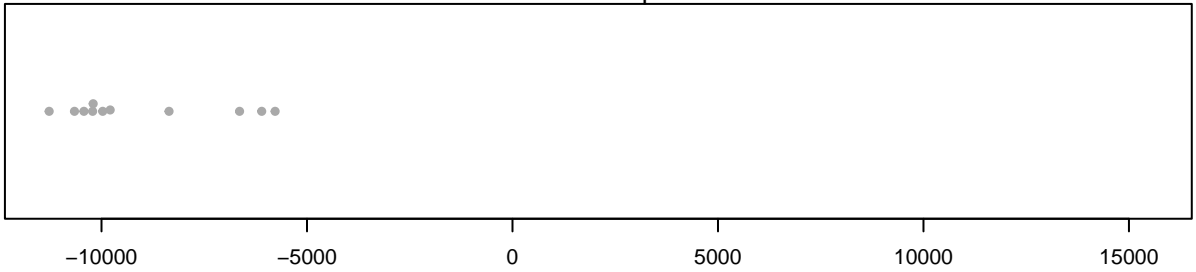
volcano plot of gene set enrichments

1483 gene sets in total, 34 upregulated and 895 downregulated (FDR \leq 0.05)



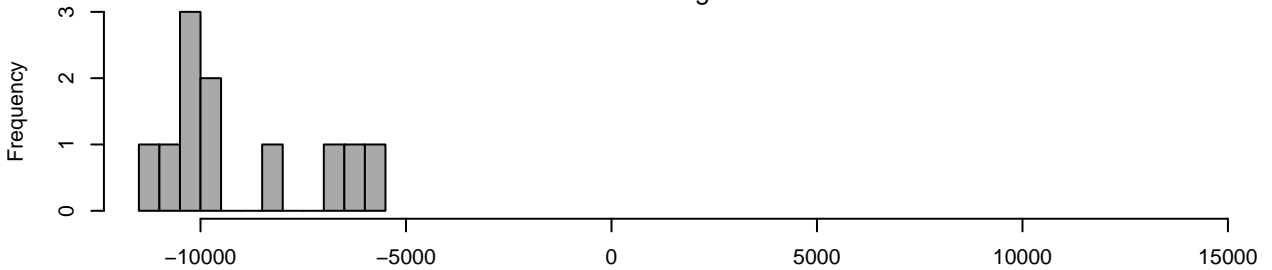
CLEC7A (Dectin-1) induces NFAT activation

beeswarm plot



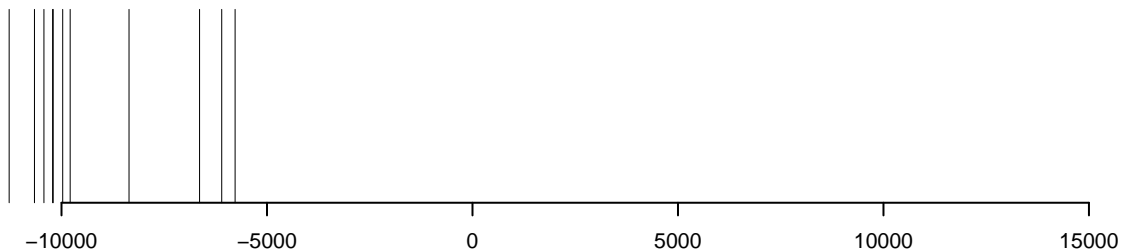
ranked DE score in: x

histogram



ranked DE score in: x

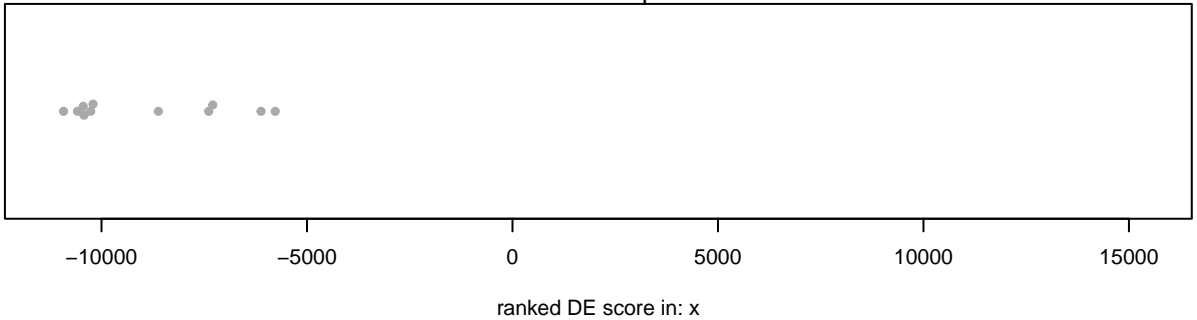
rugplot



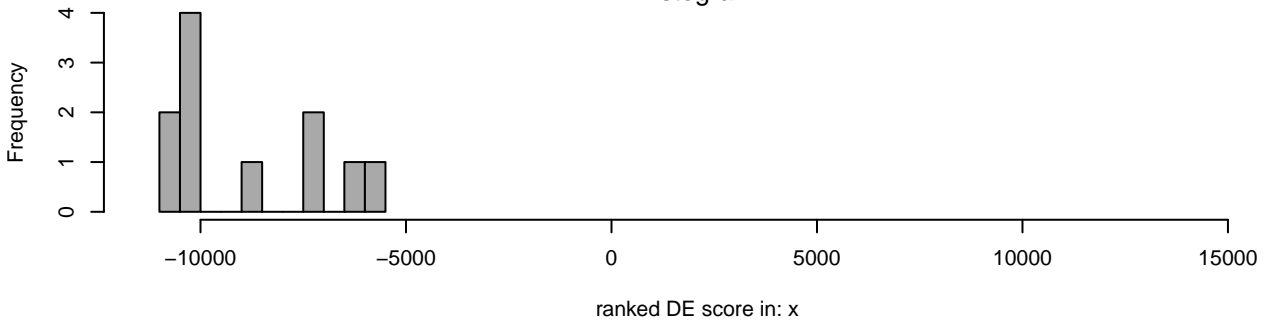
ranked DE score in: x

Establishment of Sister Chromatid Cohesion

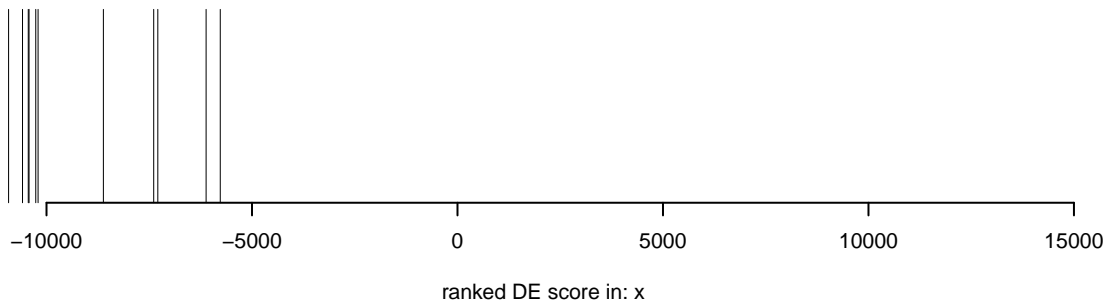
beeswarm plot



histogram

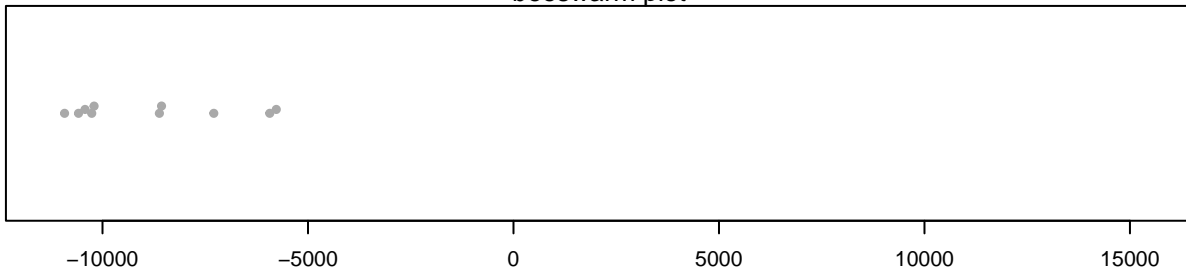


rugplot



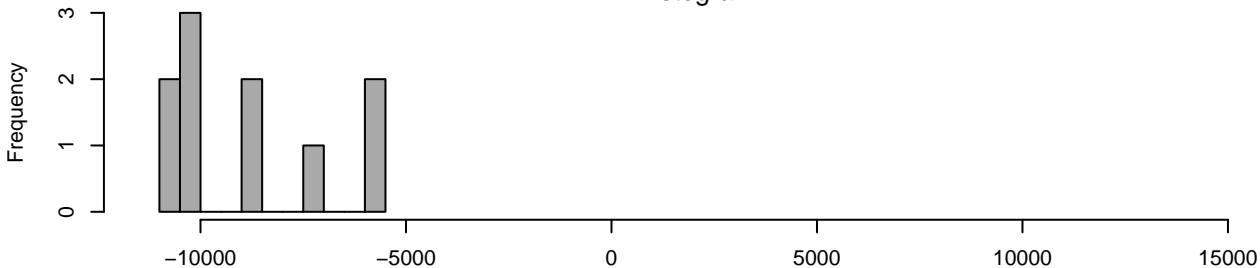
Cohesin Loading onto Chromatin

beeswarm plot



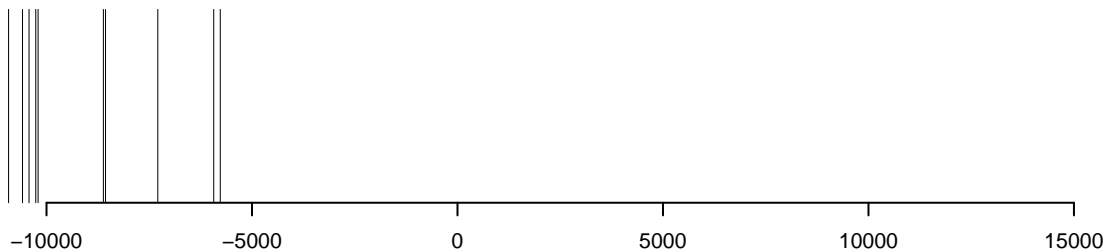
ranked DE score in: x

histogram



ranked DE score in: x

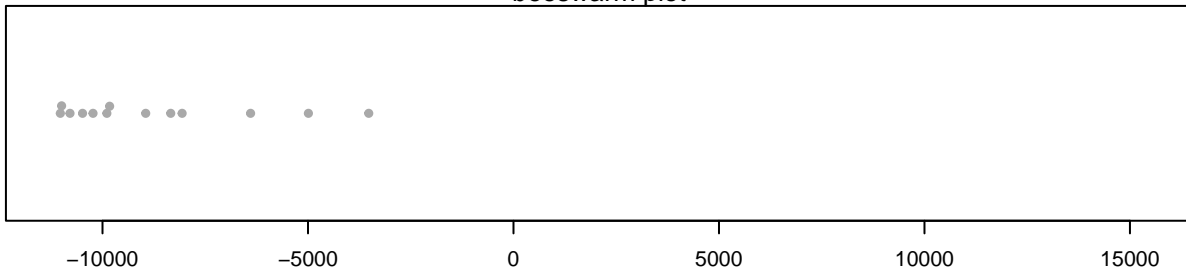
rugplot



ranked DE score in: x

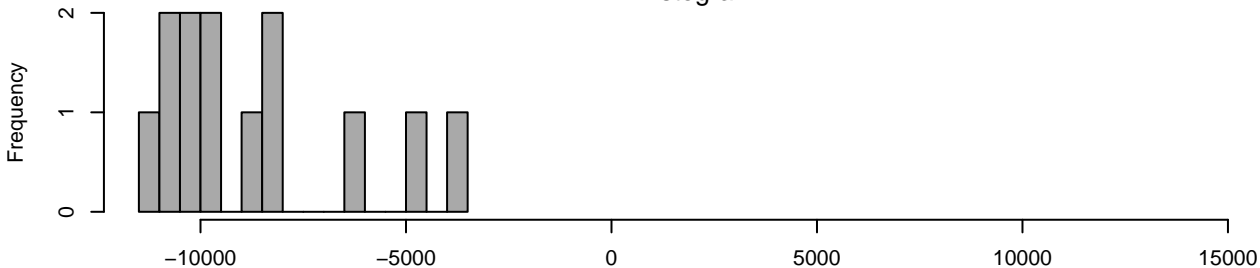
ERKs are inactivated

beeswarm plot



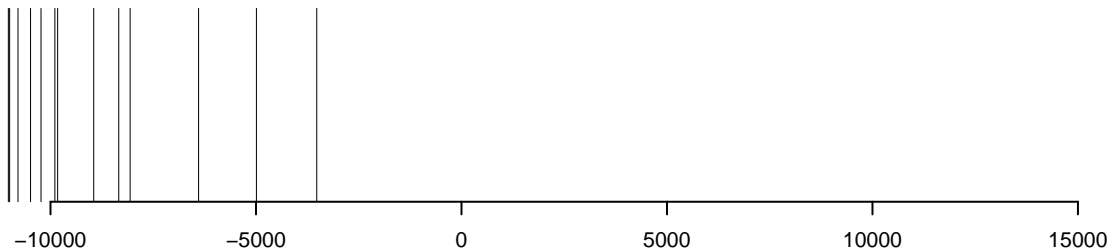
ranked DE score in: x

histogram



ranked DE score in: x

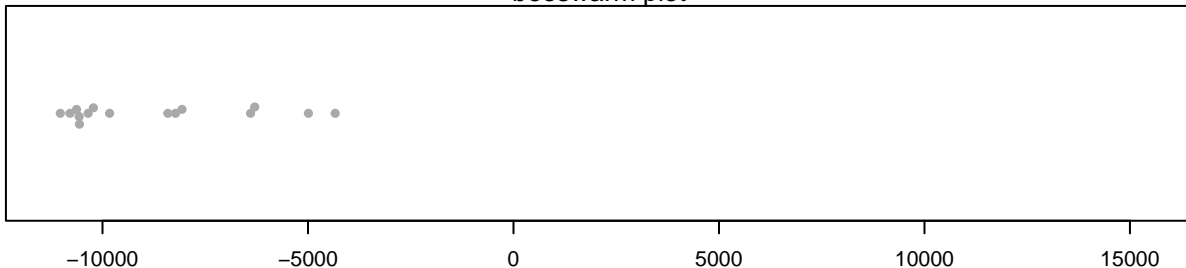
rugplot



ranked DE score in: x

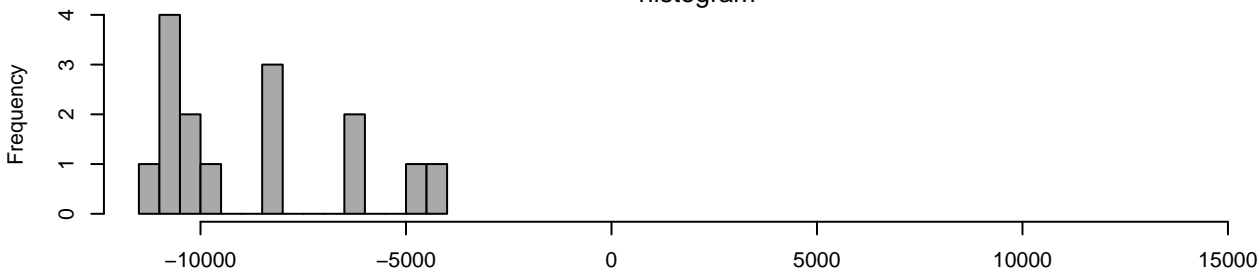
S33 mutants of beta-catenin aren't phosphorylated

beeswarm plot



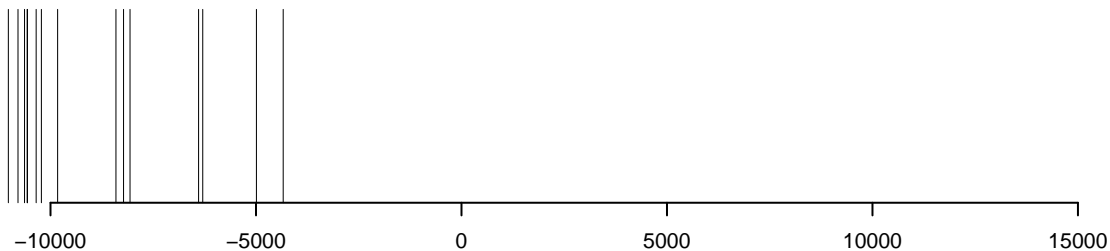
ranked DE score in: x

histogram



ranked DE score in: x

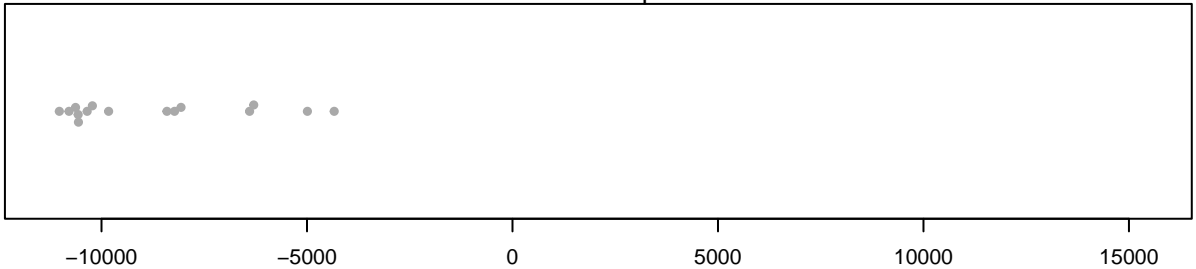
rugplot



ranked DE score in: x

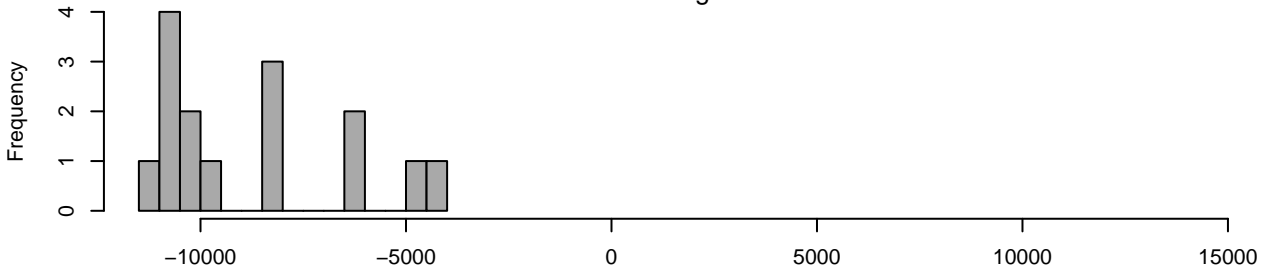
S37 mutants of beta-catenin aren't phosphorylated

beeswarm plot



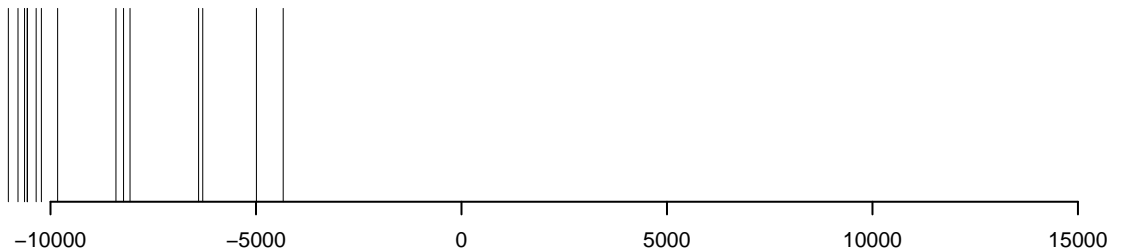
ranked DE score in: x

histogram



ranked DE score in: x

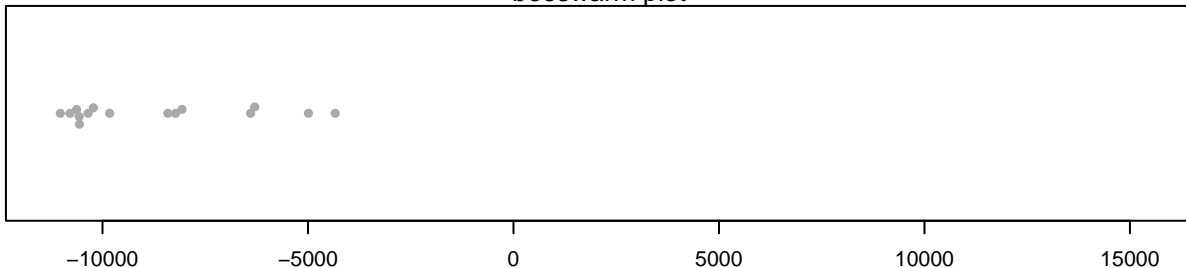
rugplot



ranked DE score in: x

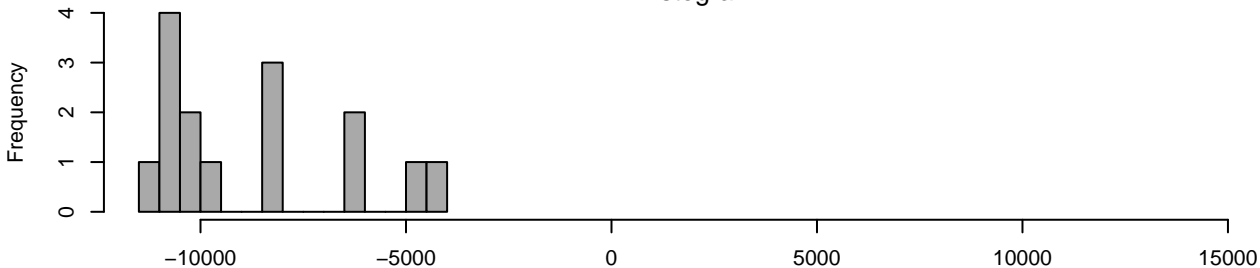
S45 mutants of beta-catenin aren't phosphorylated

beeswarm plot



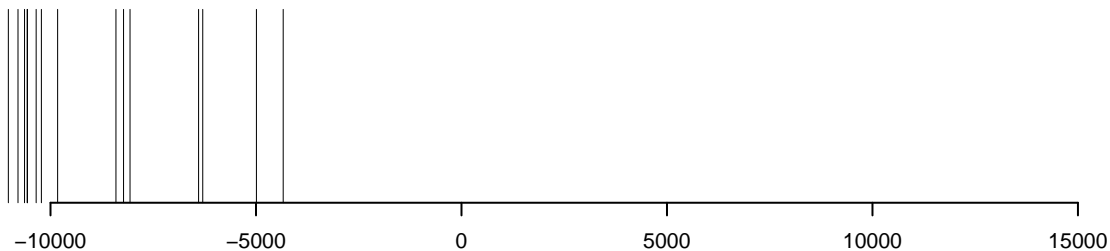
ranked DE score in: x

histogram



ranked DE score in: x

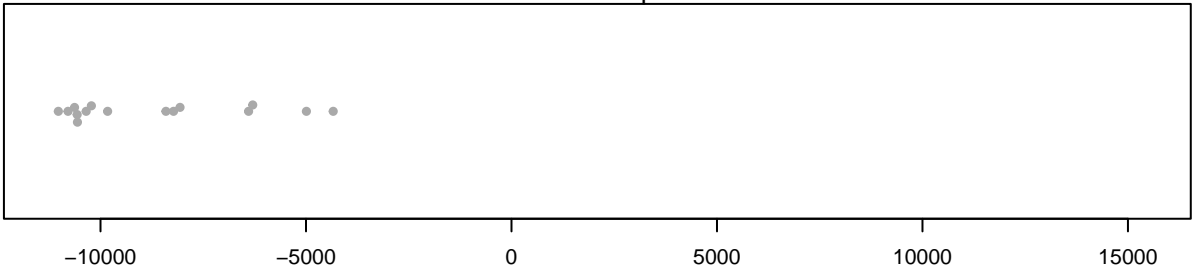
rugplot



ranked DE score in: x

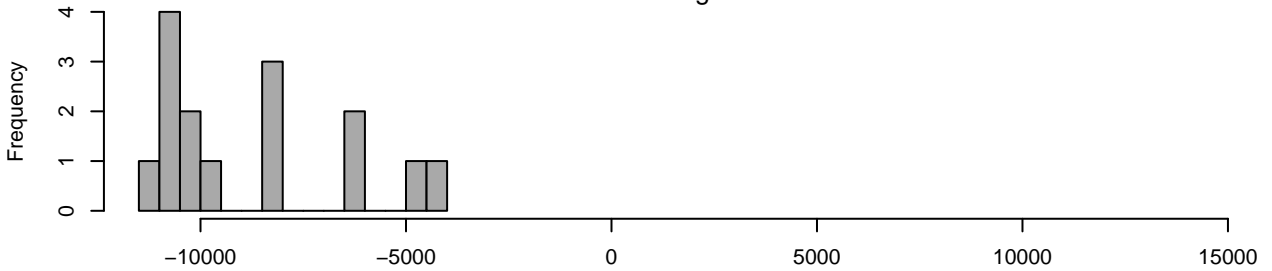
Signaling by CTNNB1 phospho-site mutants

beeswarm plot



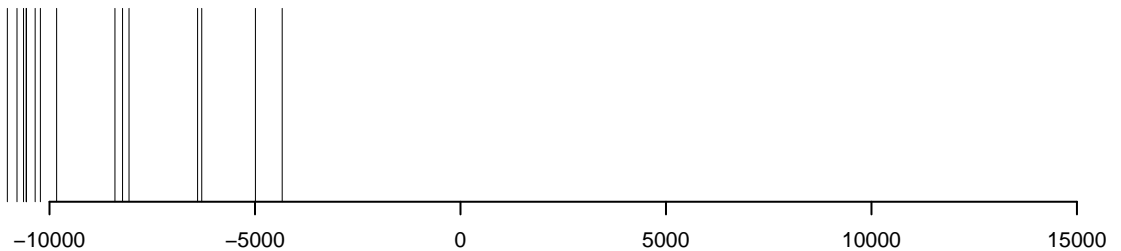
ranked DE score in: x

histogram



ranked DE score in: x

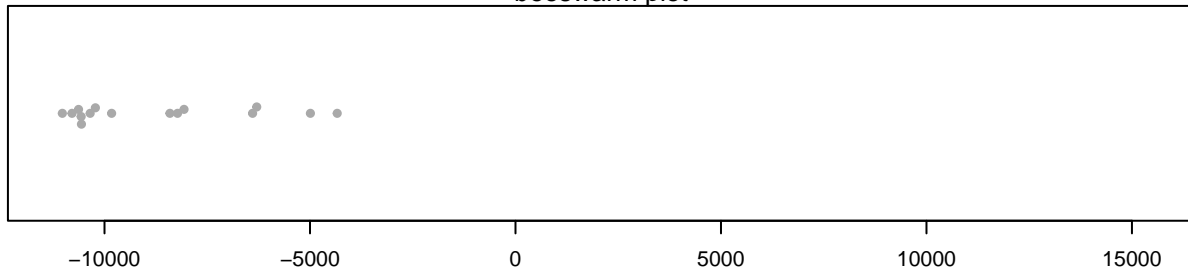
rugplot



ranked DE score in: x

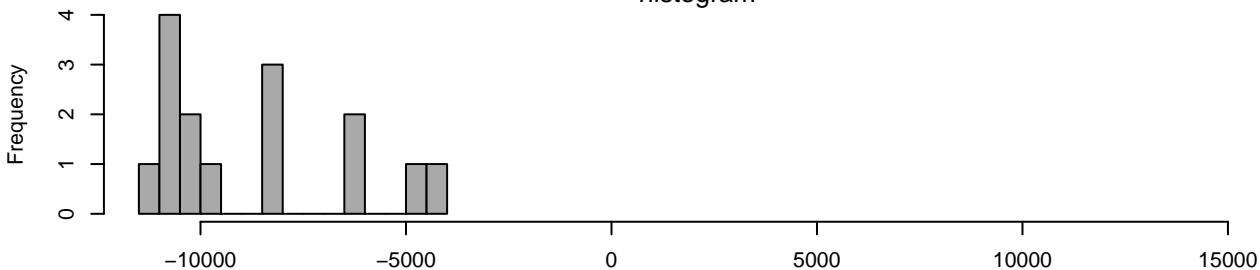
Signaling by GSK3beta mutants

beeswarm plot



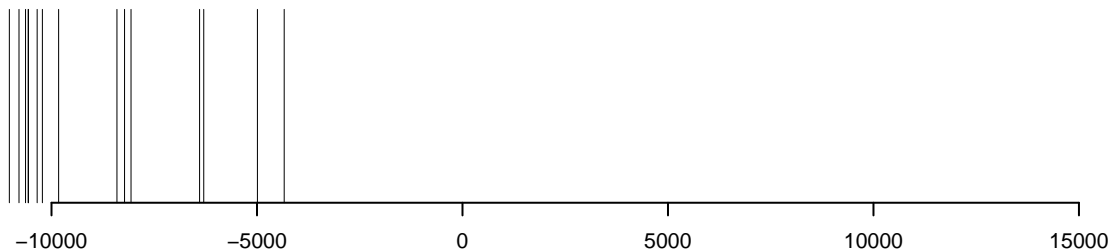
ranked DE score in: x

histogram



ranked DE score in: x

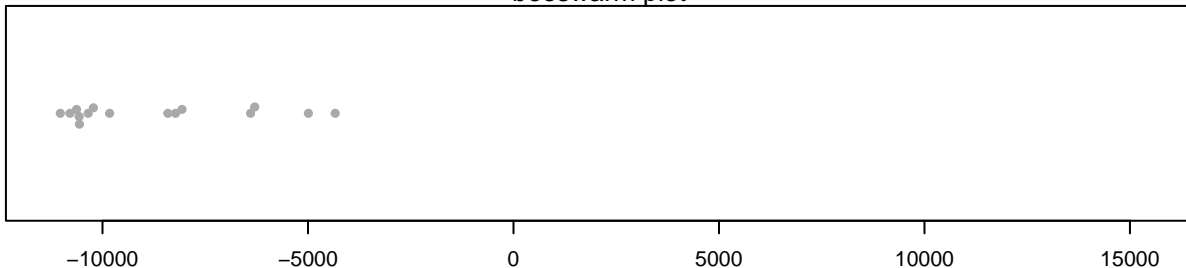
rugplot



ranked DE score in: x

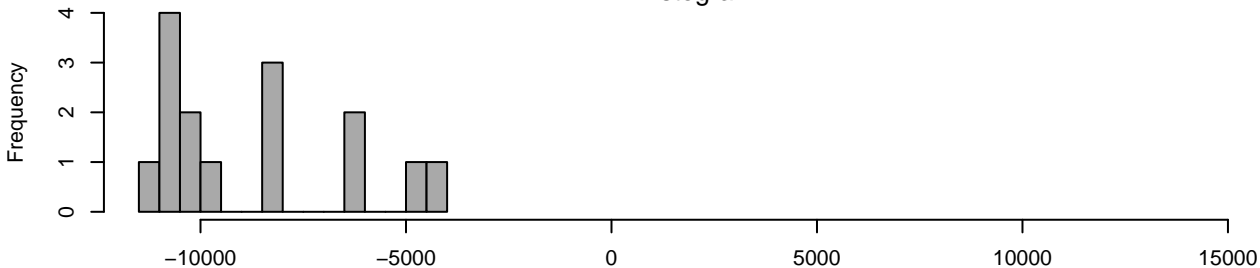
T41 mutants of beta-catenin aren't phosphorylated

beeswarm plot



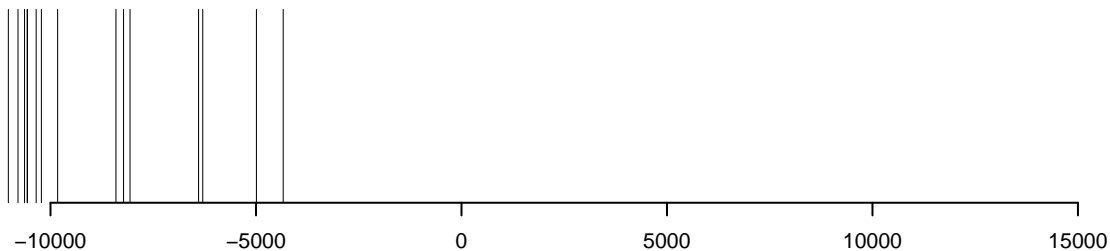
ranked DE score in: x

histogram



ranked DE score in: x

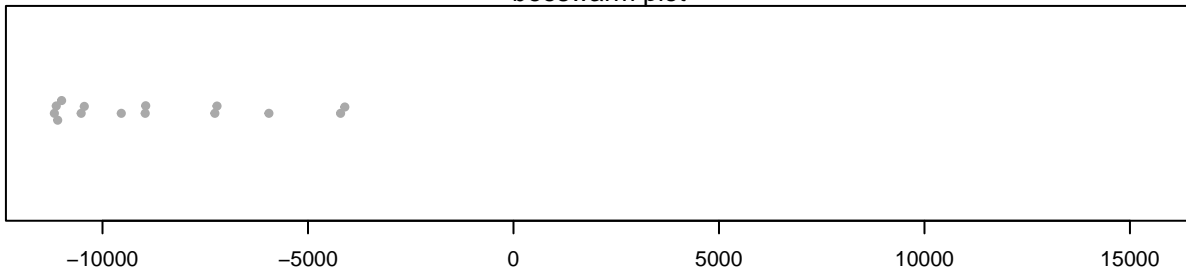
rugplot



ranked DE score in: x

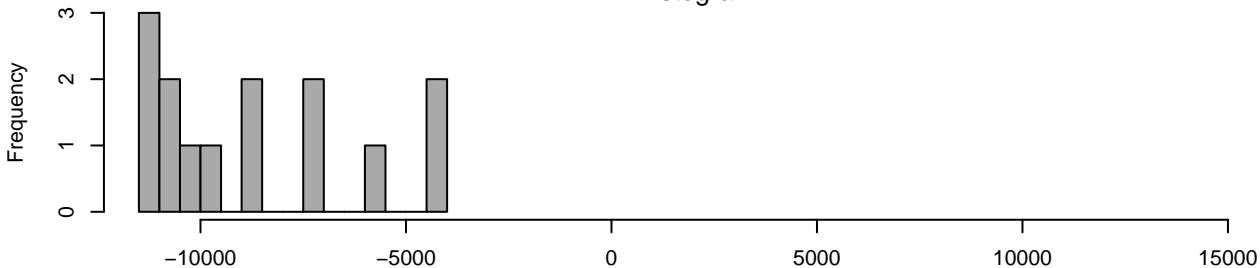
Golgi Cisternae Pericentriolar Stack Reorganization

beeswarm plot



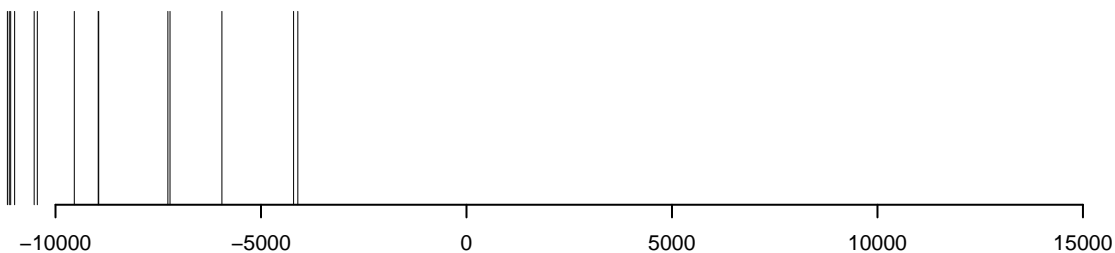
ranked DE score in: x

histogram



ranked DE score in: x

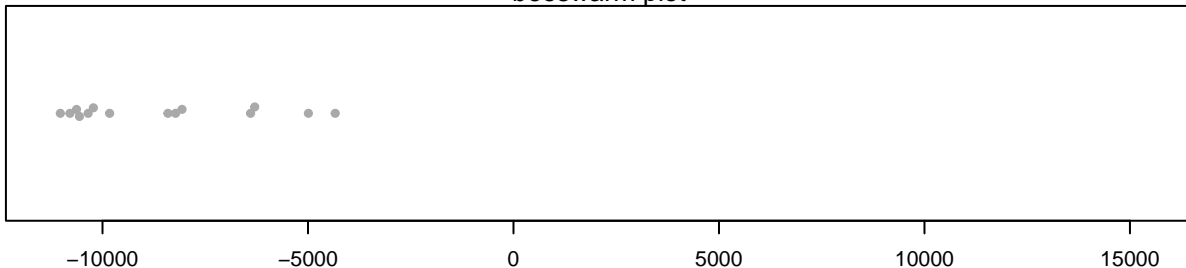
rugplot



ranked DE score in: x

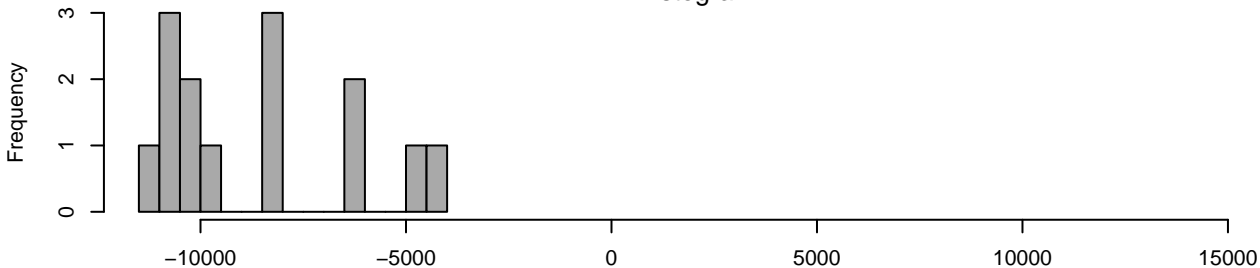
APC truncation mutants have impaired AXIN binding

beeswarm plot



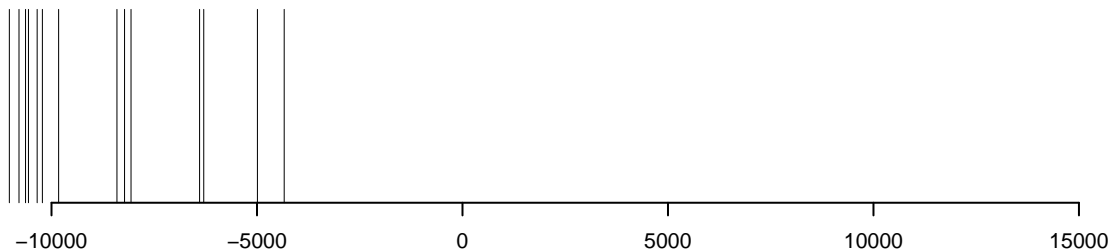
ranked DE score in: x

histogram



ranked DE score in: x

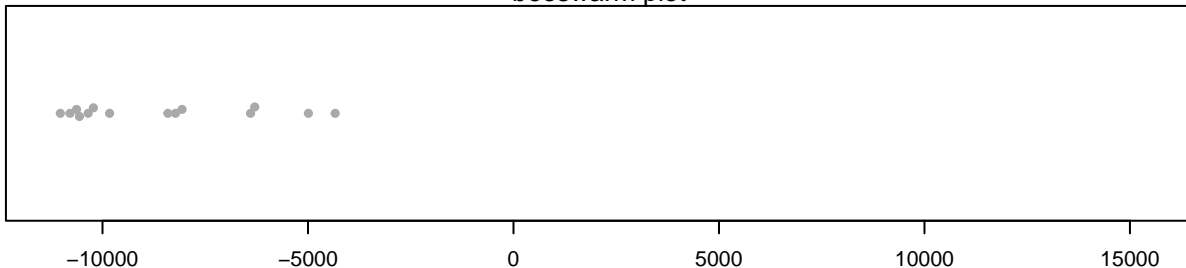
rugplot



ranked DE score in: x

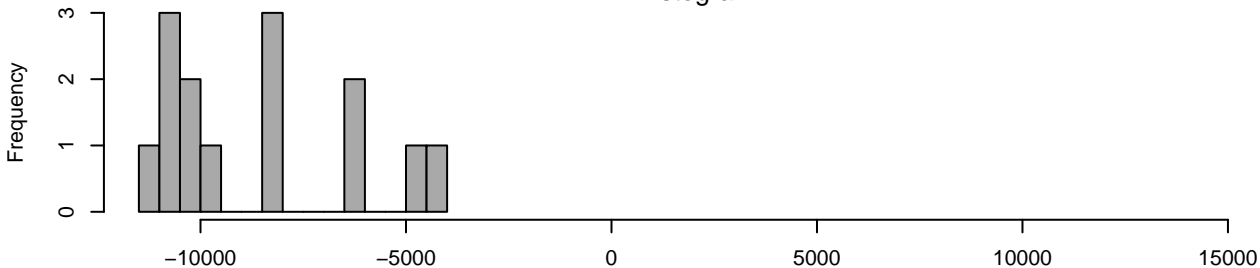
AXIN missense mutants destabilize the destruction complex

beeswarm plot



ranked DE score in: x

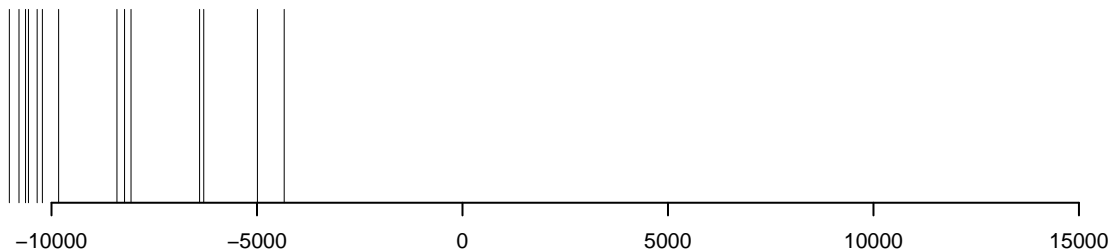
histogram



Frequency

ranked DE score in: x

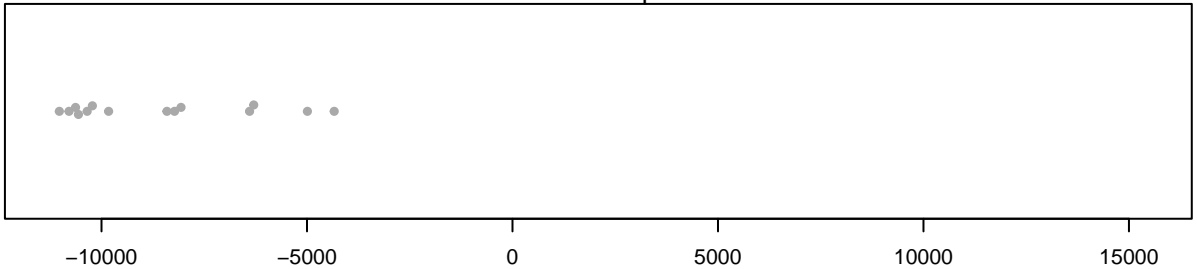
rugplot



ranked DE score in: x

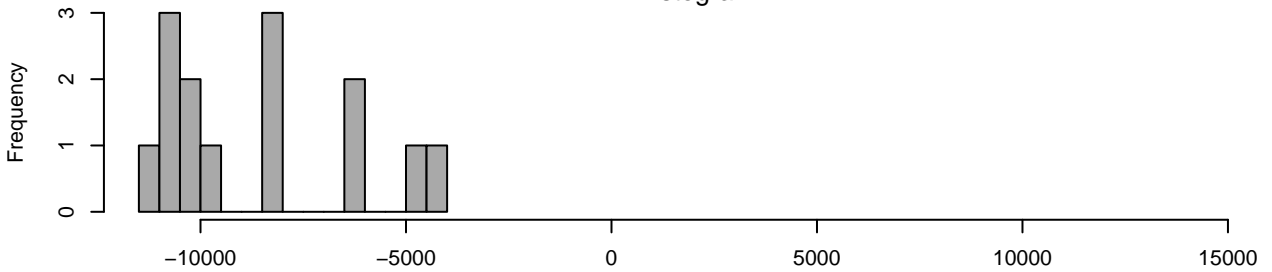
Signaling by AMER1 mutants

beeswarm plot



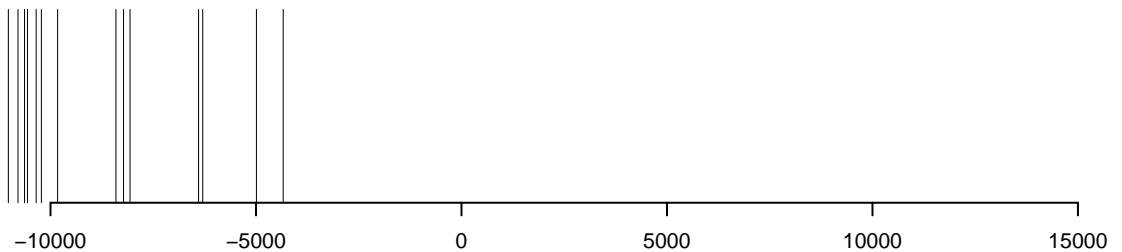
ranked DE score in: x

histogram



ranked DE score in: x

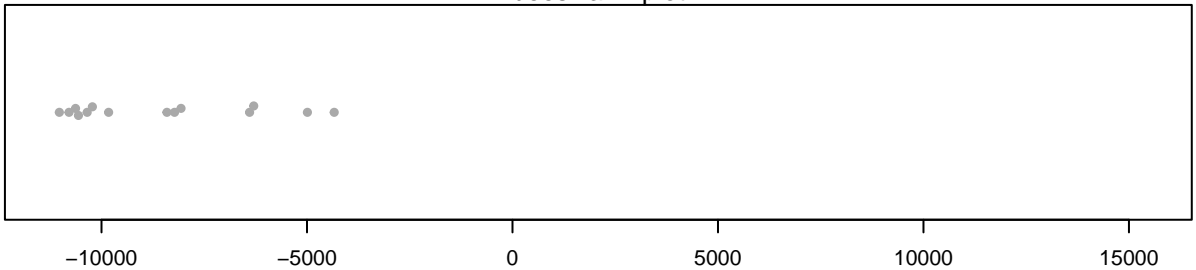
rugplot



ranked DE score in: x

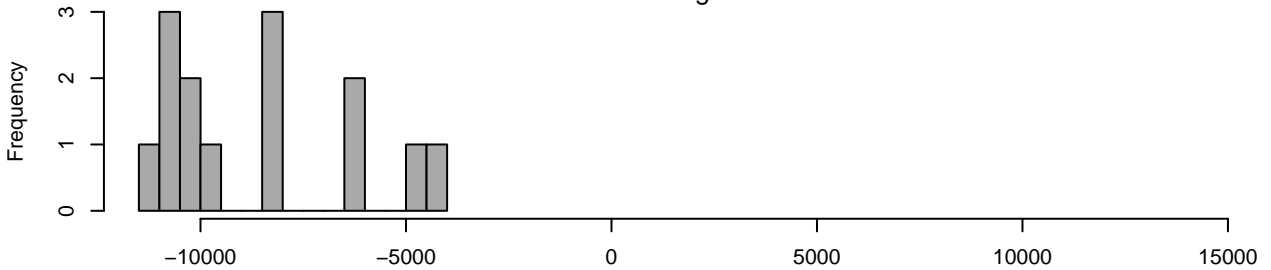
Signaling by APC mutants

beeswarm plot



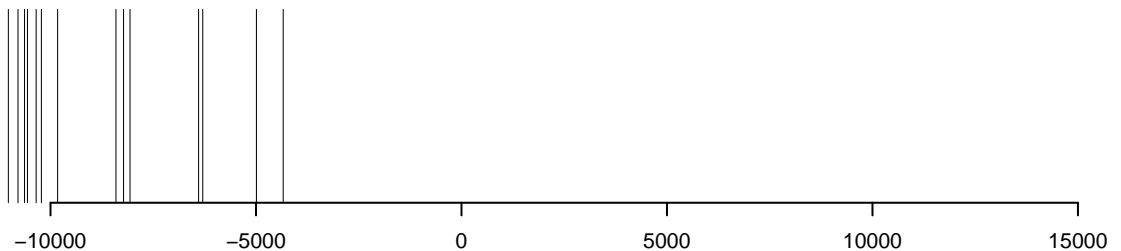
ranked DE score in: x

histogram



ranked DE score in: x

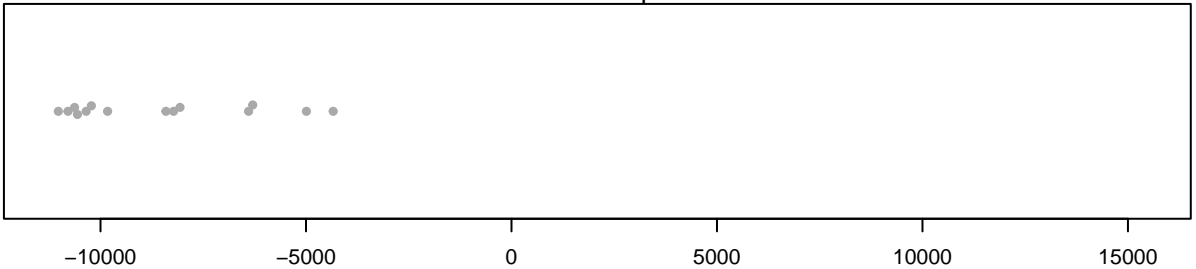
rugplot



ranked DE score in: x

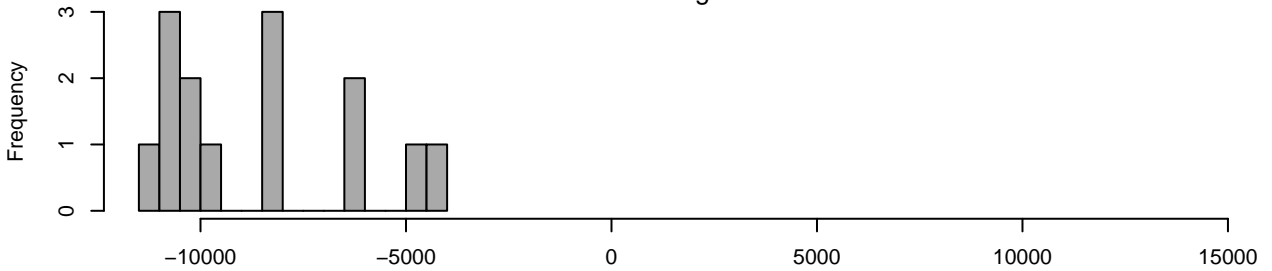
Signaling by AXIN mutants

beeswarm plot



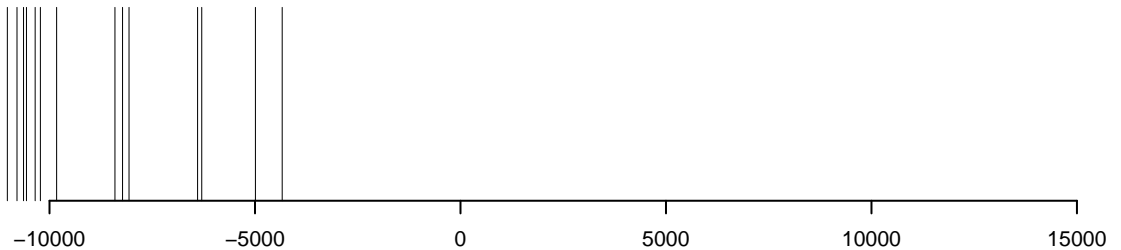
ranked DE score in: x

histogram



ranked DE score in: x

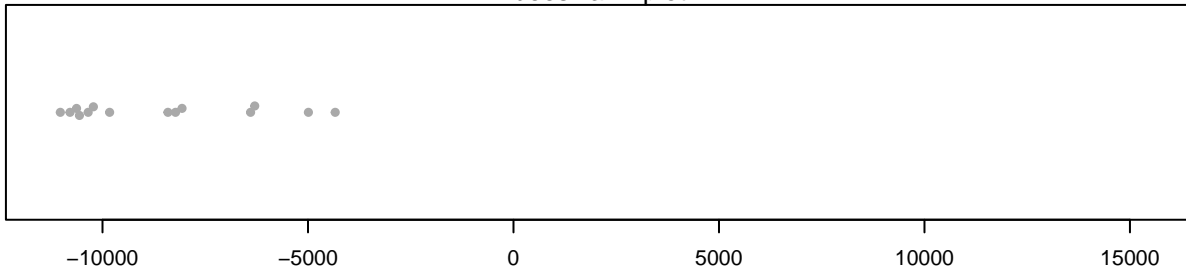
rugplot



ranked DE score in: x

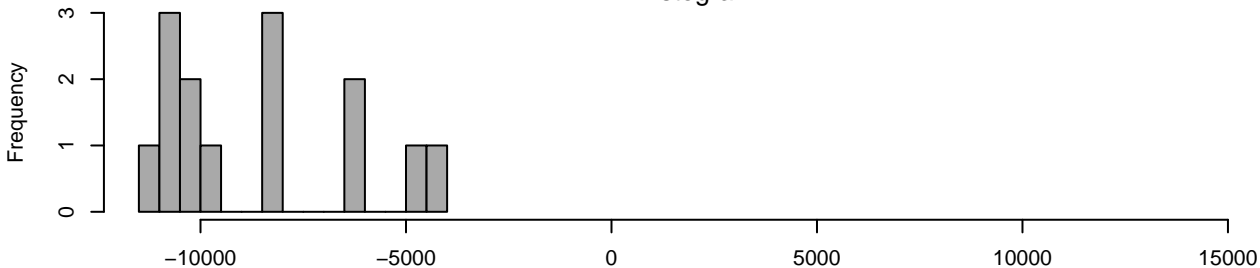
Truncations of AMER1 destabilize the destruction complex

beeswarm plot



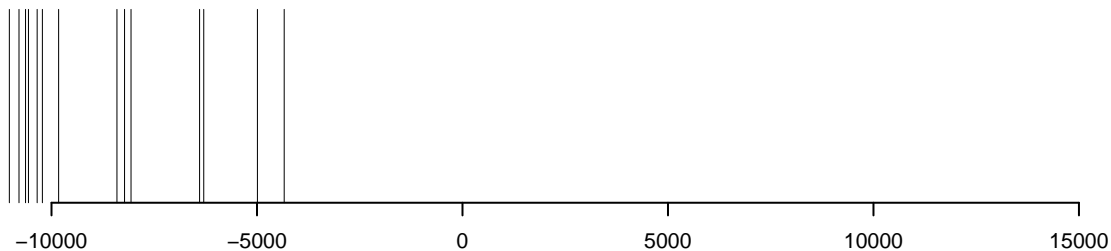
ranked DE score in: x

histogram



ranked DE score in: x

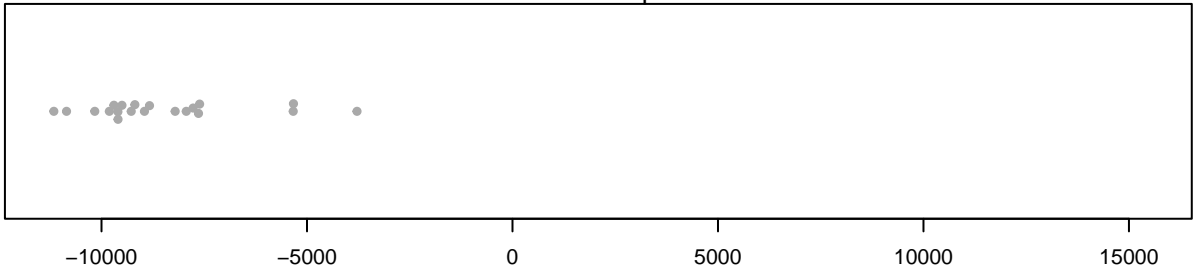
rugplot



ranked DE score in: x

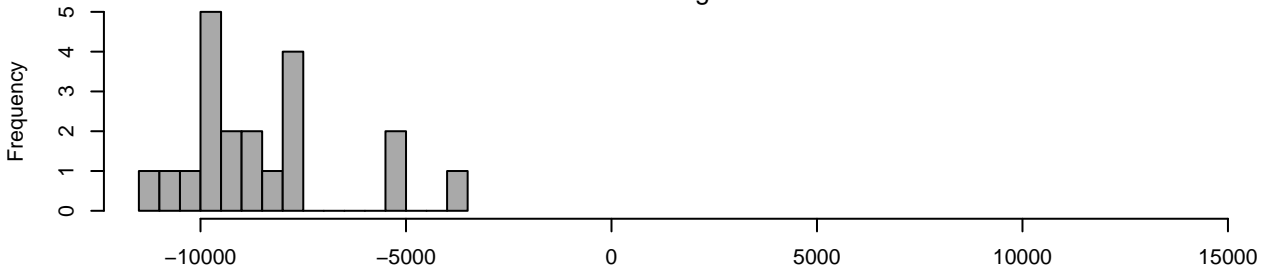
Signaling by Hippo

beeswarm plot



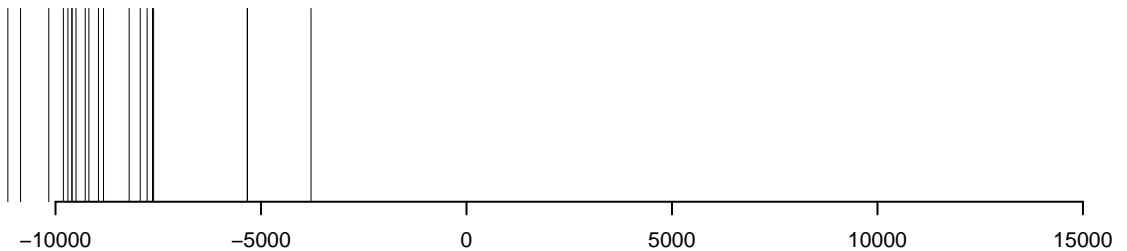
ranked DE score in: x

histogram



ranked DE score in: x

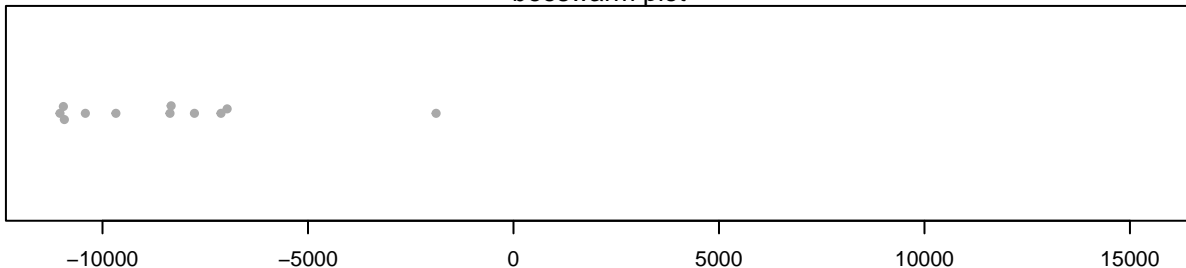
rugplot



ranked DE score in: x

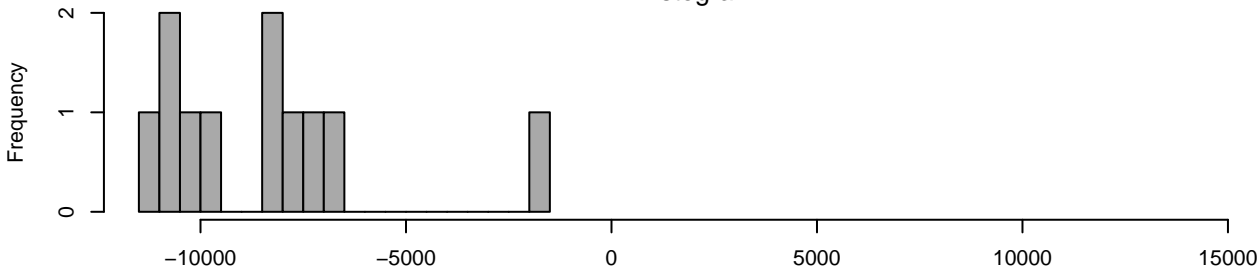
MET activates RAP1 and RAC1

beeswarm plot



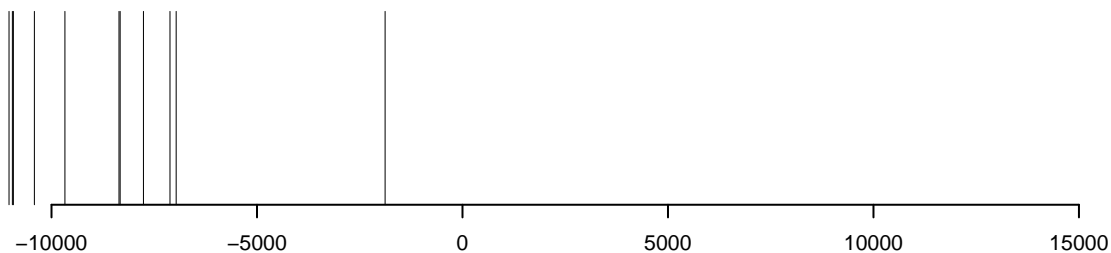
ranked DE score in: x

histogram



ranked DE score in: x

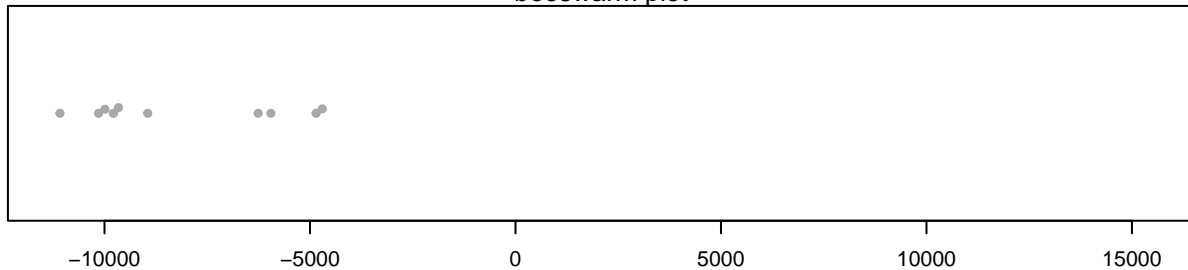
rugplot



ranked DE score in: x

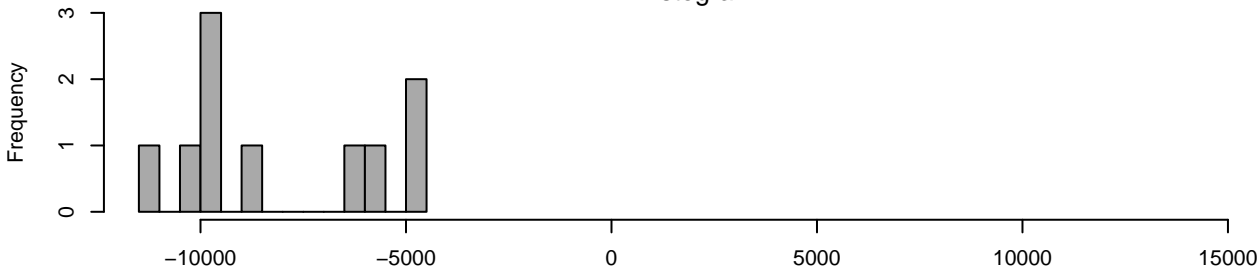
MAPK3 (ERK1) activation

beeswarm plot



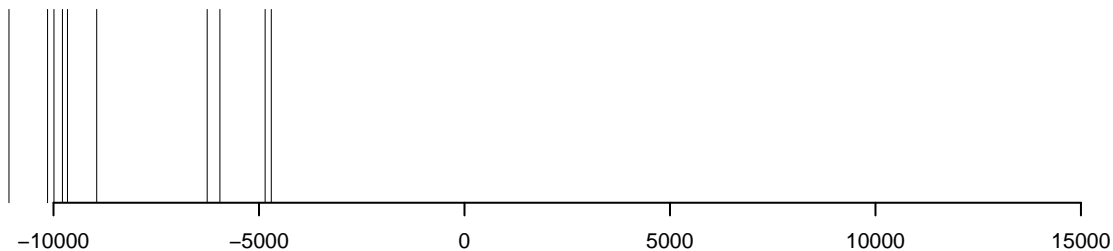
ranked DE score in: x

histogram



ranked DE score in: x

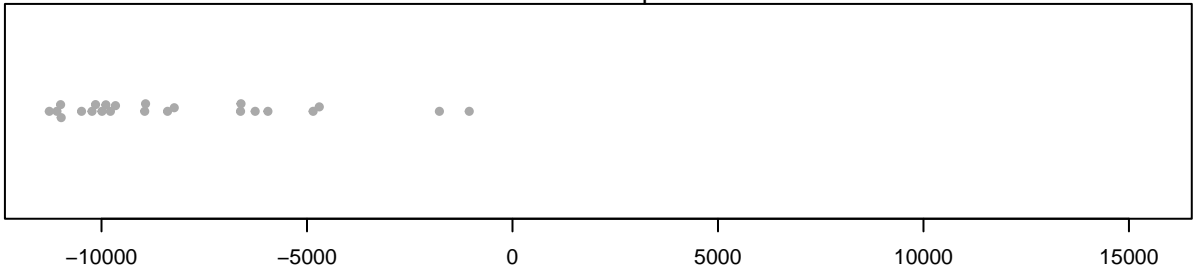
rugplot



ranked DE score in: x

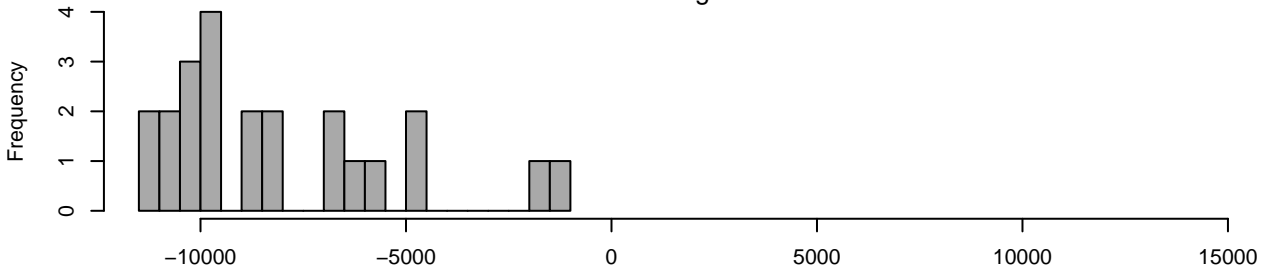
RAF-independent MAPK1/3 activation

beeswarm plot



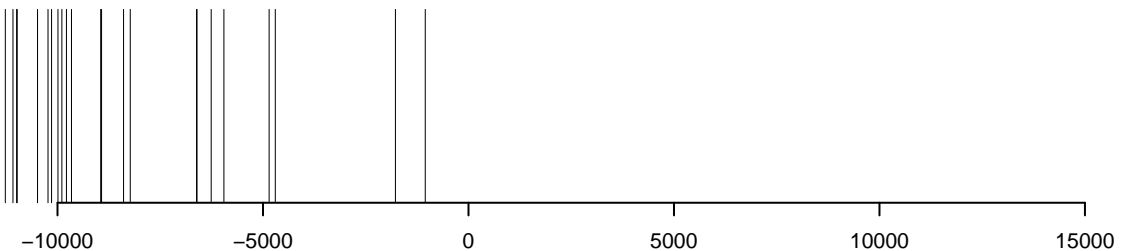
ranked DE score in: x

histogram



ranked DE score in: x

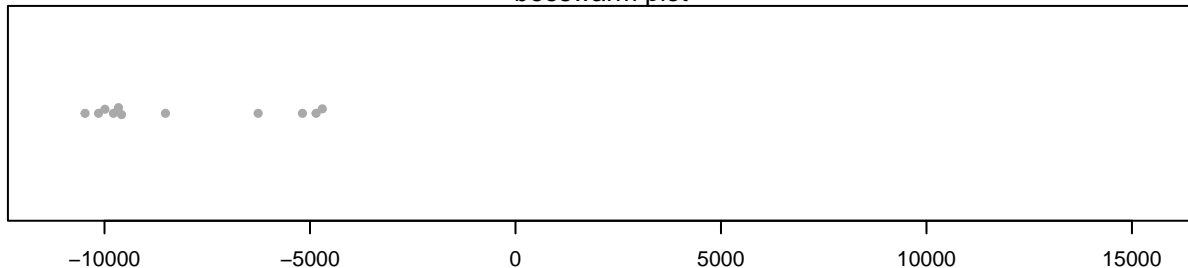
rugplot



ranked DE score in: x

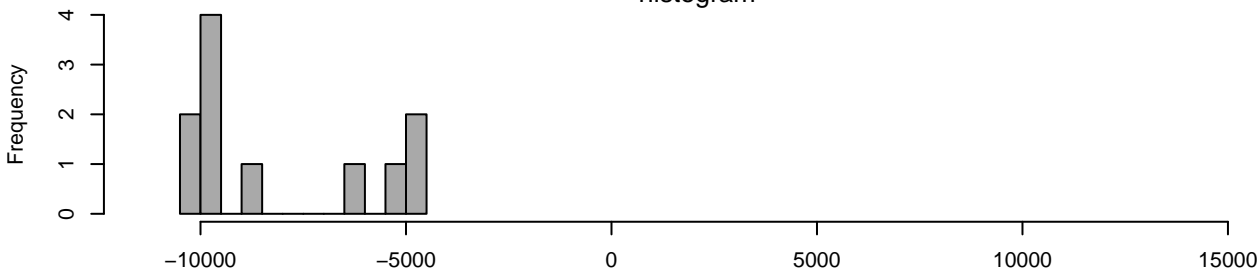
Interleukin-6 signaling

beeswarm plot



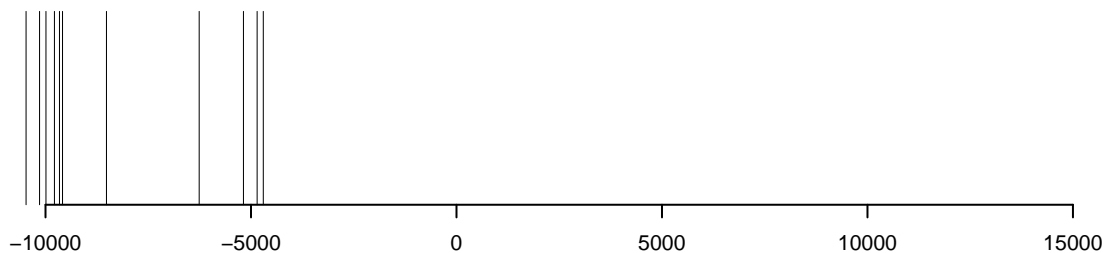
ranked DE score in: x

histogram



ranked DE score in: x

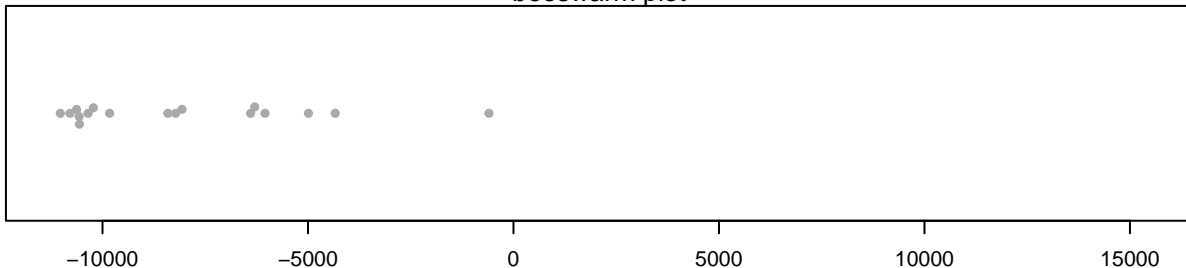
rugplot



ranked DE score in: x

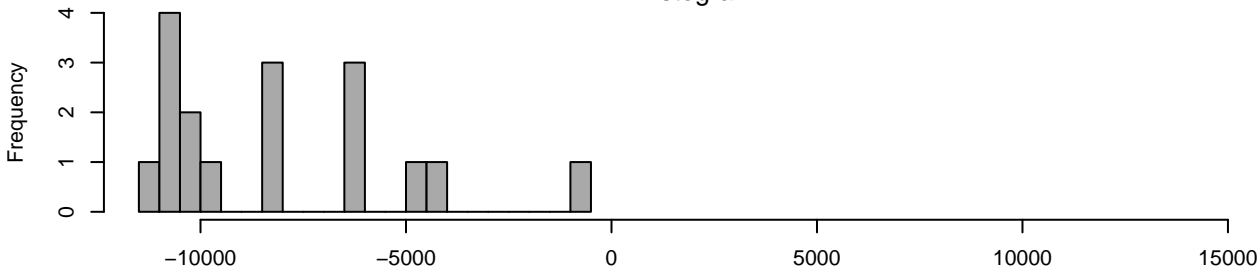
Beta-catenin phosphorylation cascade

beeswarm plot



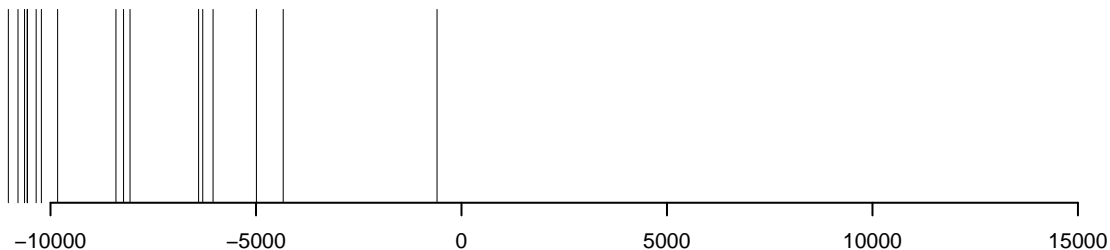
ranked DE score in: x

histogram



ranked DE score in: x

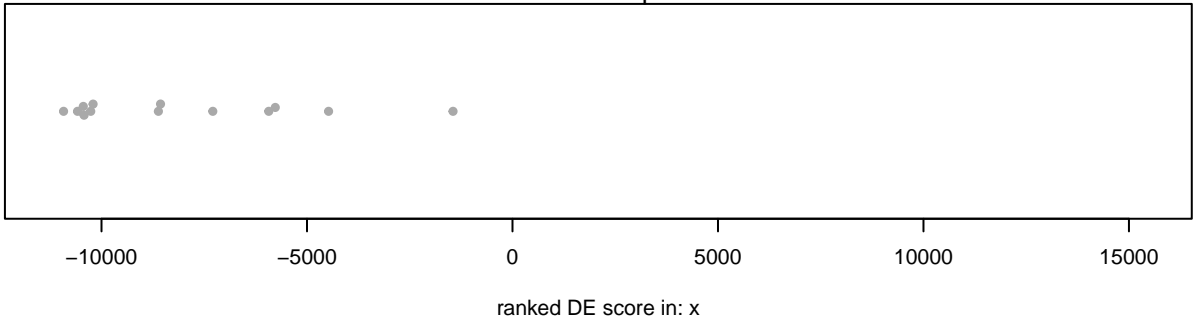
rugplot



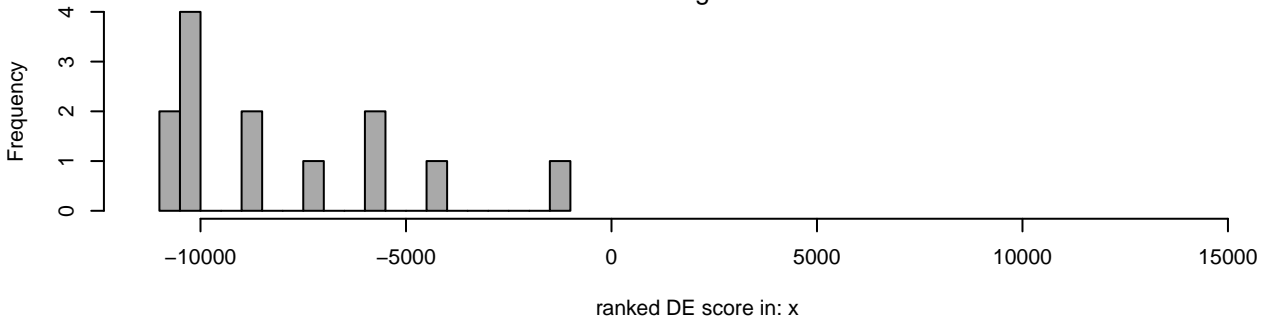
ranked DE score in: x

Mitotic Telophase/Cytokinesis

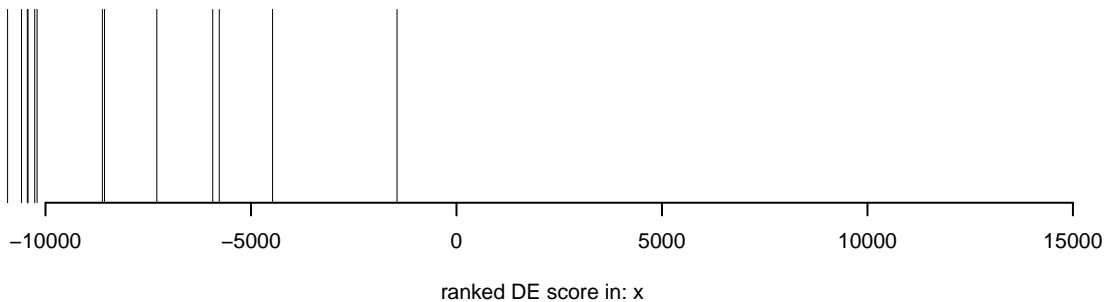
beeswarm plot



histogram

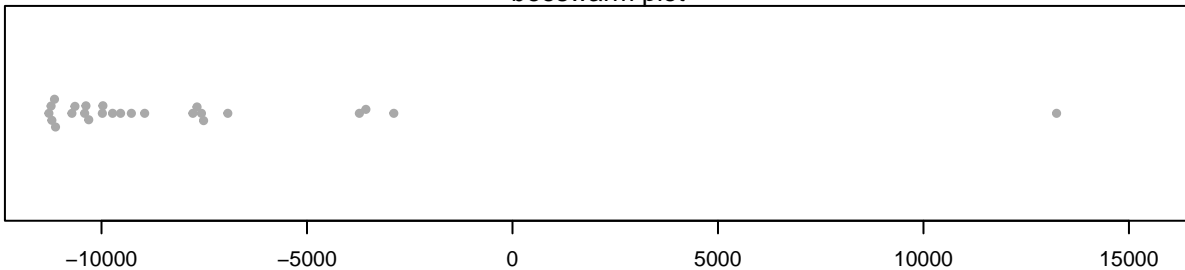


rugplot



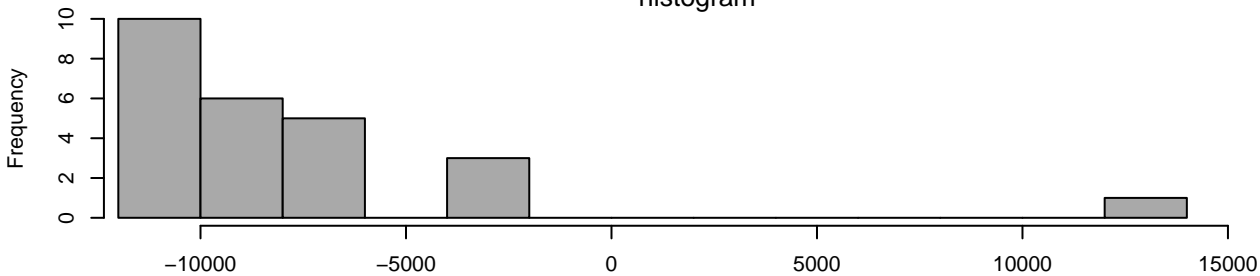
Antigen Presentation: Folding, assembly and peptide loading of class I MHC

beeswarm plot



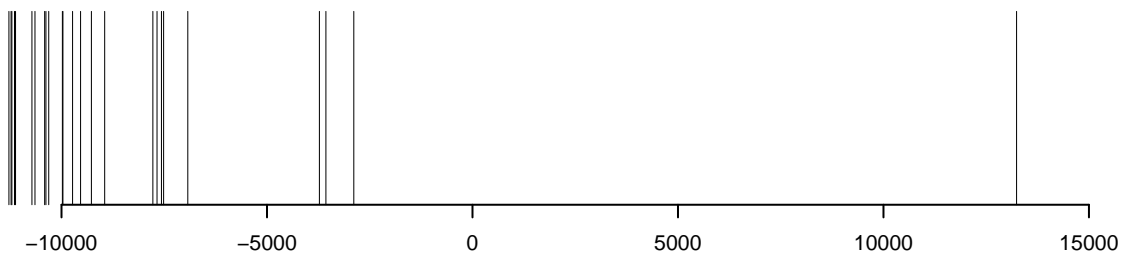
ranked DE score in: x

histogram



ranked DE score in: x

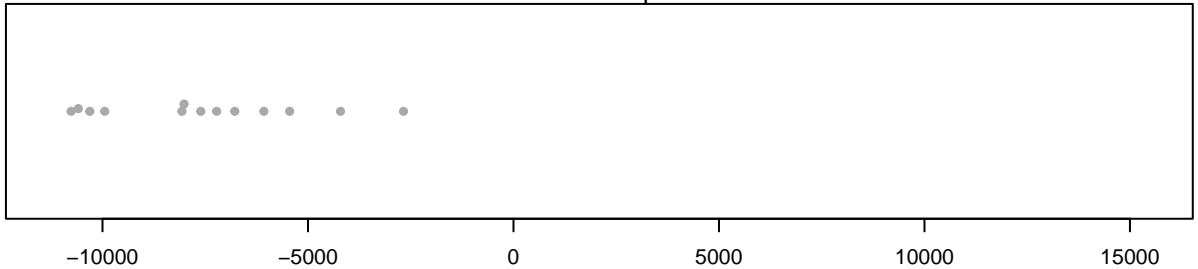
rugplot



ranked DE score in: x

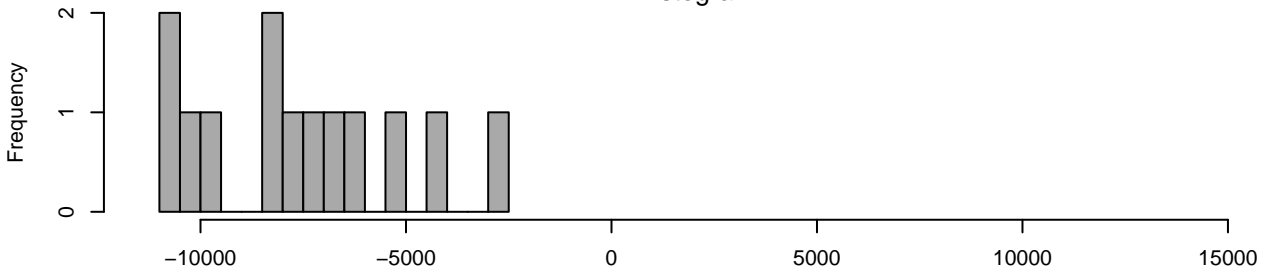
Defective EXT1 causes exostoses 1, TRPS2 and CHDS

beeswarm plot



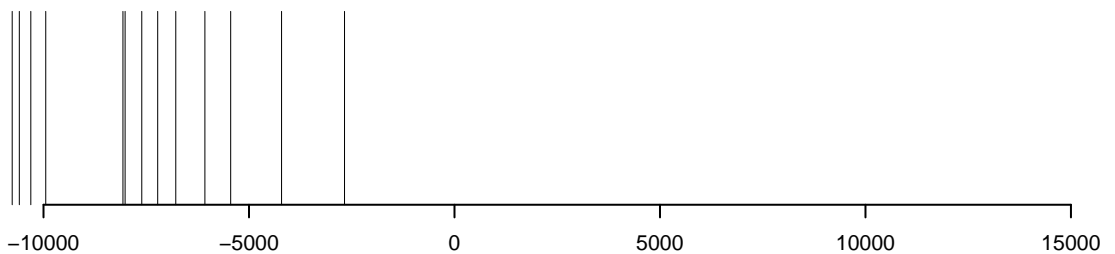
ranked DE score in: x

histogram



ranked DE score in: x

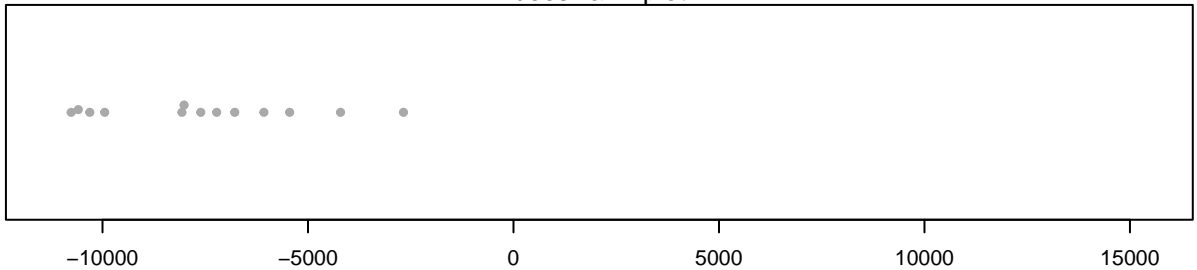
rugplot



ranked DE score in: x

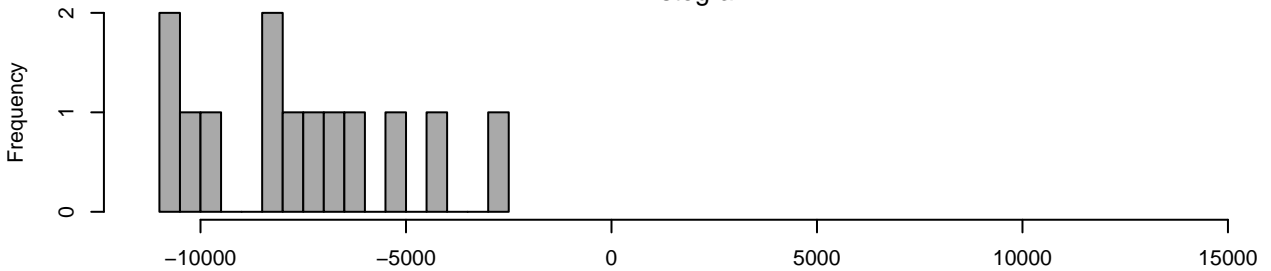
Defective EXT2 causes exostoses 2

beeswarm plot



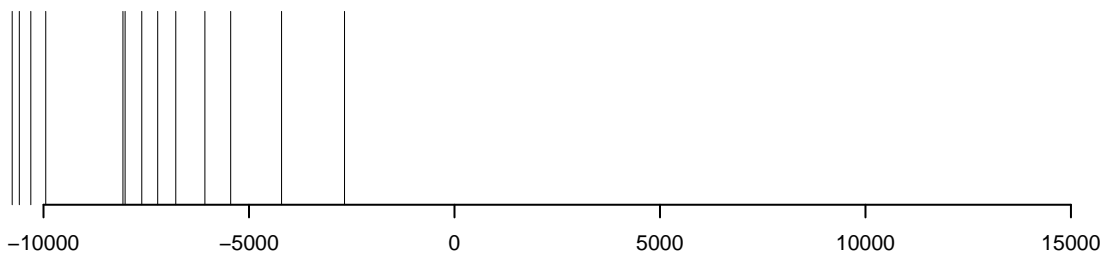
ranked DE score in: x

histogram



ranked DE score in: x

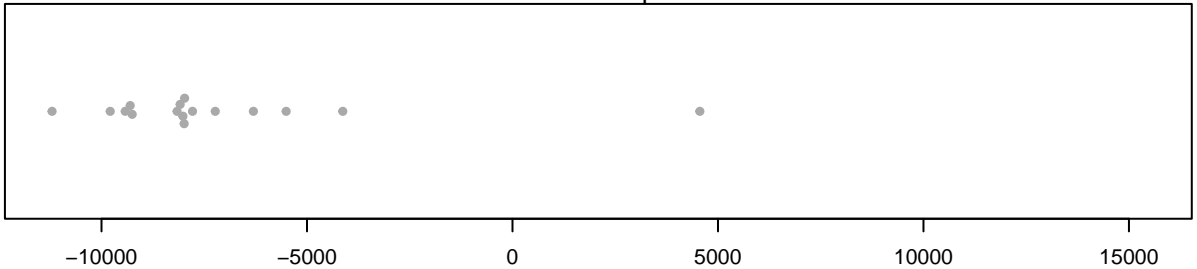
rugplot



ranked DE score in: x

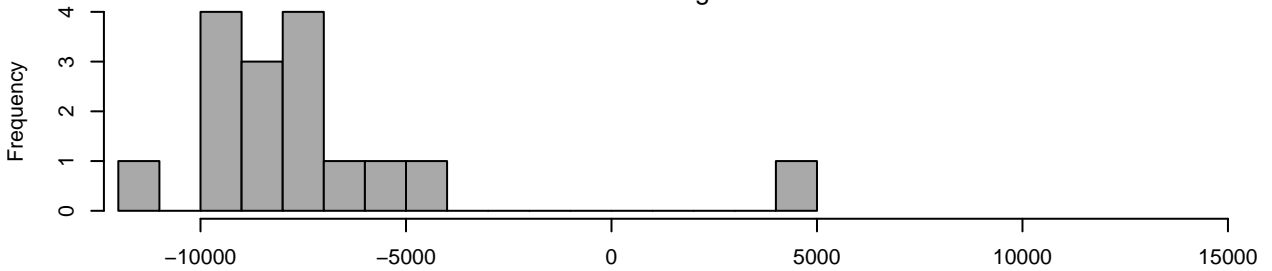
Synthesis of PIPs at the early endosome membrane

beeswarm plot



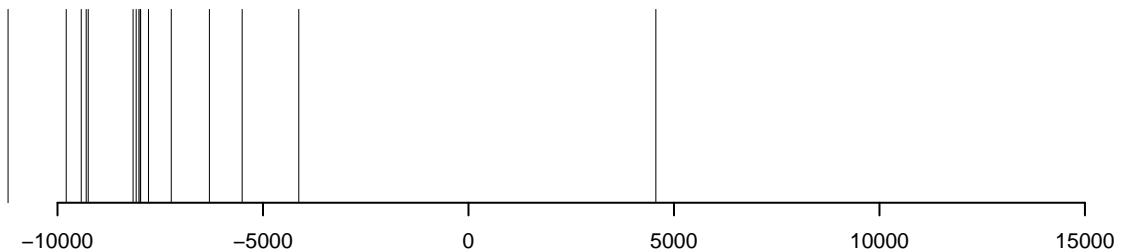
ranked DE score in: x

histogram



ranked DE score in: x

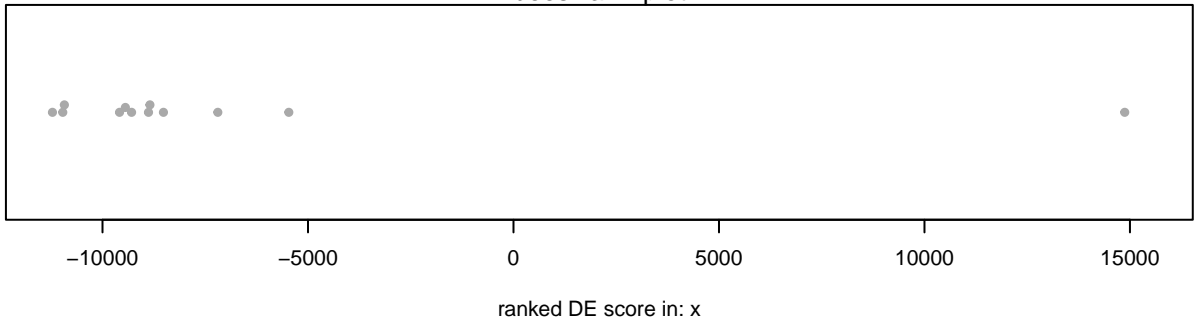
rugplot



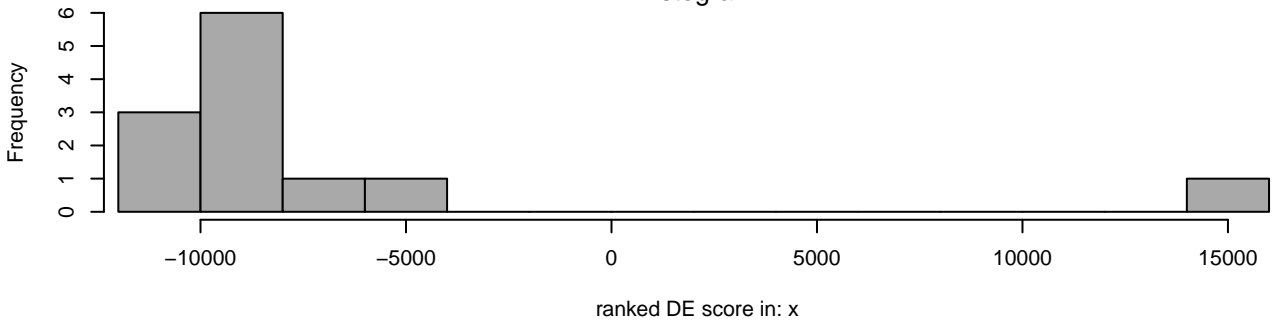
ranked DE score in: x

Signaling by PDGFRA extracellular domain mutants

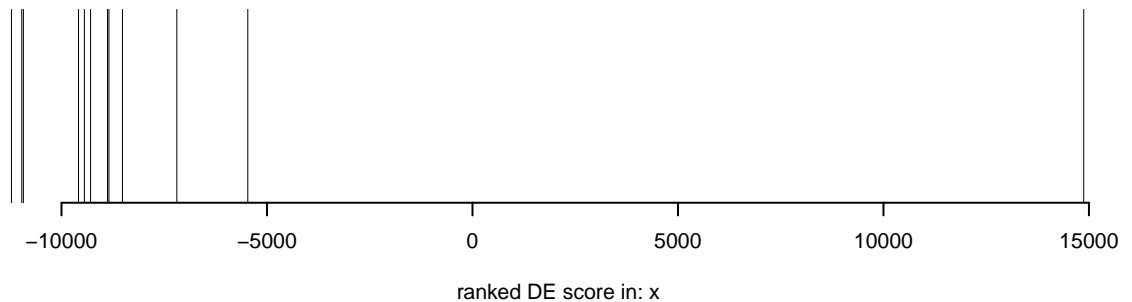
beeswarm plot



histogram

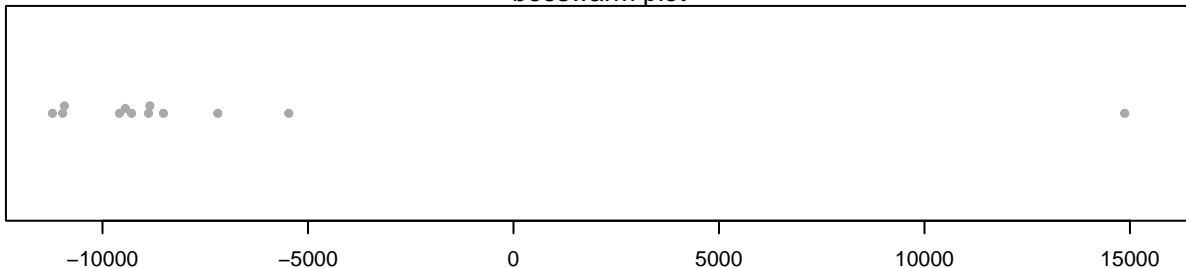


rugplot



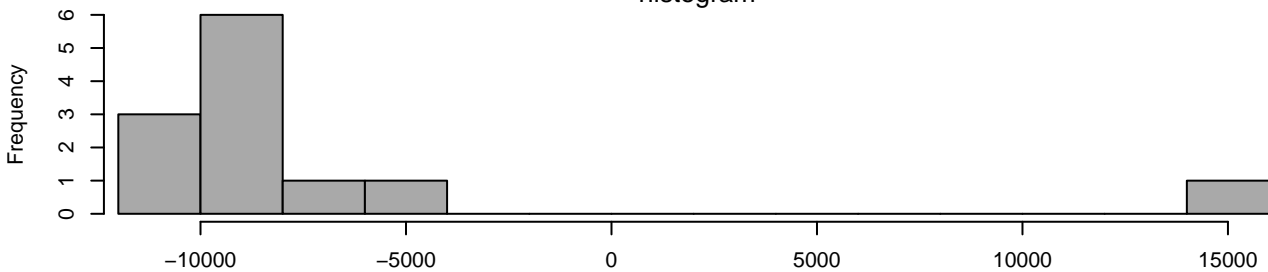
Signaling by PDGFRA transmembrane, juxtamembrane and kinase domain mutants

beeswarm plot



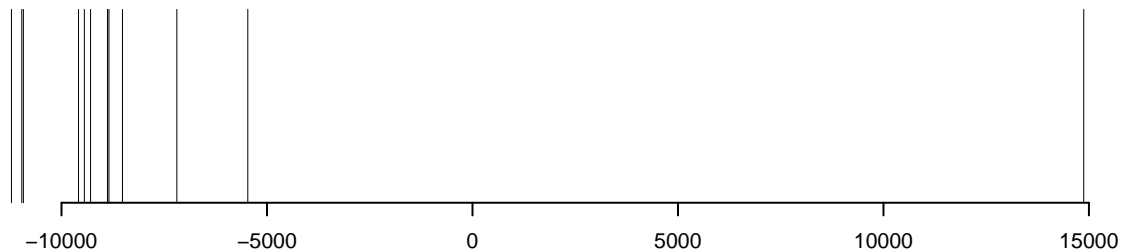
ranked DE score in: x

histogram



ranked DE score in: x

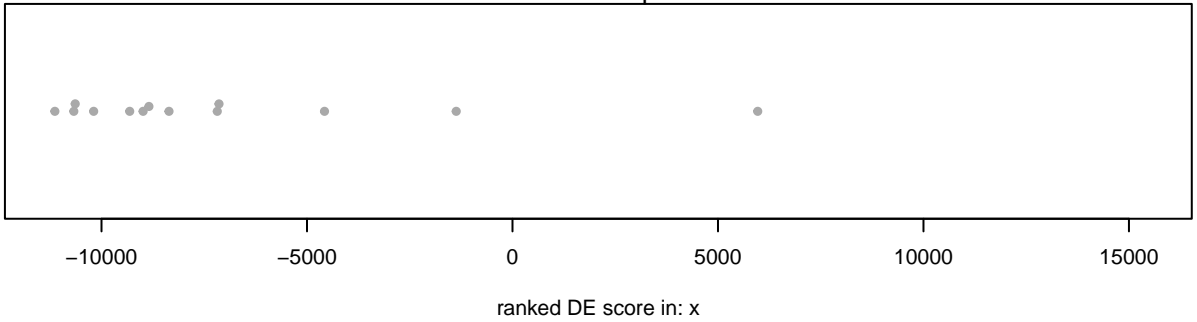
rugplot



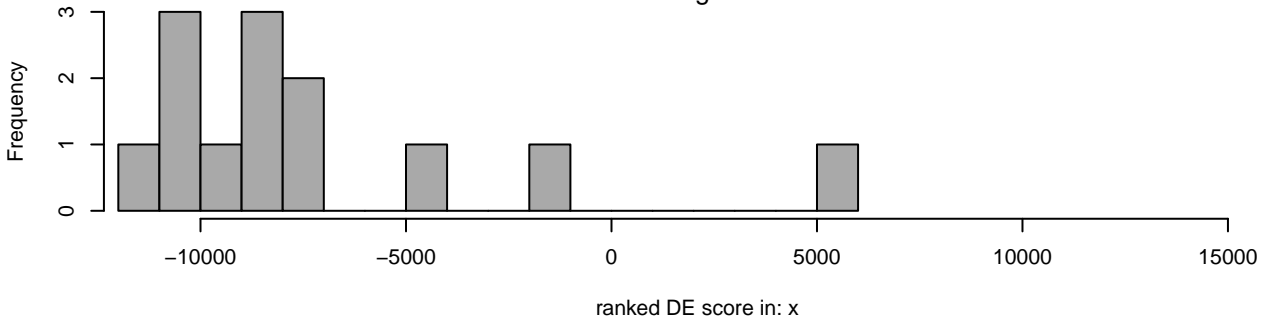
ranked DE score in: x

Activation of RAC1

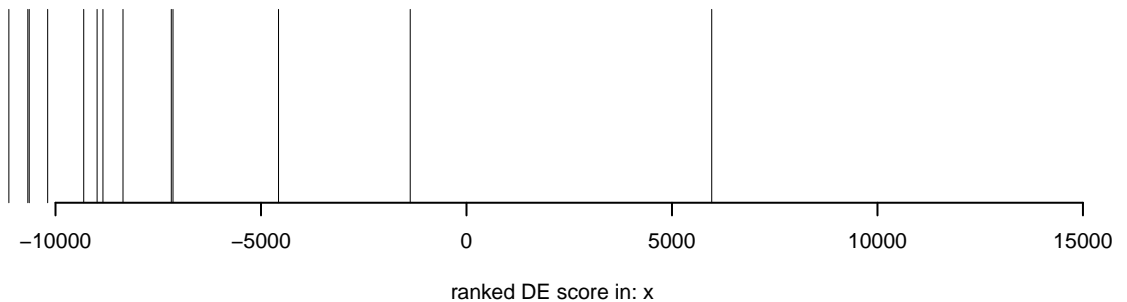
beeswarm plot



histogram

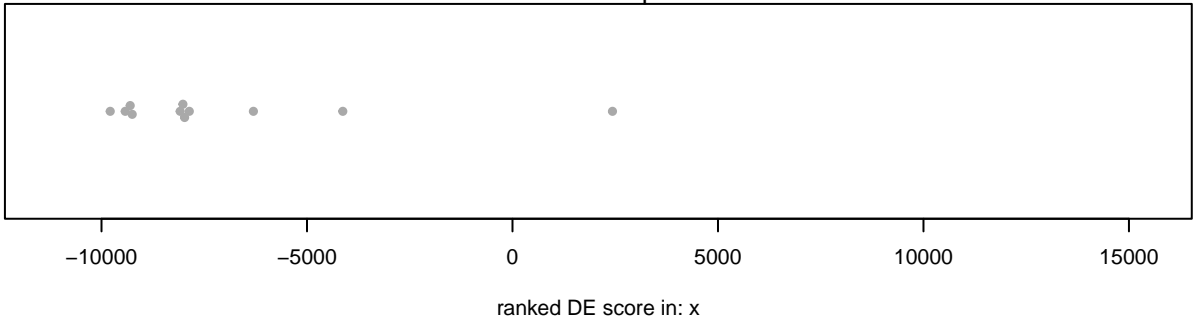


rugplot

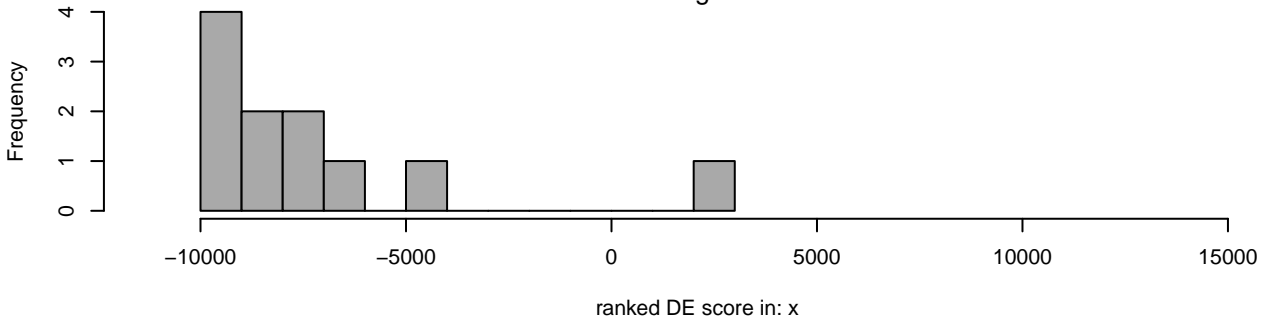


Synthesis of PIPs at the late endosome membrane

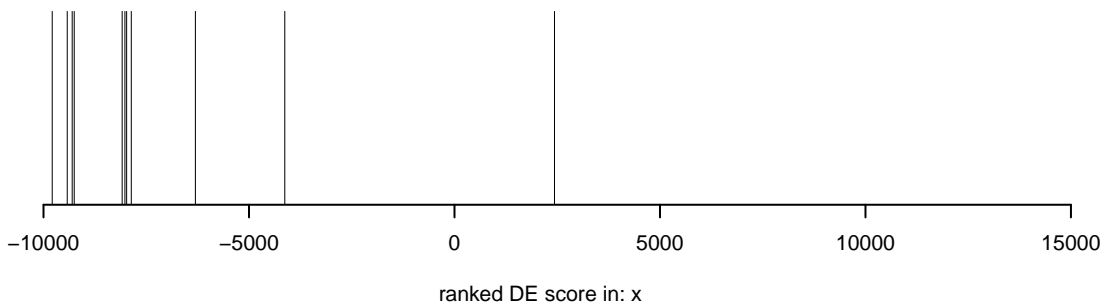
beeswarm plot



histogram

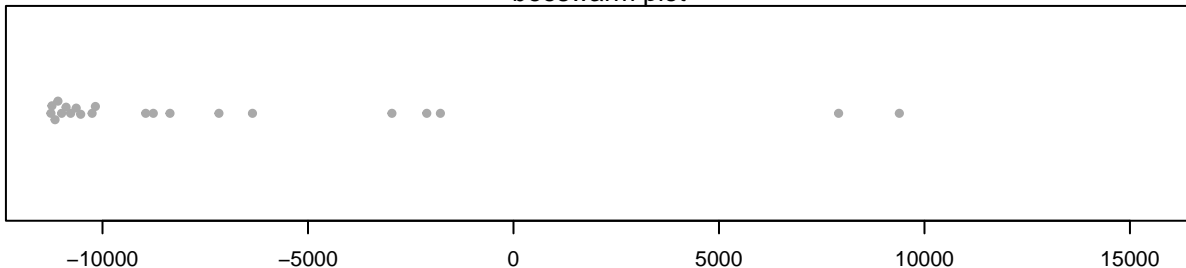


rugplot

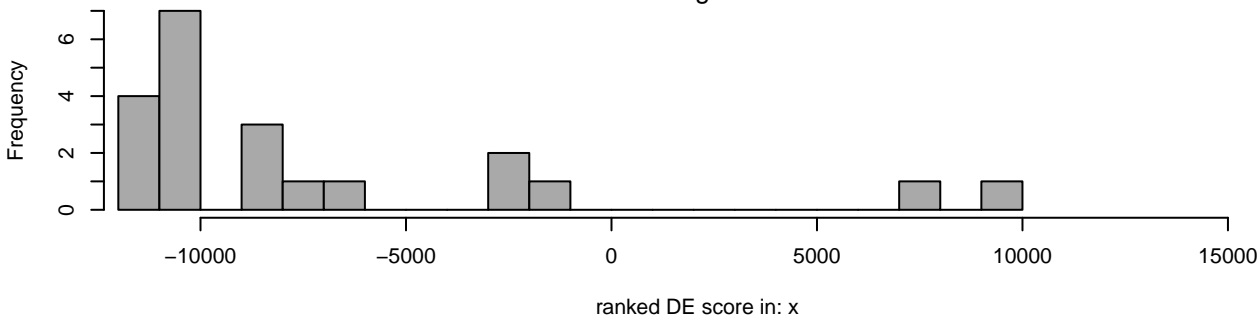


Signal transduction by L1

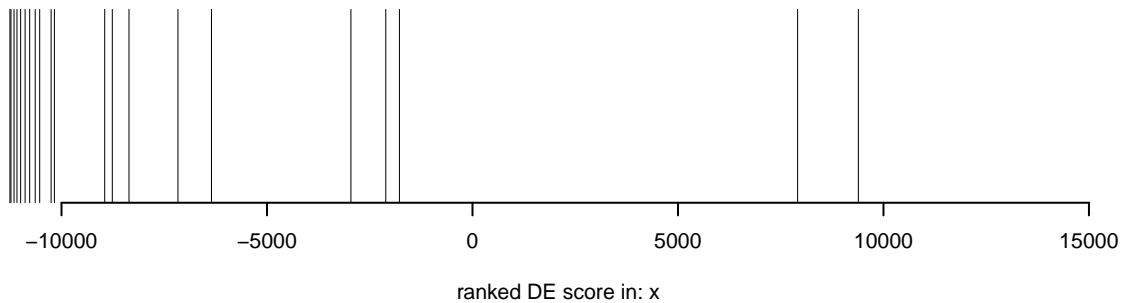
beeswarm plot



histogram

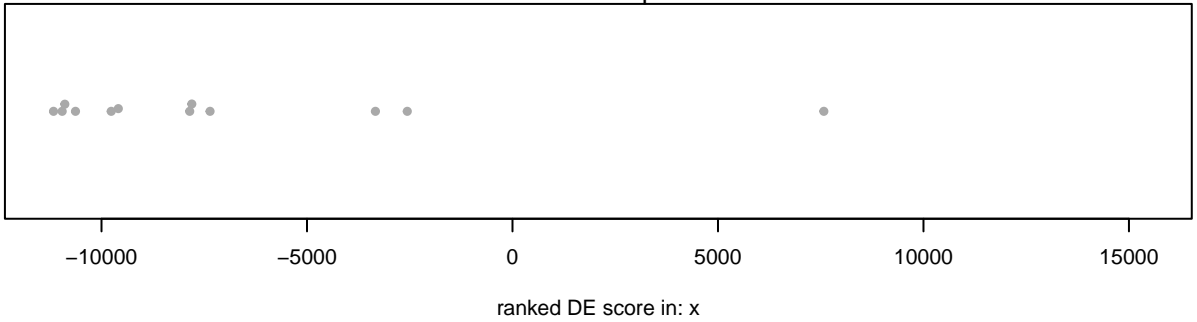


rugplot

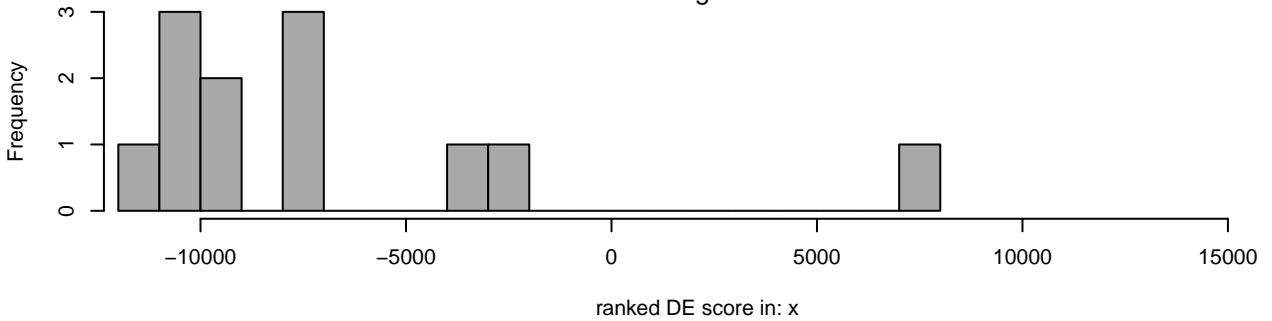


ALK mutants bind TKIs

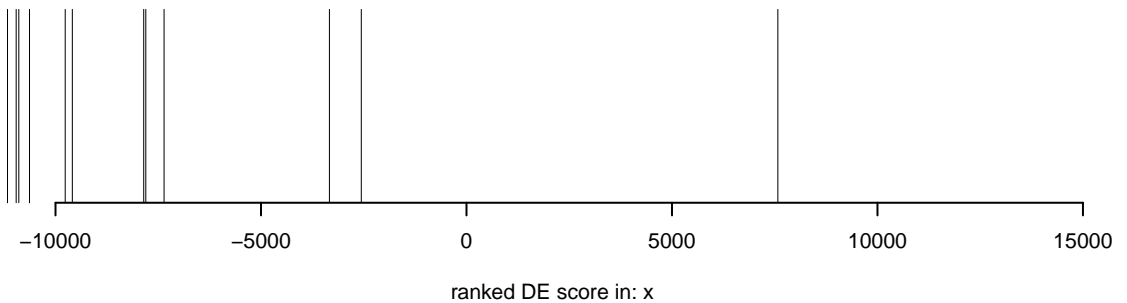
beeswarm plot



histogram

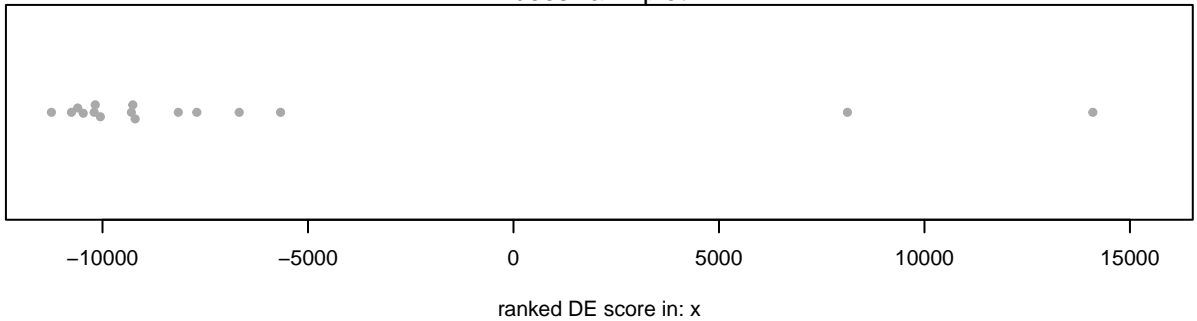


rugplot

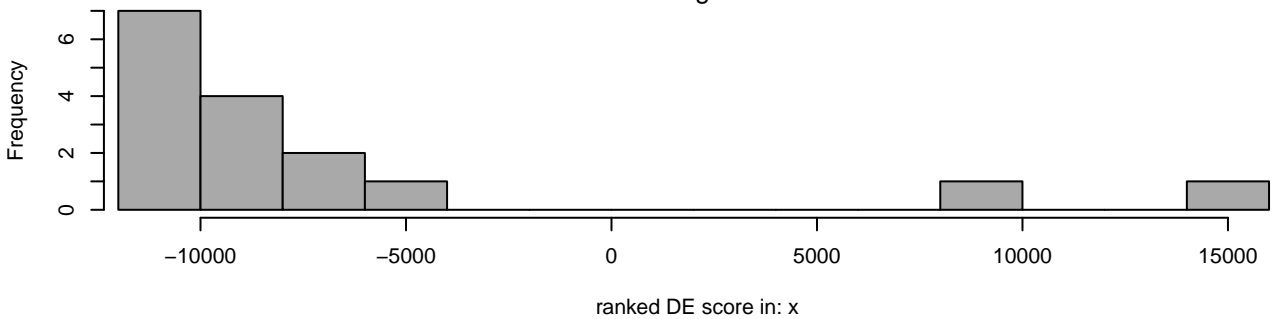


FOXO-mediated transcription of cell cycle genes

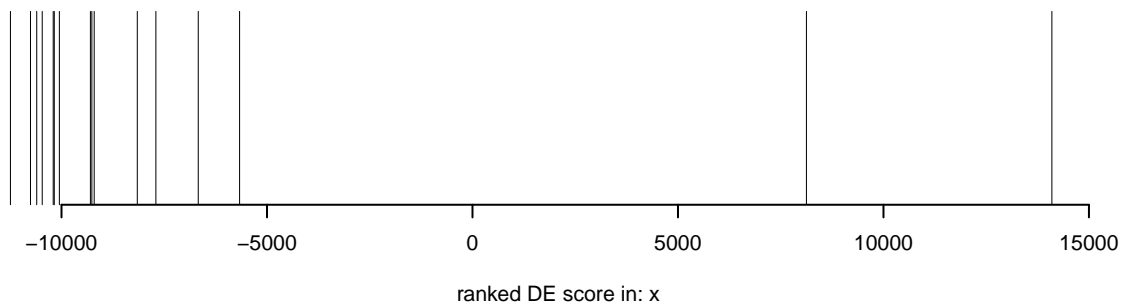
beeswarm plot



histogram

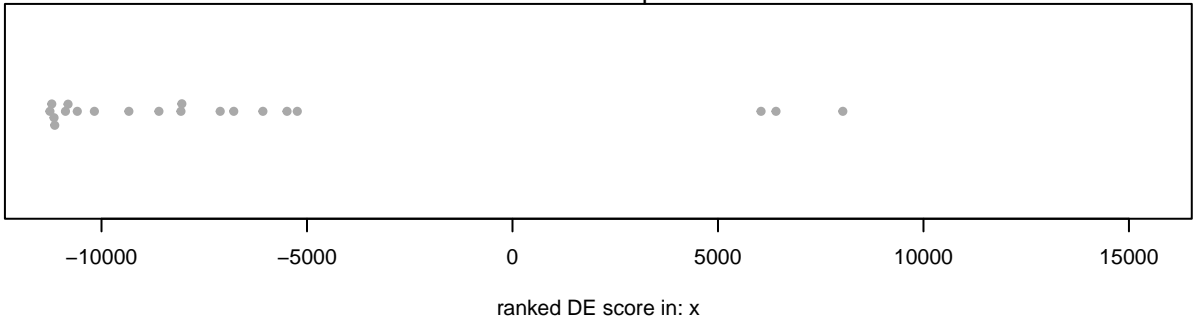


rugplot

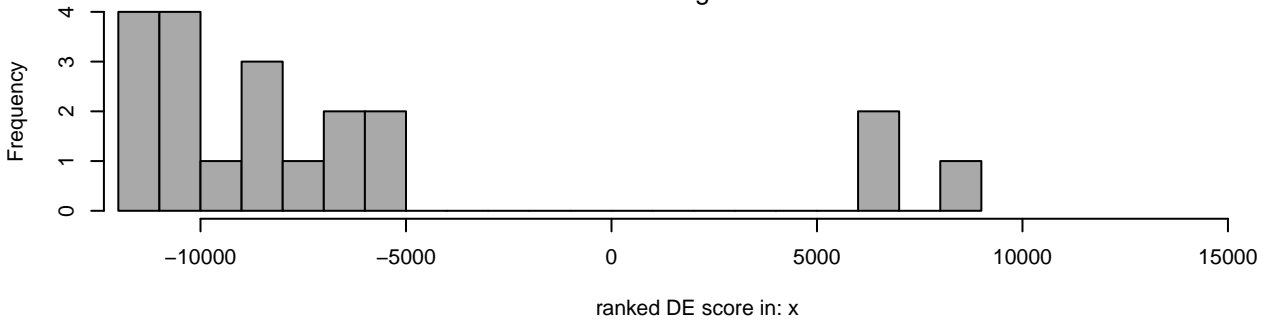


Syndecan interactions

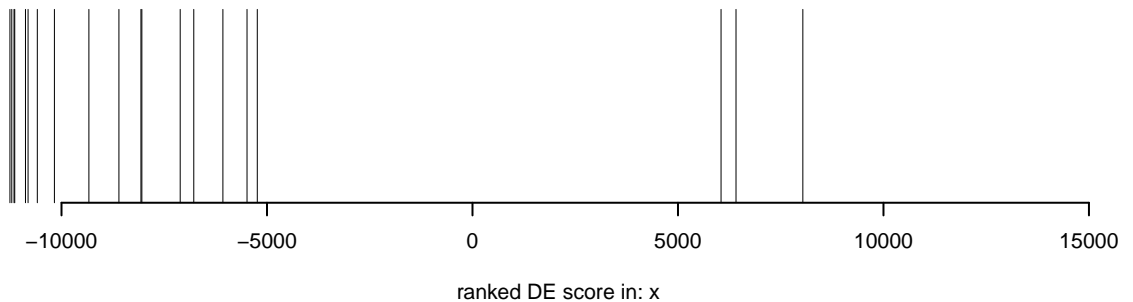
beeswarm plot



histogram

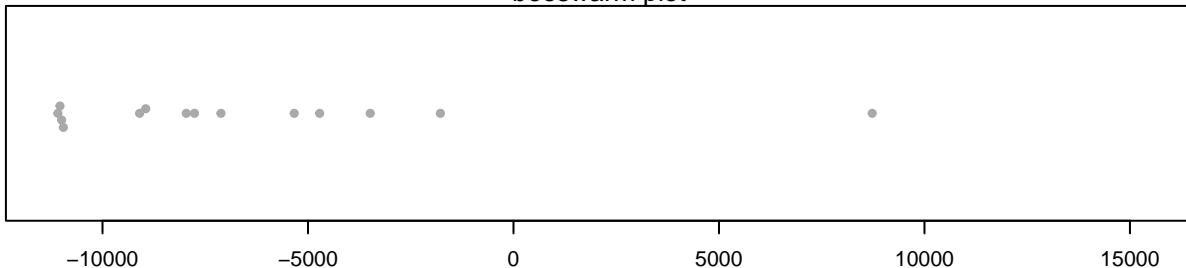


rugplot



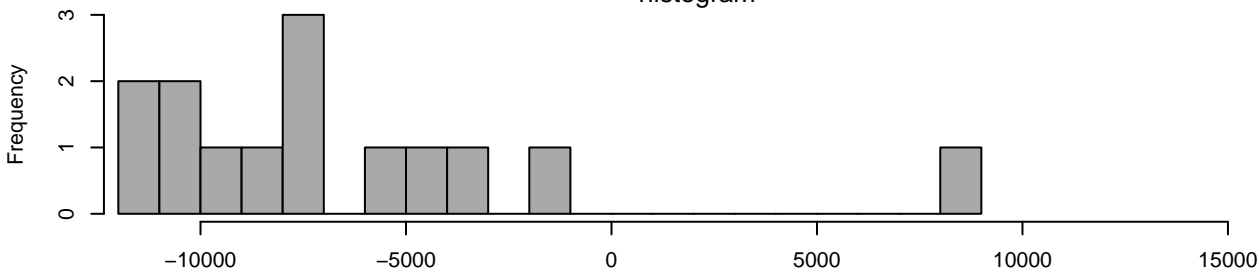
Prolonged ERK activation events

beeswarm plot



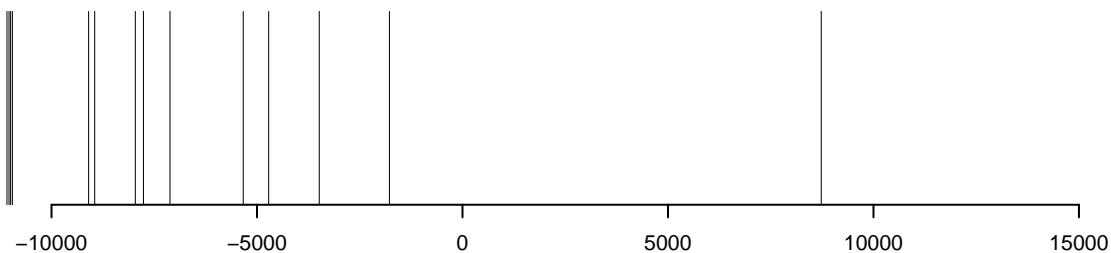
ranked DE score in: x

histogram



ranked DE score in: x

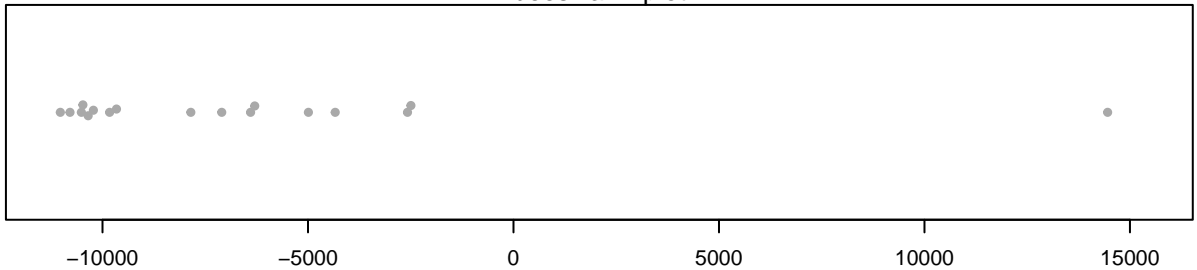
rugplot



ranked DE score in: x

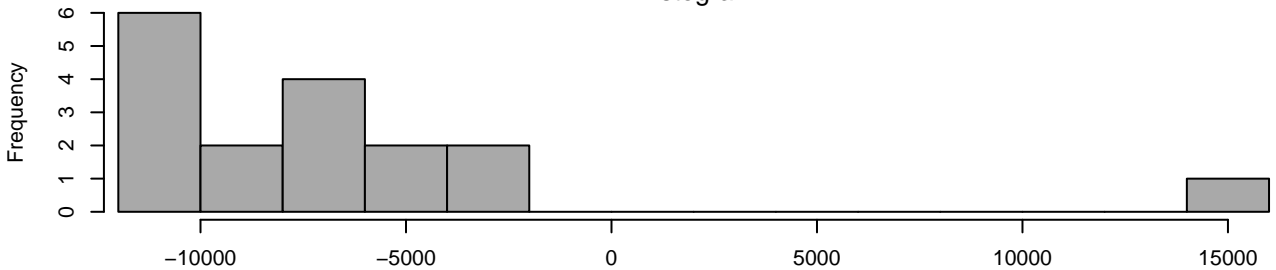
CTLA4 inhibitory signaling

beeswarm plot



ranked DE score in: x

histogram



Frequency

-10000

-5000

0

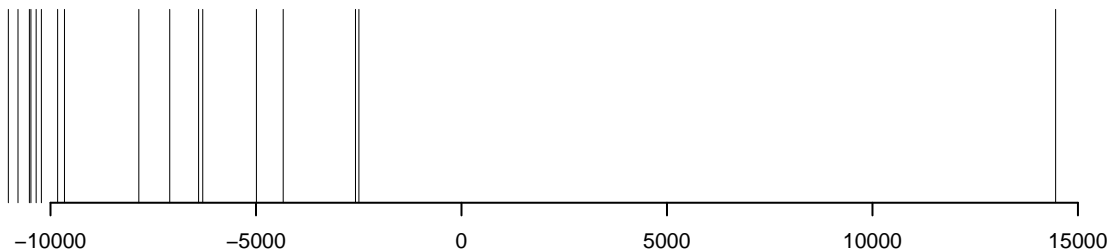
5000

10000

15000

ranked DE score in: x

rugplot



-10000

-5000

0

5000

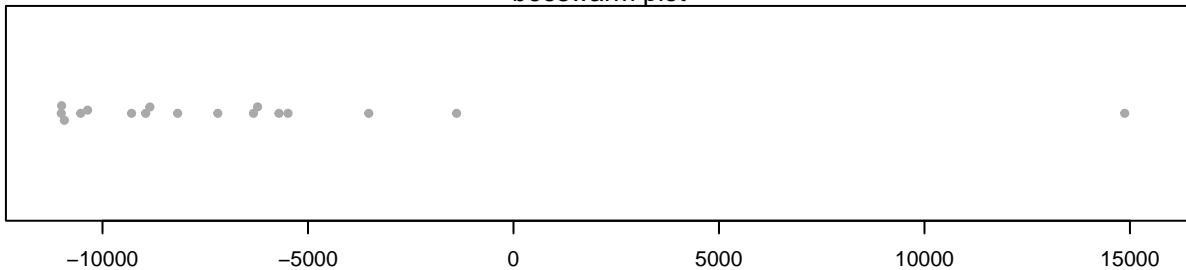
10000

15000

ranked DE score in: x

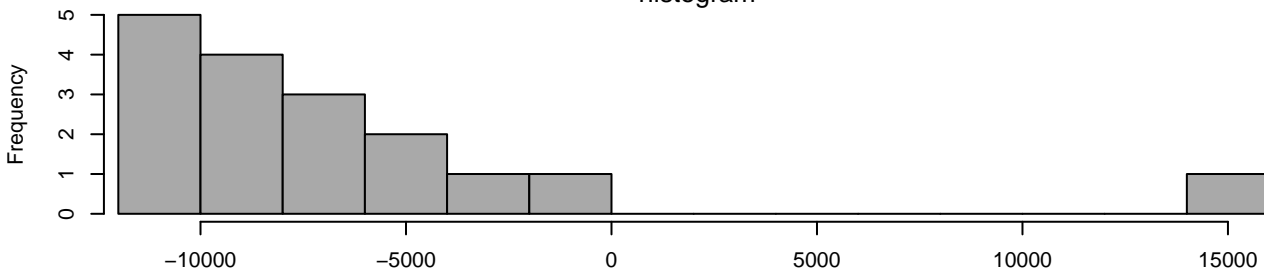
Gastrin-CREB signalling pathway via PKC and MAPK

beeswarm plot



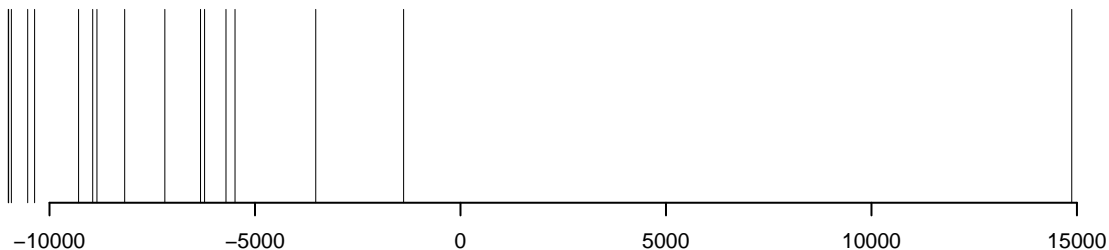
ranked DE score in: x

histogram



ranked DE score in: x

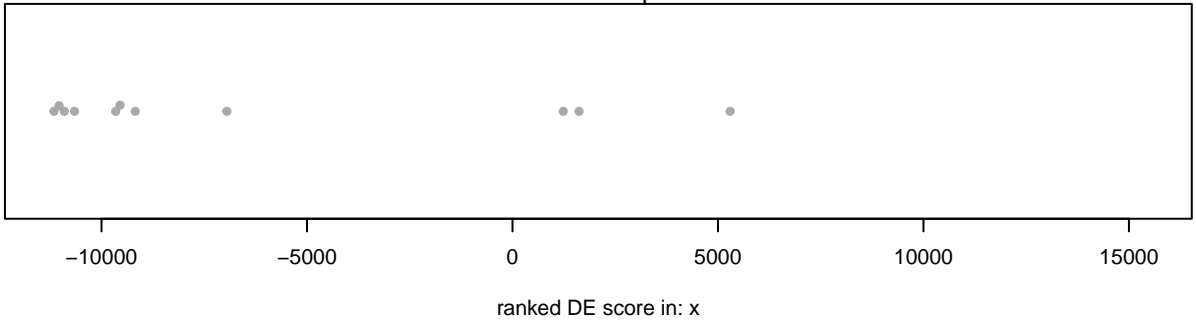
rugplot



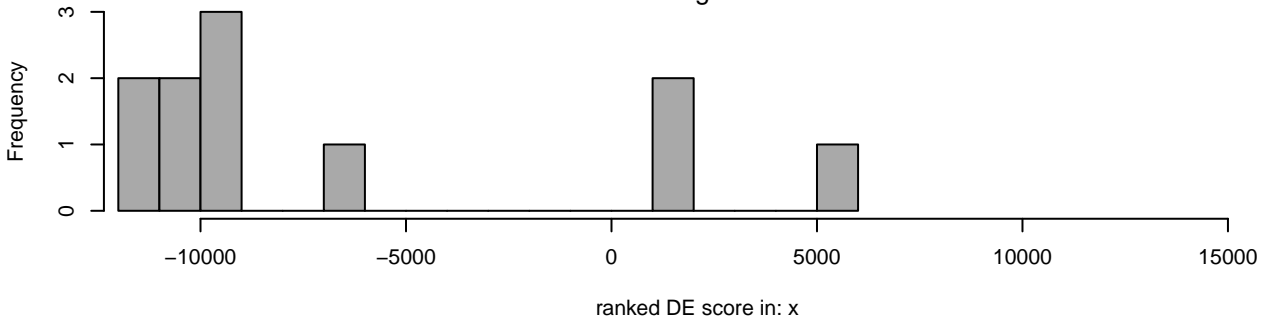
ranked DE score in: x

Regulation of gene expression by Hypoxia-inducible Factor

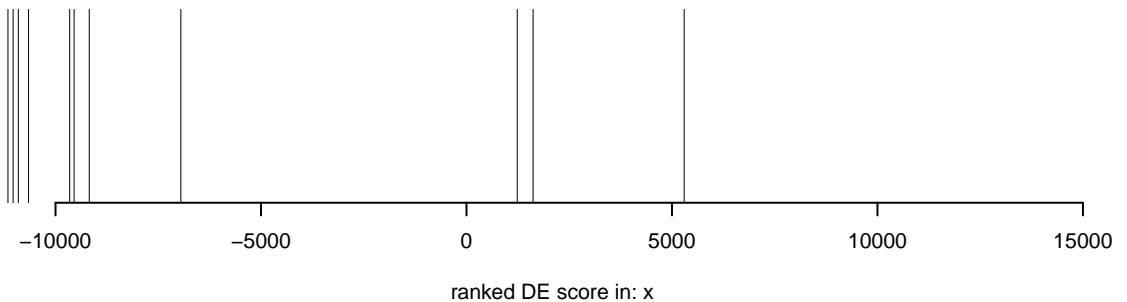
beeswarm plot



histogram

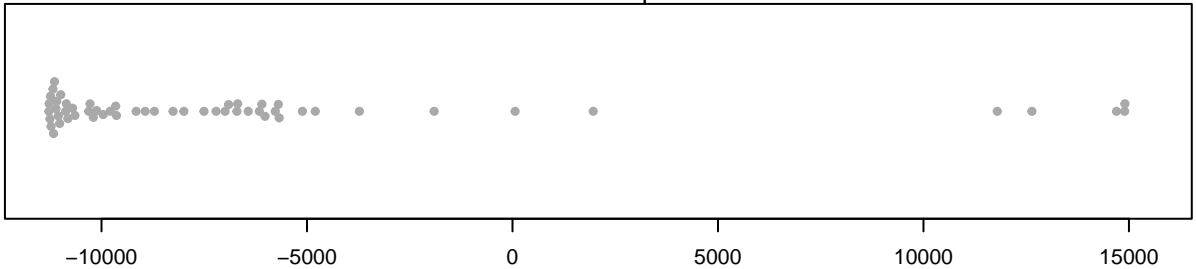


rugplot



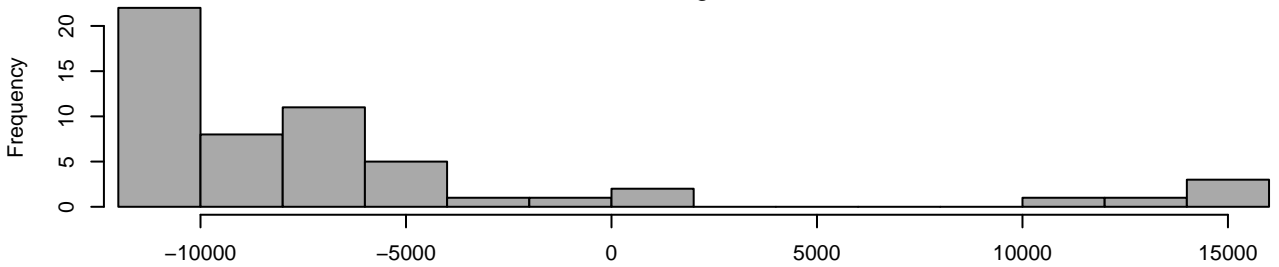
Regulation of cholesterol biosynthesis by SREBP (SREBF)

beeswarm plot



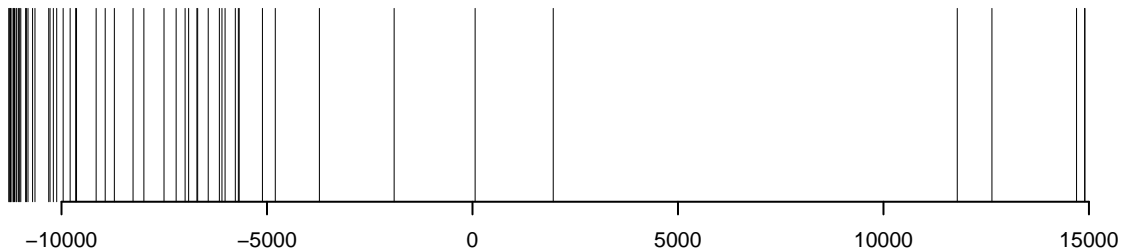
ranked DE score in: x

histogram



ranked DE score in: x

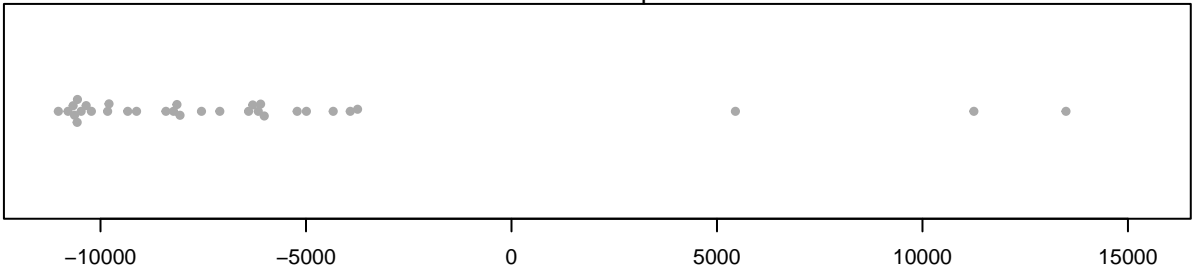
rugplot



ranked DE score in: x

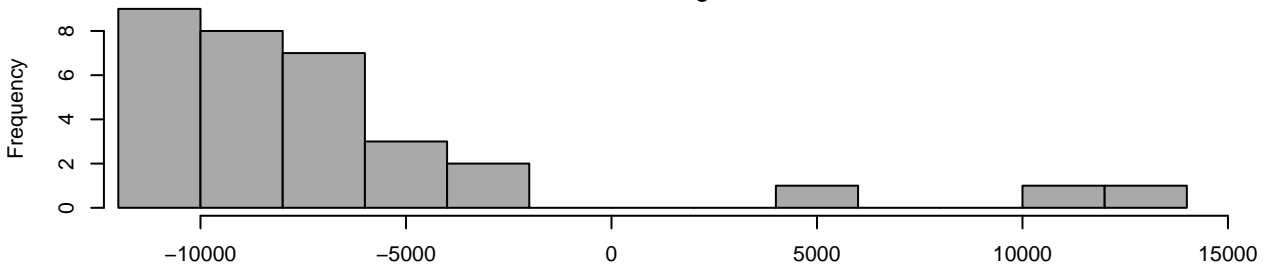
Signaling by WNT in cancer

beeswarm plot



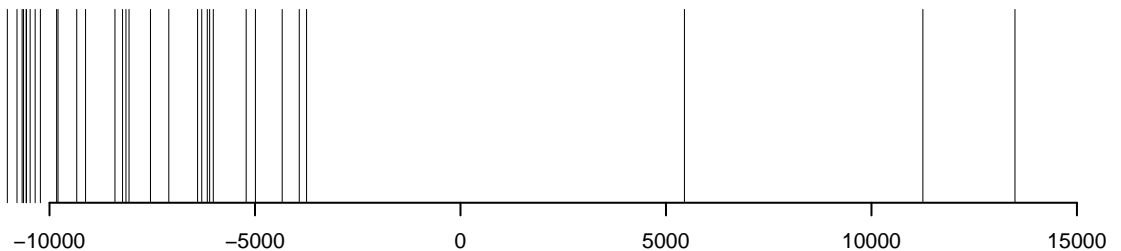
ranked DE score in: x

histogram



ranked DE score in: x

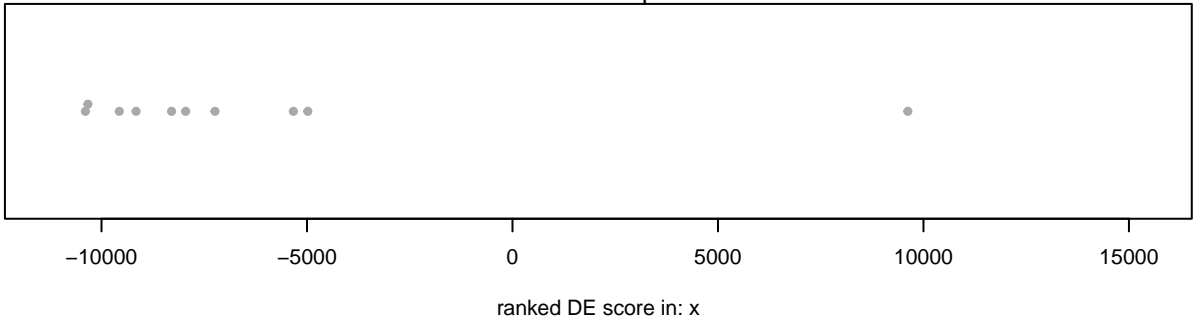
rugplot



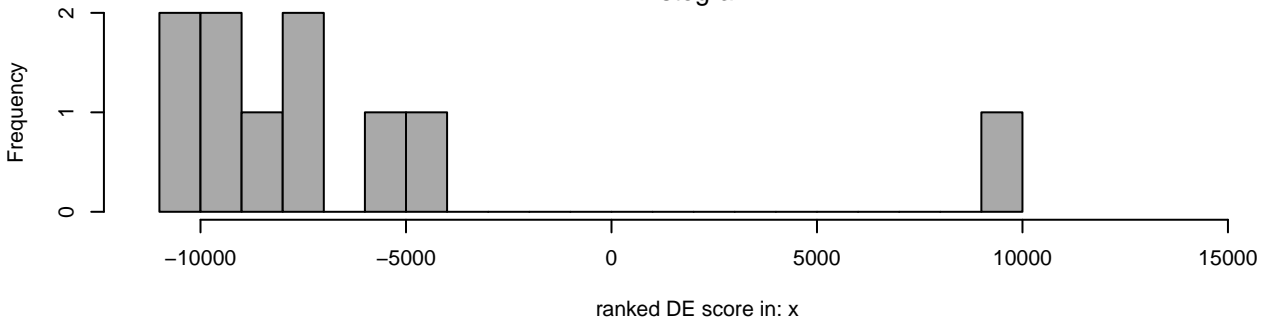
ranked DE score in: x

Processing and activation of SUMO

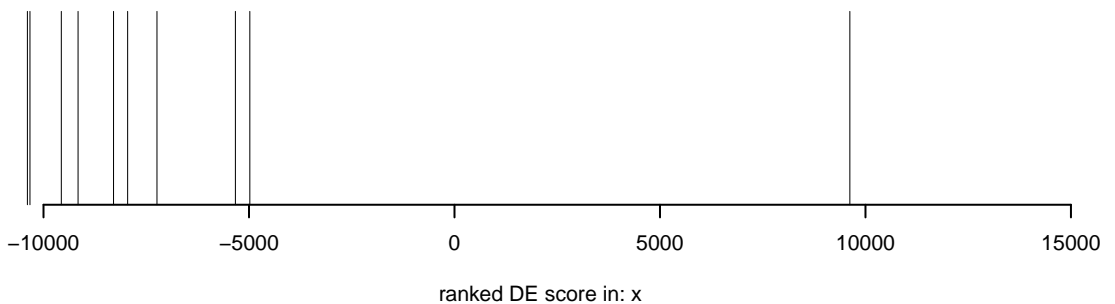
beeswarm plot



histogram

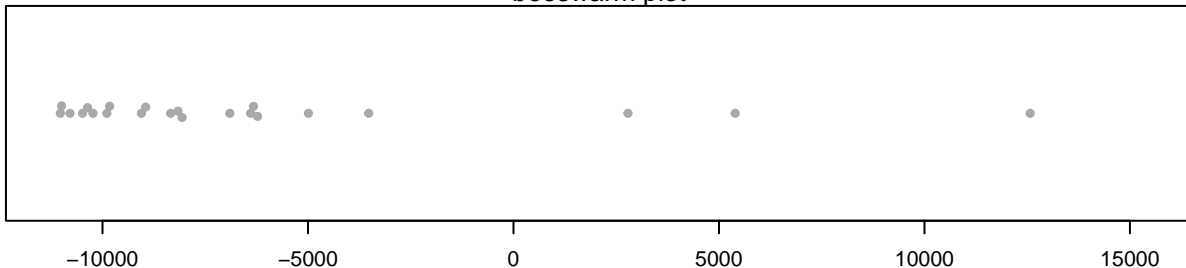


rugplot



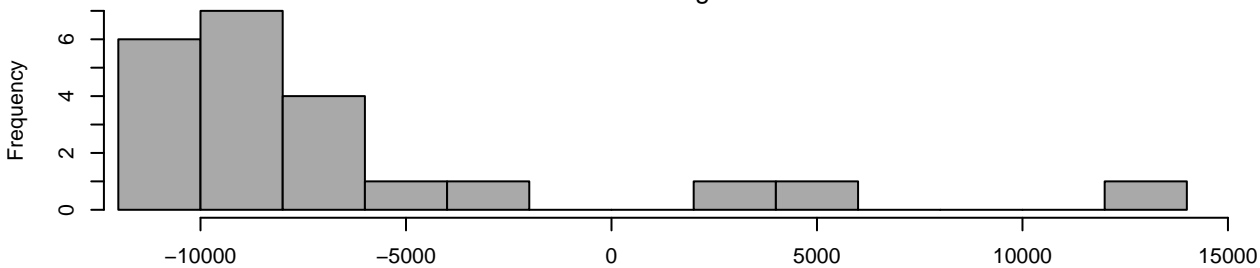
ERK/MAPK targets

beeswarm plot



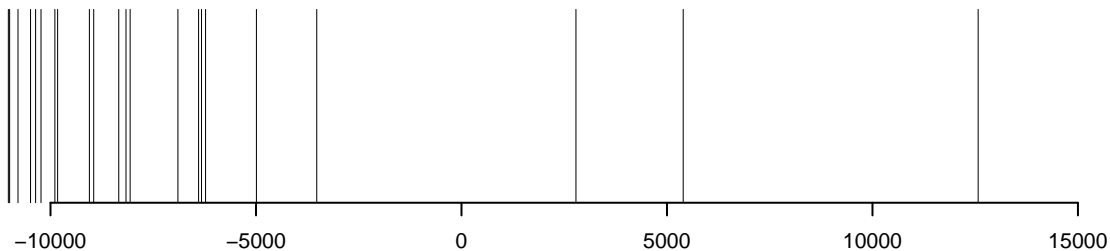
ranked DE score in: x

histogram



ranked DE score in: x

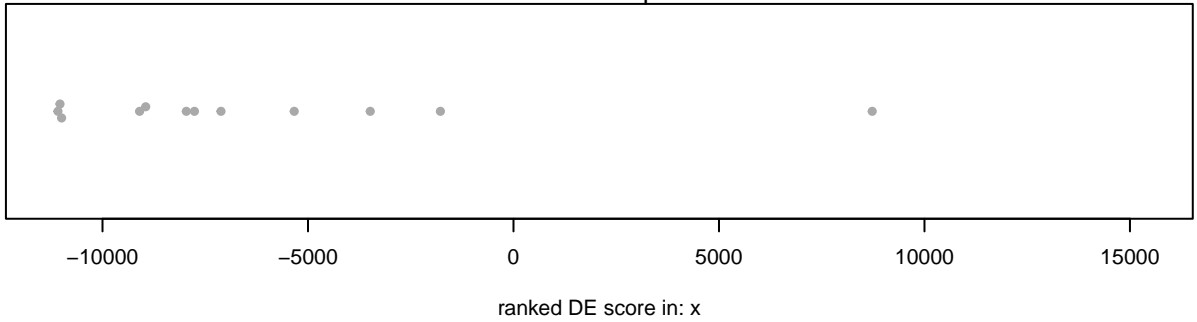
rugplot



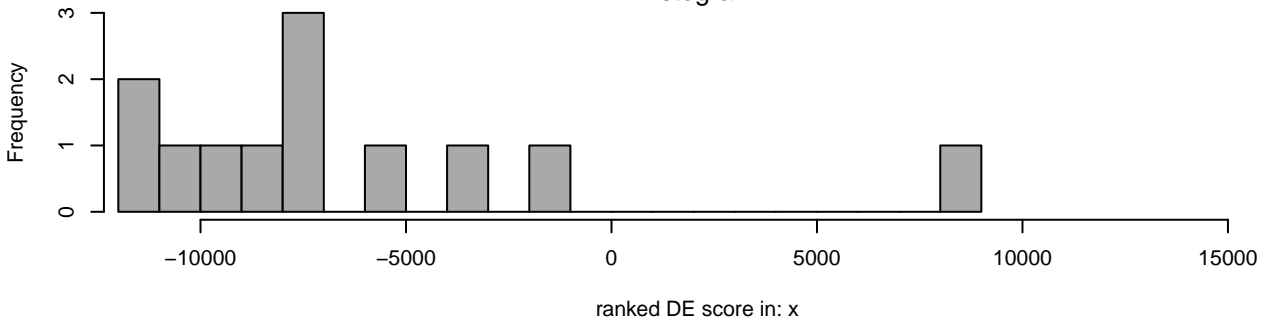
ranked DE score in: x

Frs2-mediated activation

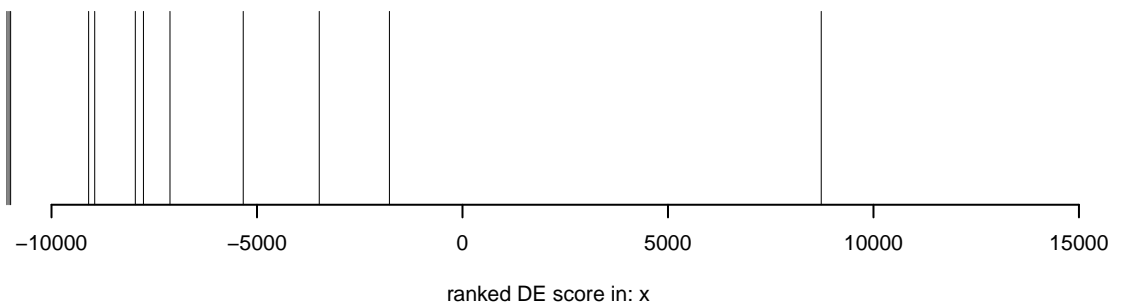
beeswarm plot



histogram

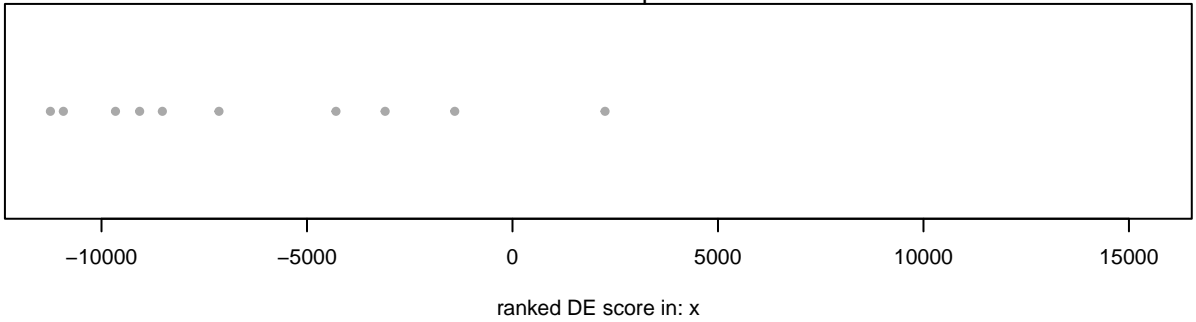


rugplot

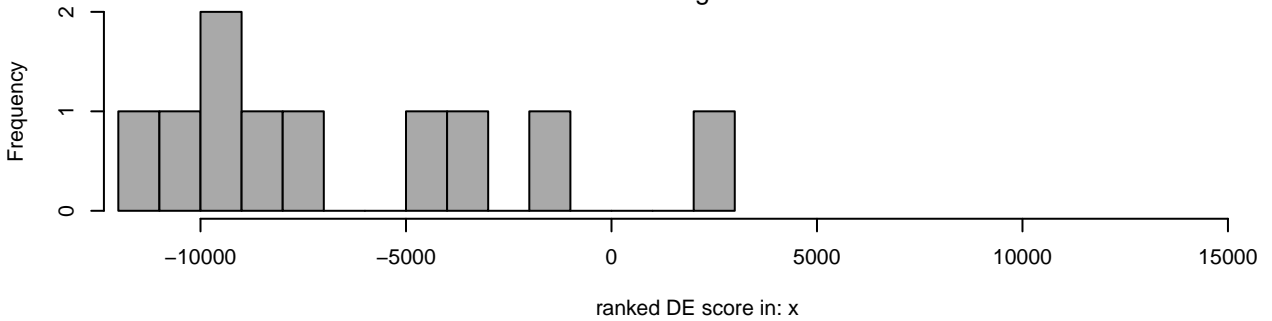


STAT5 activation downstream of FLT3 ITD mutants

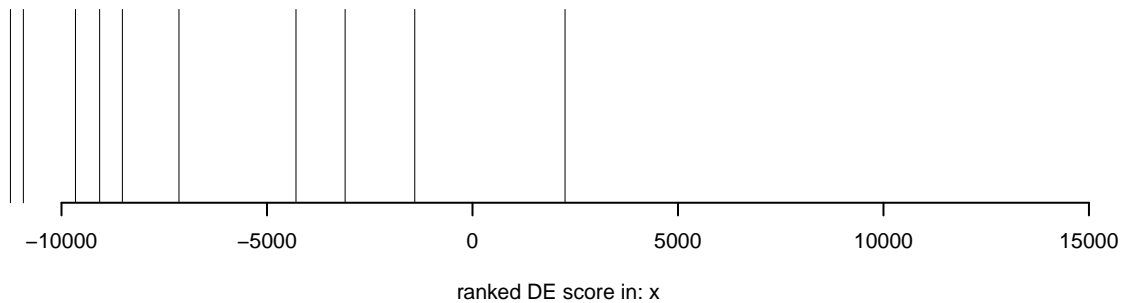
beeswarm plot



histogram

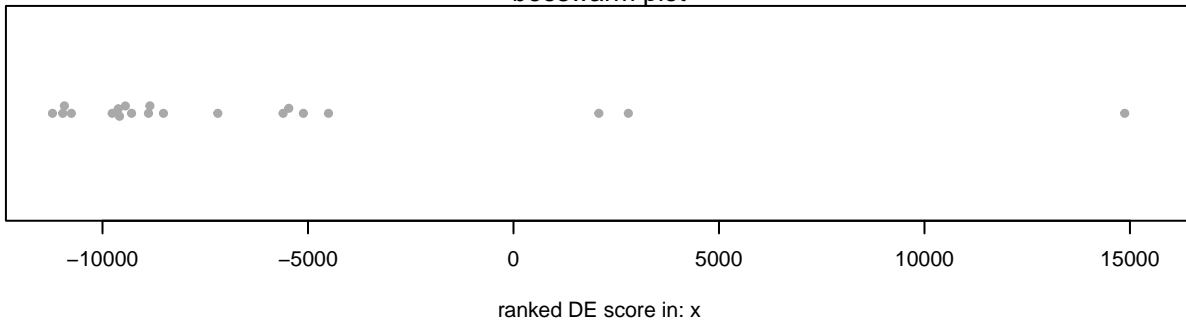


rugplot

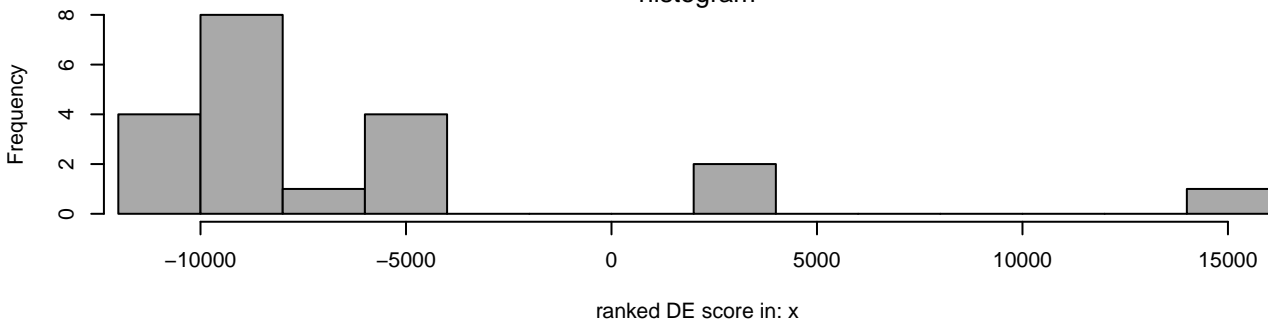


Signaling by PDGFR in disease

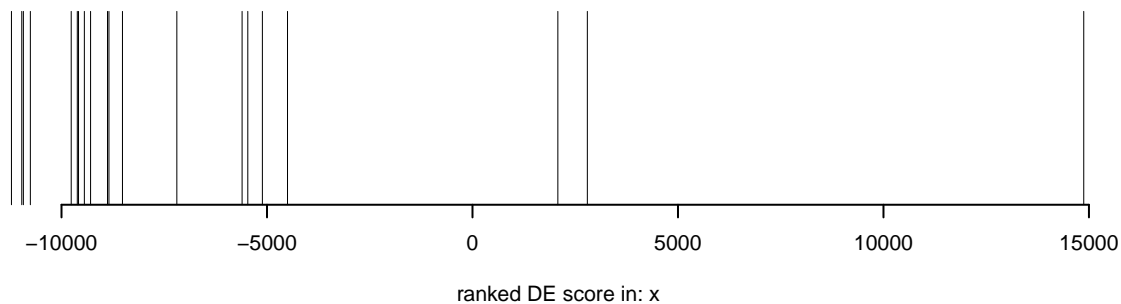
beeswarm plot



histogram

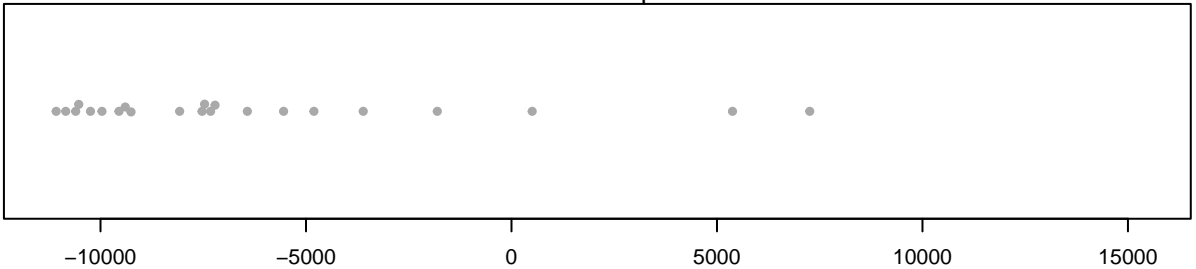


rugplot

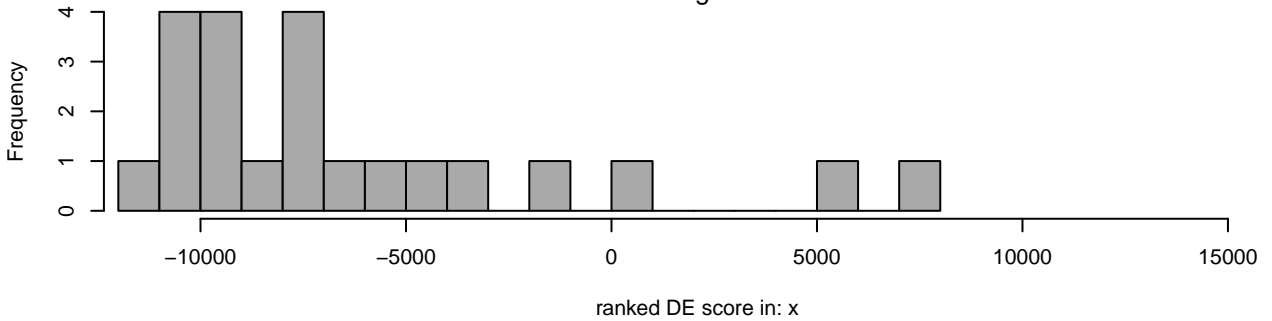


Citric acid cycle (TCA cycle)

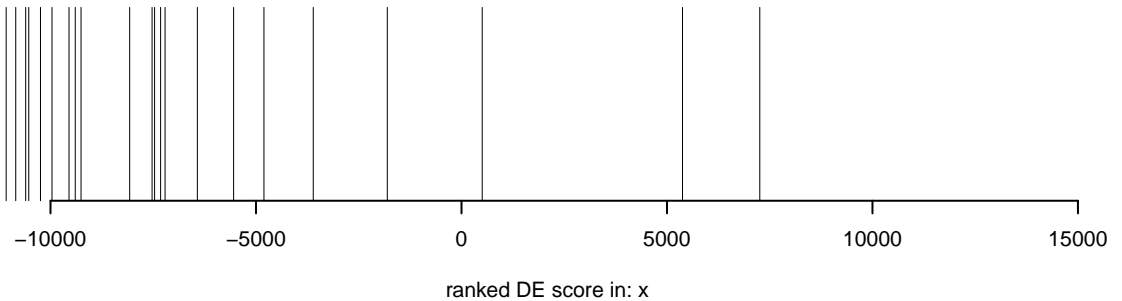
beeswarm plot



histogram

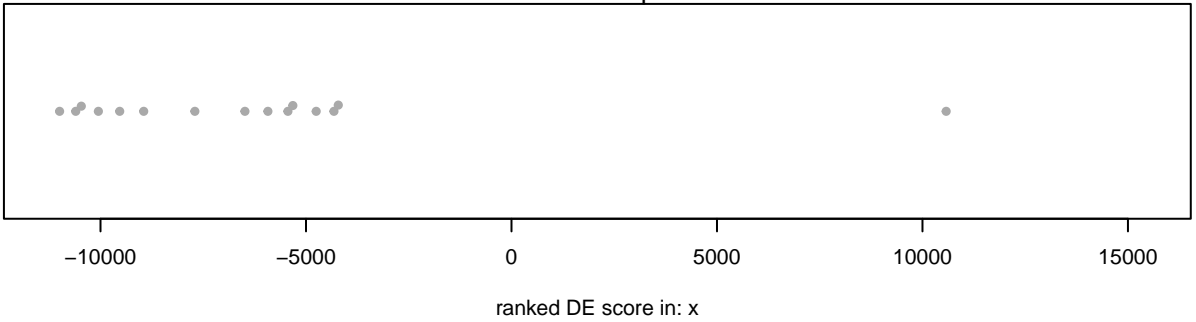


rugplot

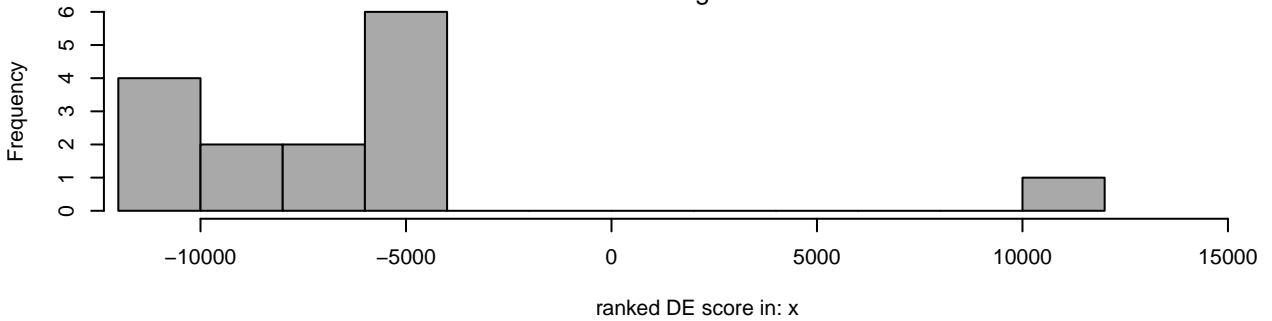


Signaling by Activin

beeswarm plot



histogram



rugplot

