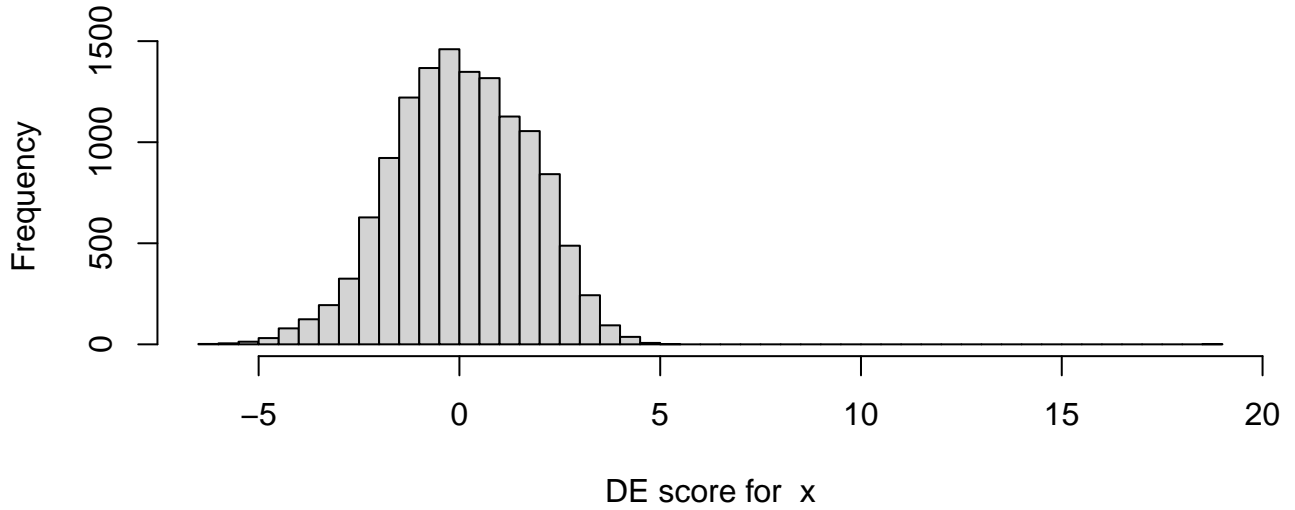
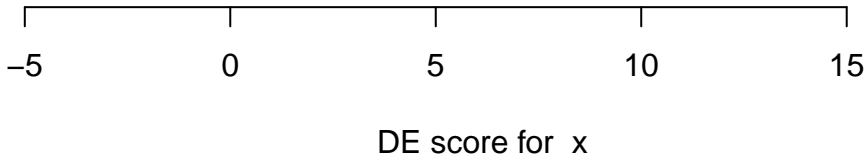


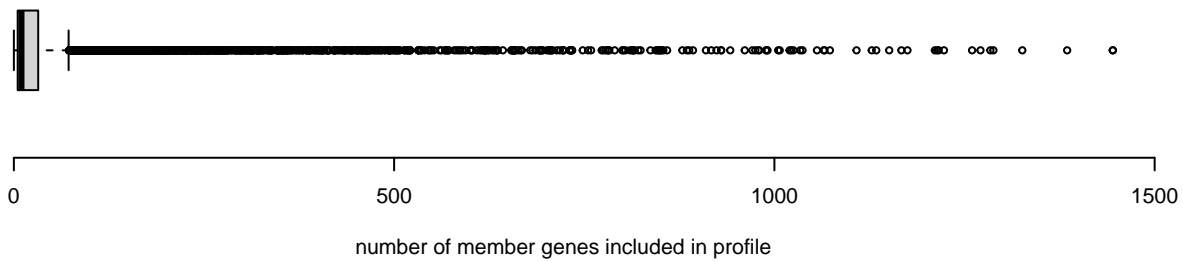
Distribution of DE scores



12931 genes in total, 6560 trending up-regulated, 6371 trending down-regulated



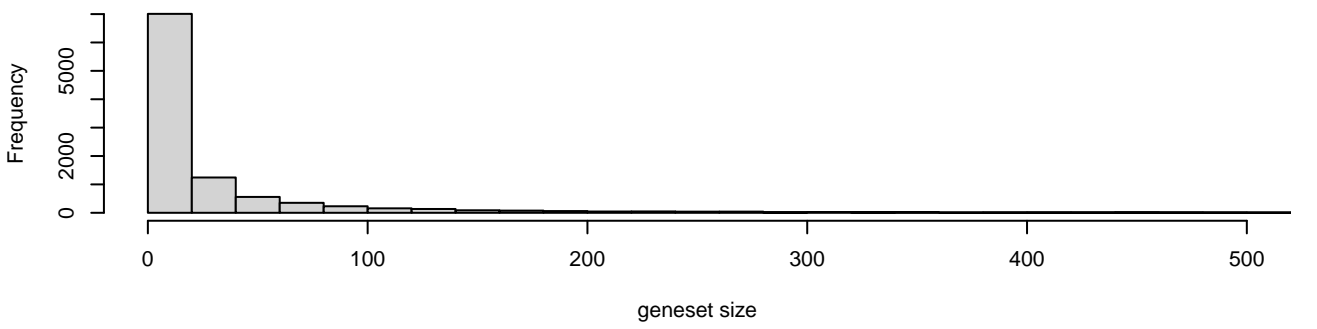
Gene set size



Histogram of geneset size

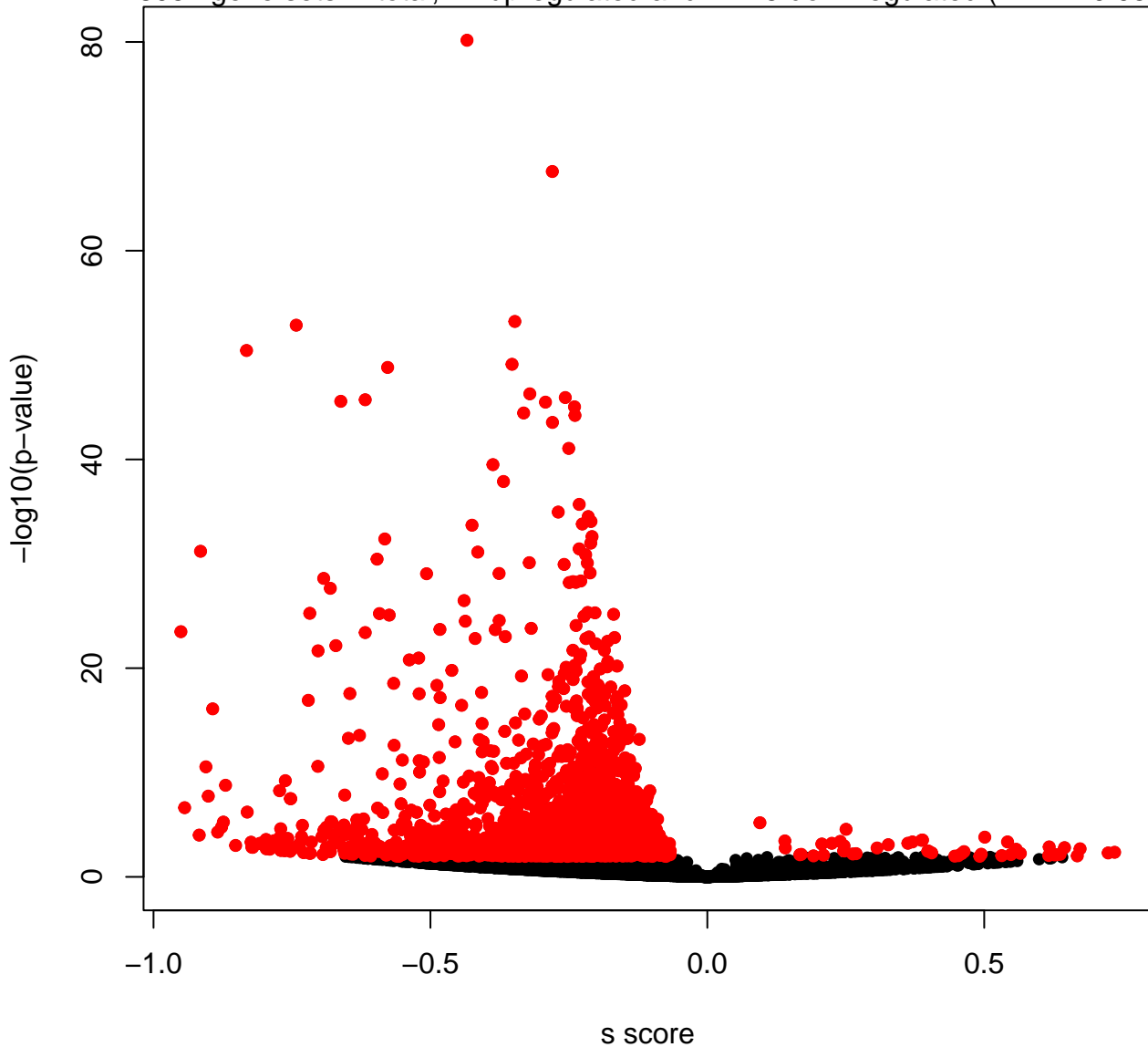


Trimmed histogram of geneset size



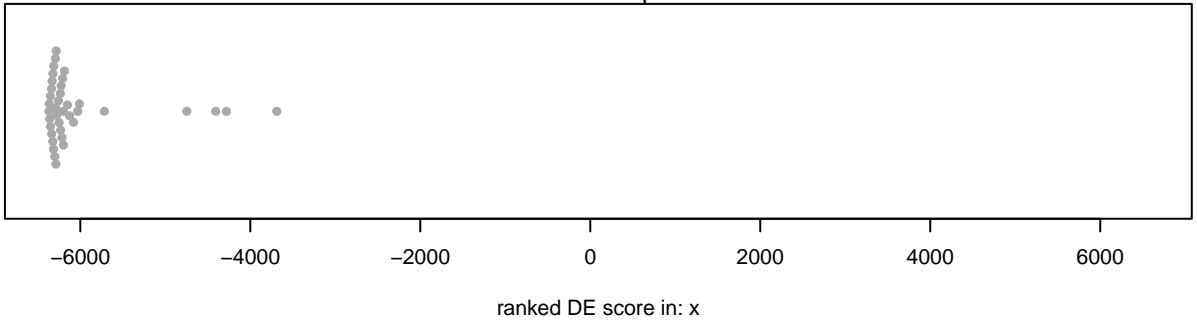
volcano plot of gene set enrichments

8057 gene sets in total, 47 upregulated and 1715 downregulated (FDR<=0.05)

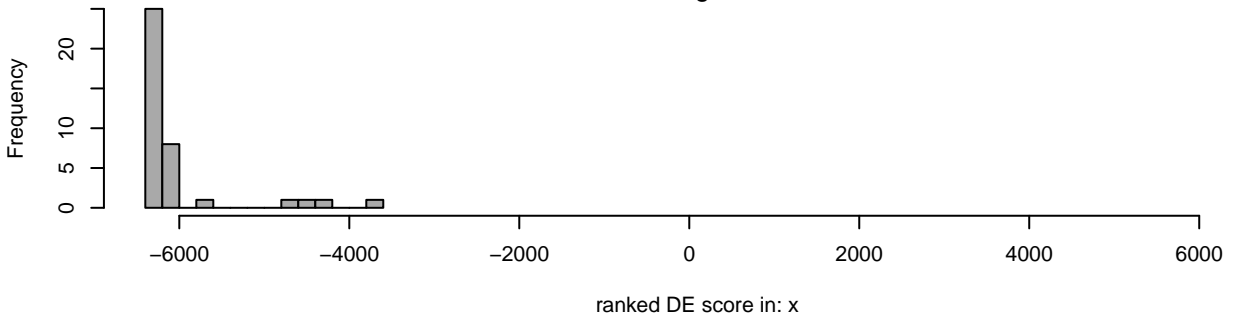


GOCC CYTOSOLIC SMALL RIBOSOMAL SUBUNIT

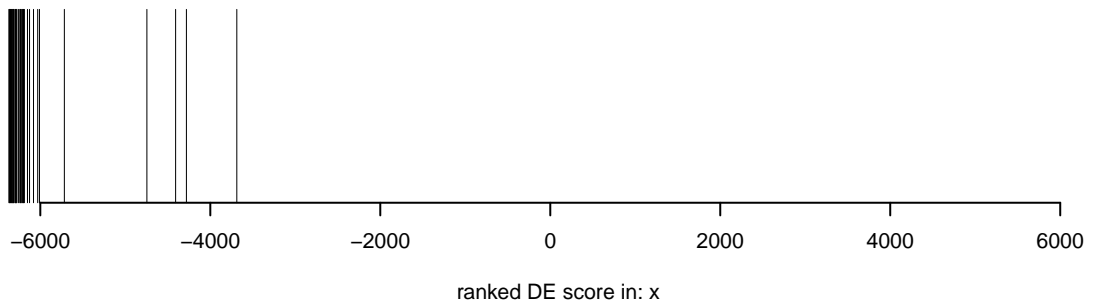
beeswarm plot



histogram

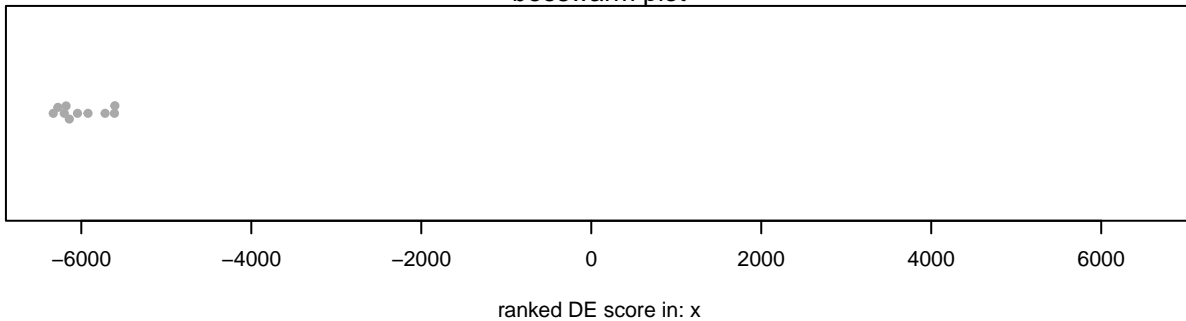


rugplot

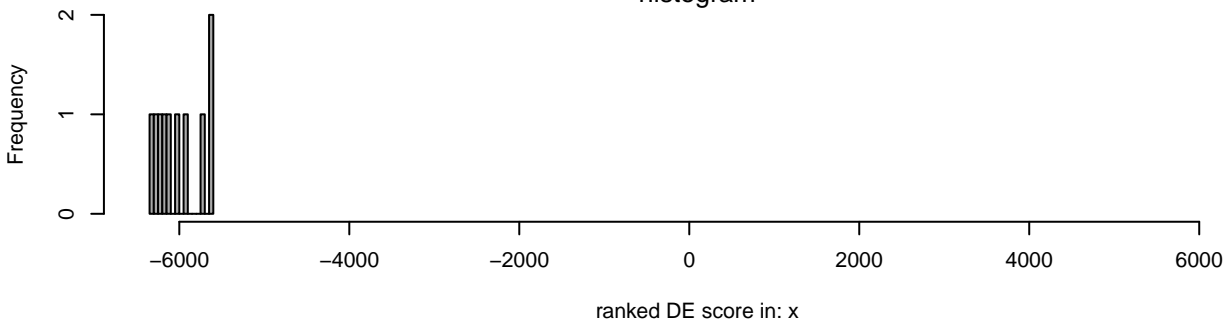


MITOCHONDRIAL PROTON TRANSPORTING ATP SYNTHASE COMPLEX COUPLING FACTOR

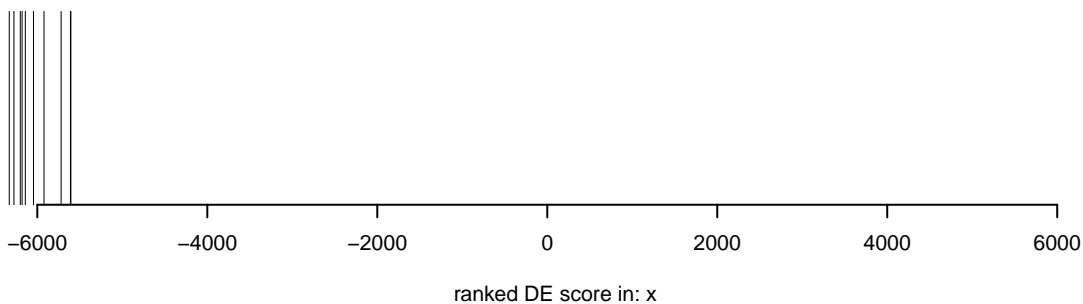
beeswarm plot



histogram

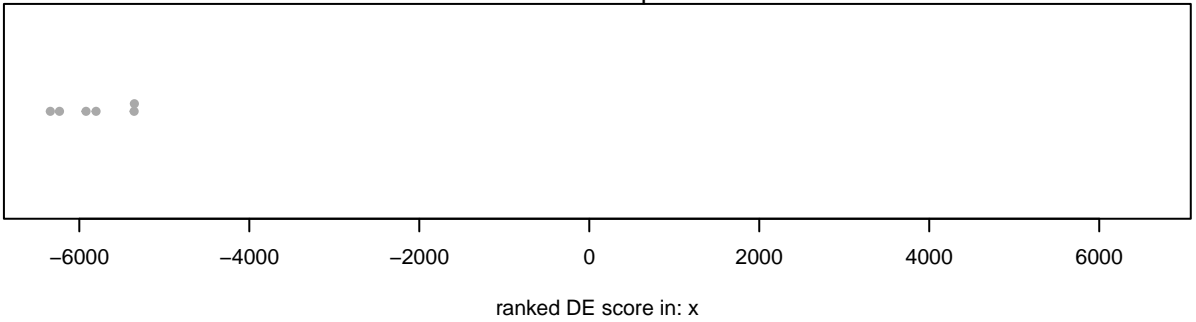


rugplot

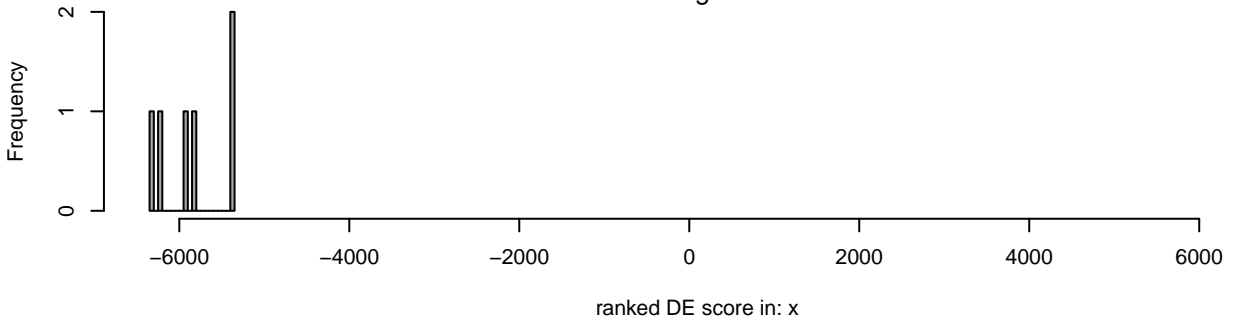


GOCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX CATALYTIC CORE F 1

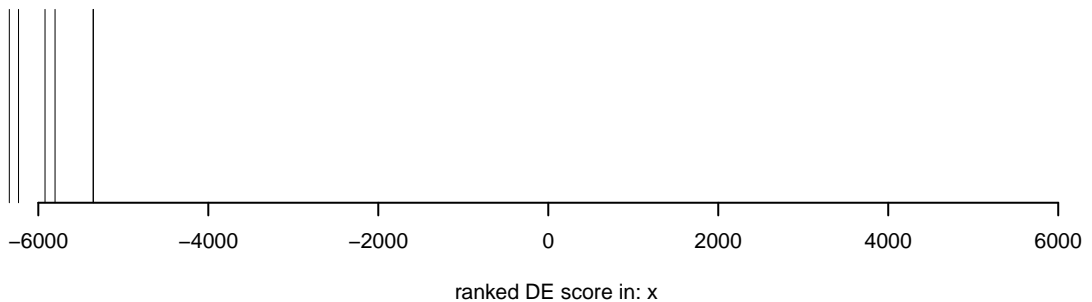
beeswarm plot



histogram

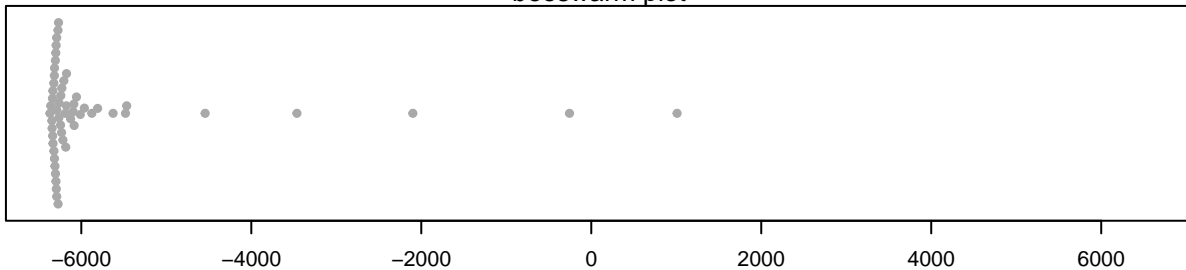


rugplot



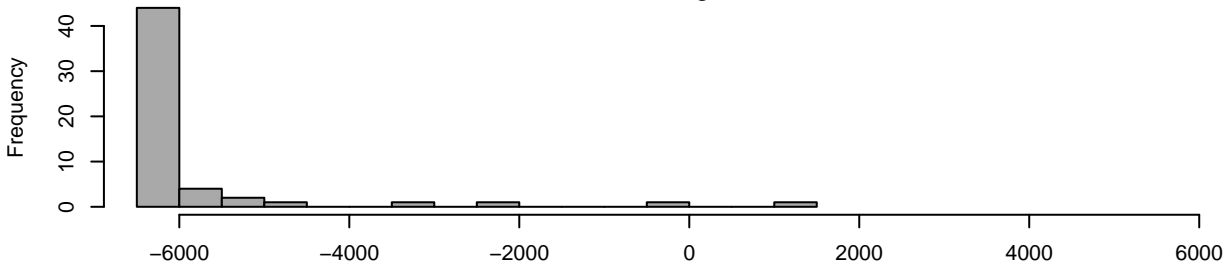
GOCC CYTOSOLIC LARGE RIBOSOMAL SUBUNIT

beeswarm plot



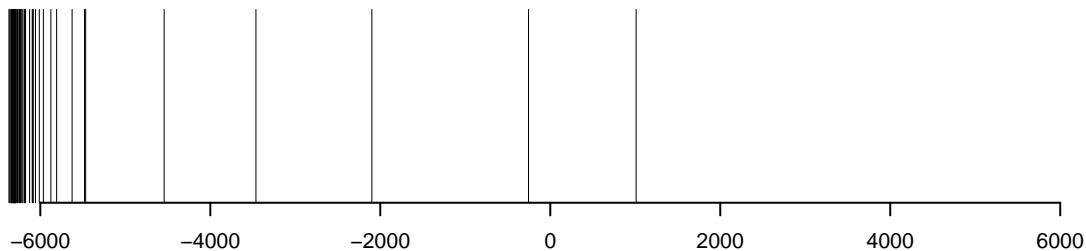
ranked DE score in: x

histogram



ranked DE score in: x

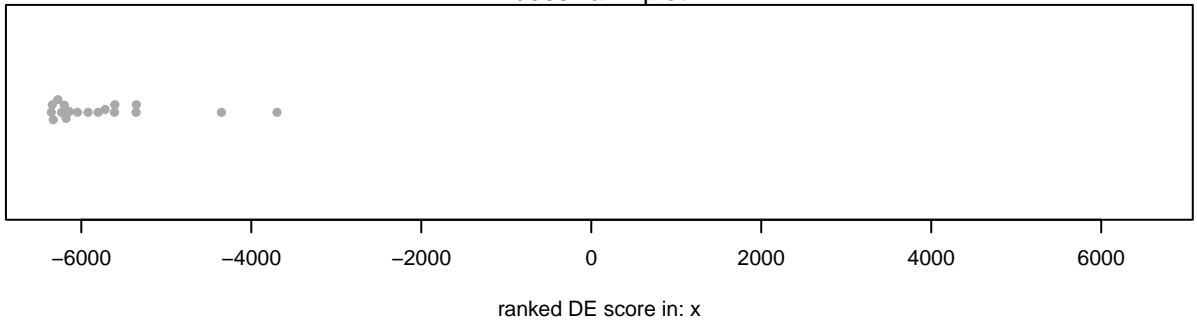
rugplot



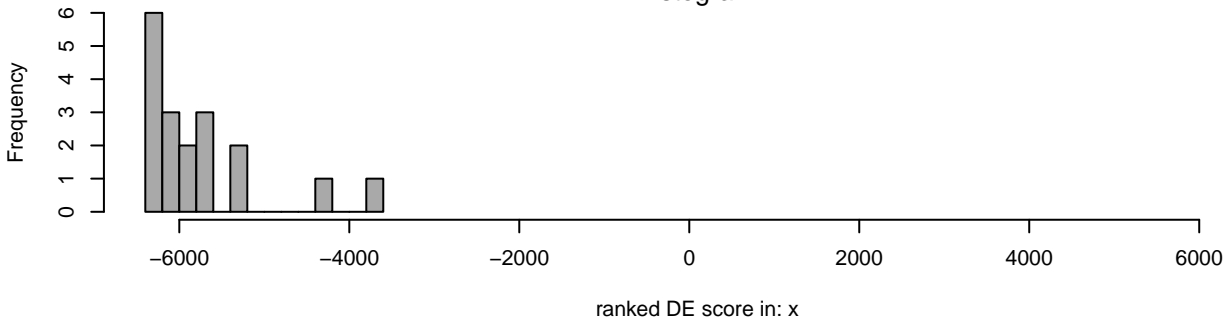
ranked DE score in: x

GOCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX

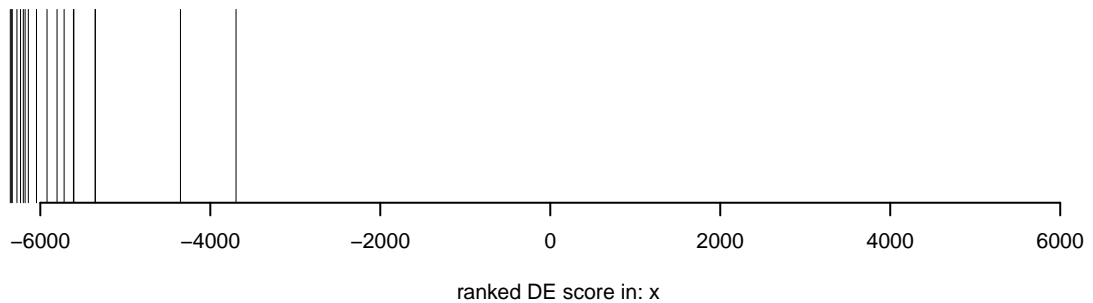
beeswarm plot



histogram

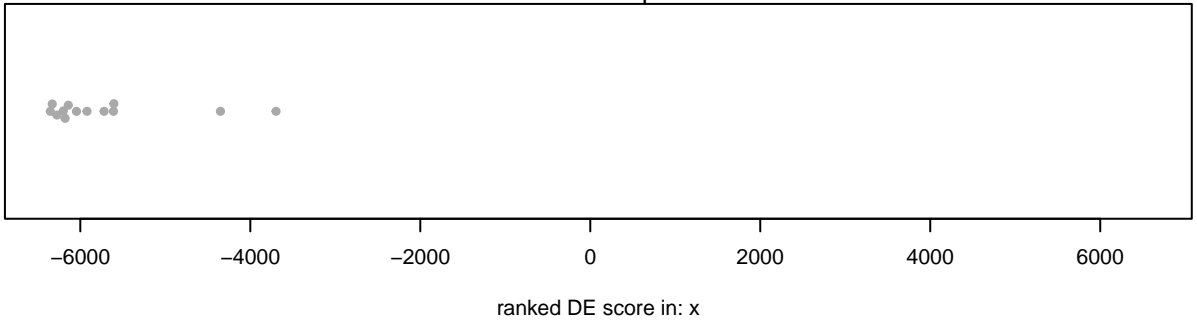


rugplot

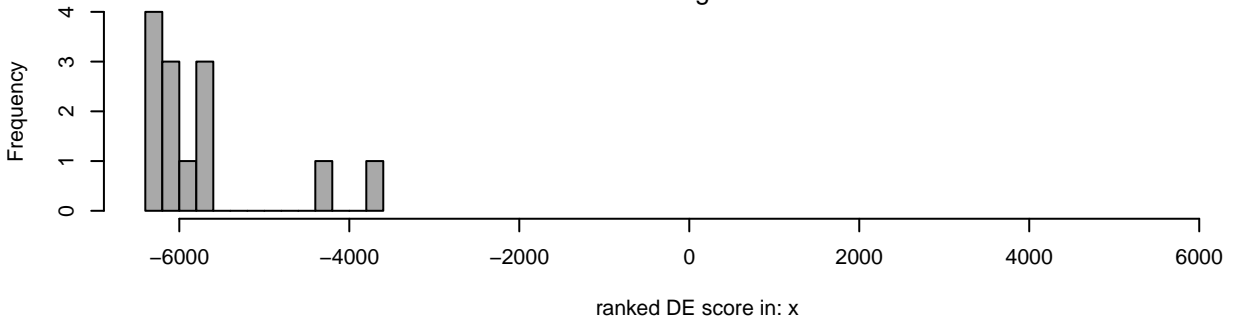


GOCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX COUPLING FACTOR F O

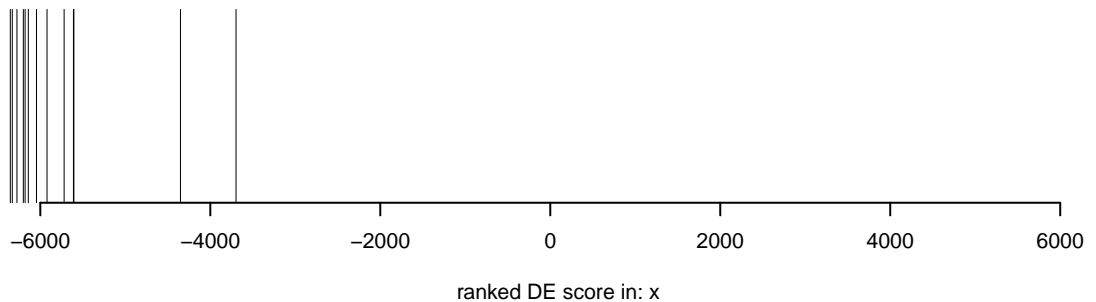
beeswarm plot



histogram

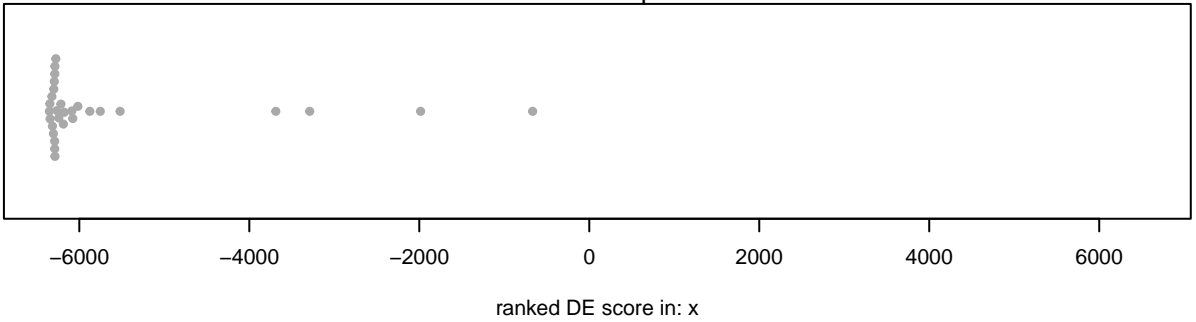


rugplot

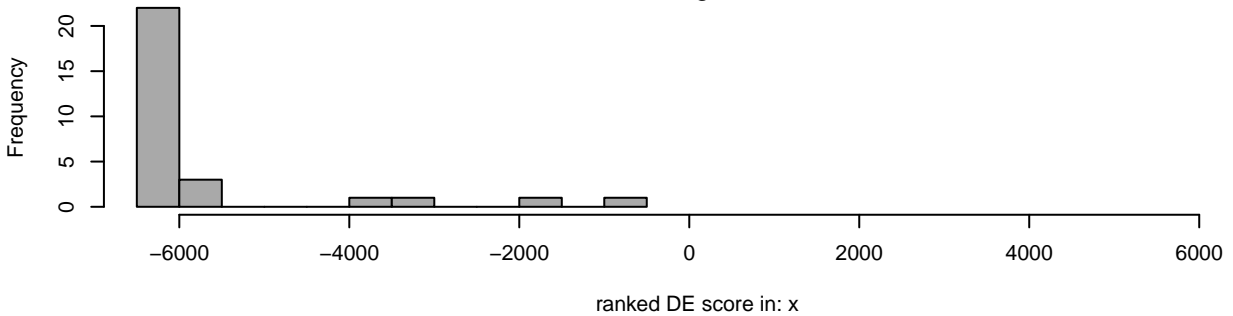


GOCC POLYSOMAL RIBOSOME

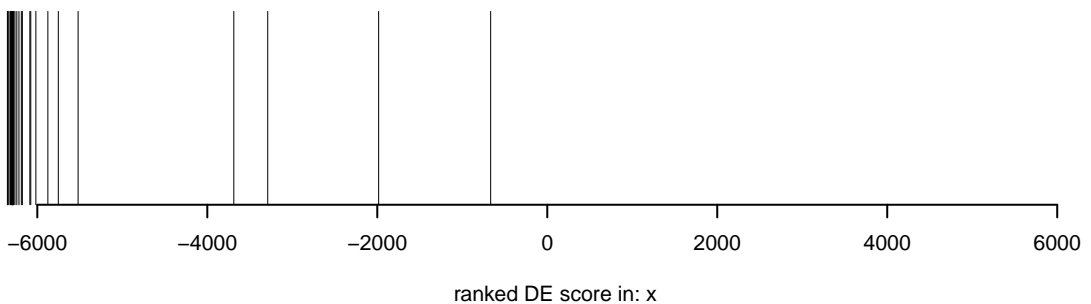
beeswarm plot



histogram

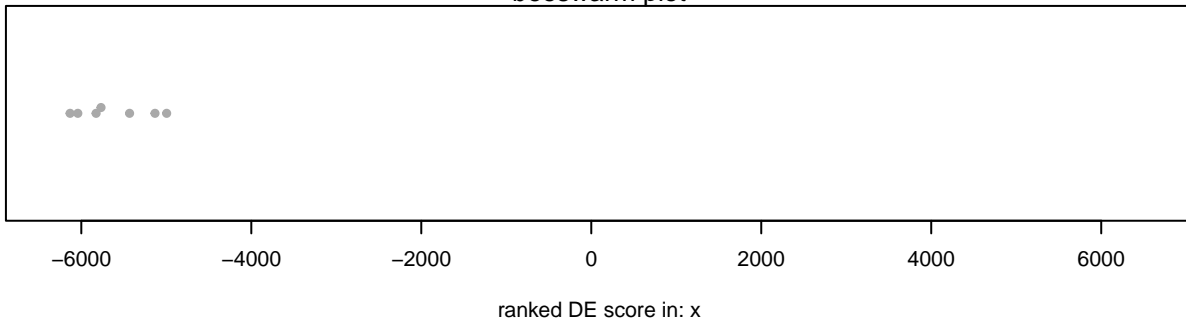


rugplot

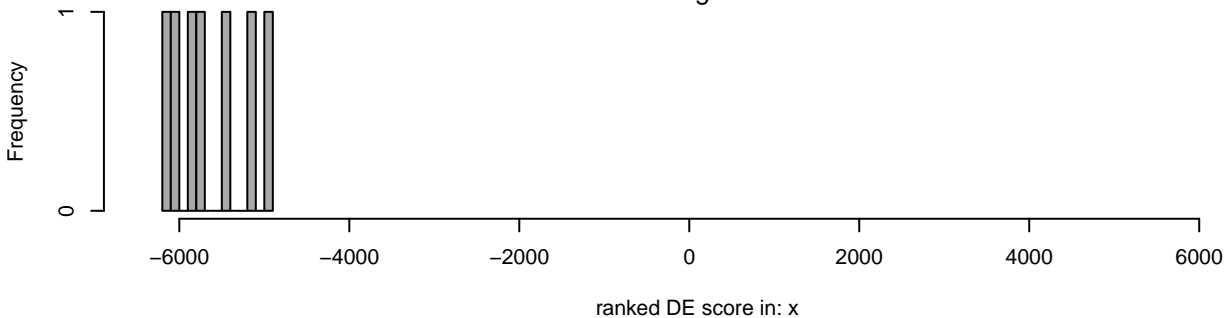


GOMF TAP BINDING

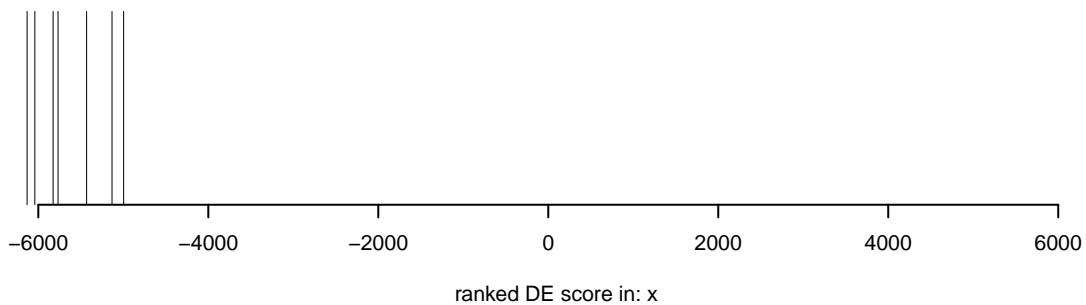
beeswarm plot



histogram

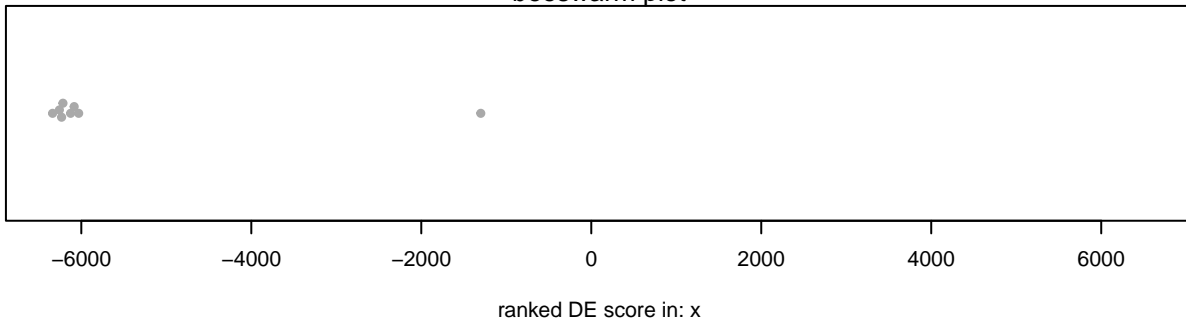


rugplot

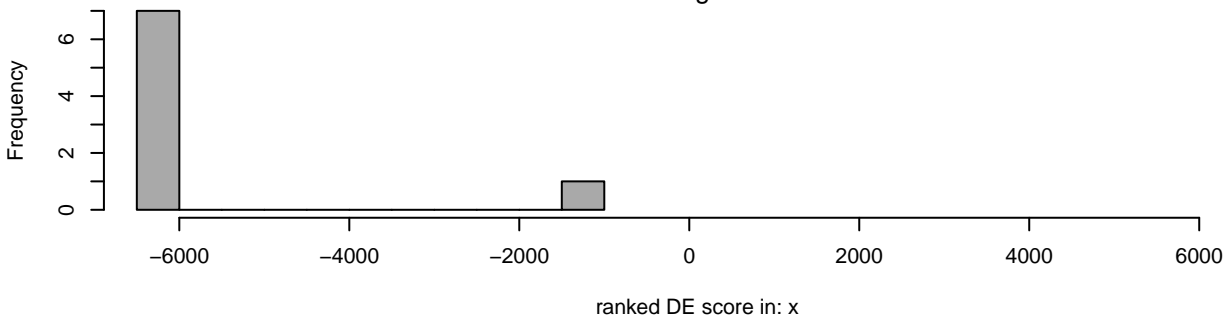


GOMF UBIQUITIN LIGASE INHIBITOR ACTIVITY

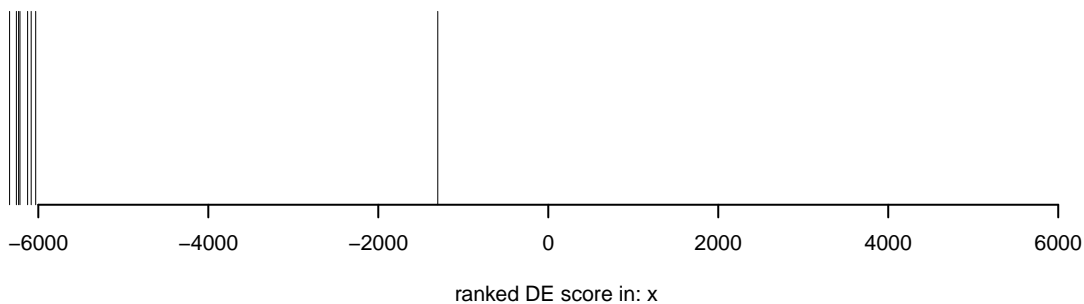
beeswarm plot



histogram

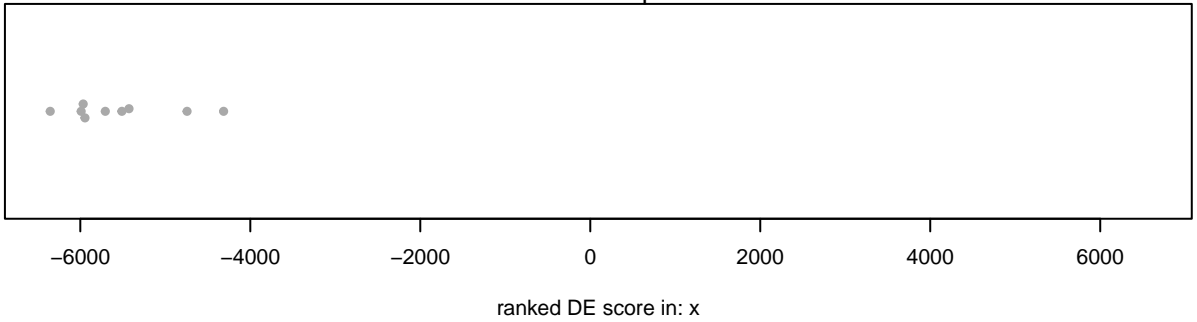


rugplot

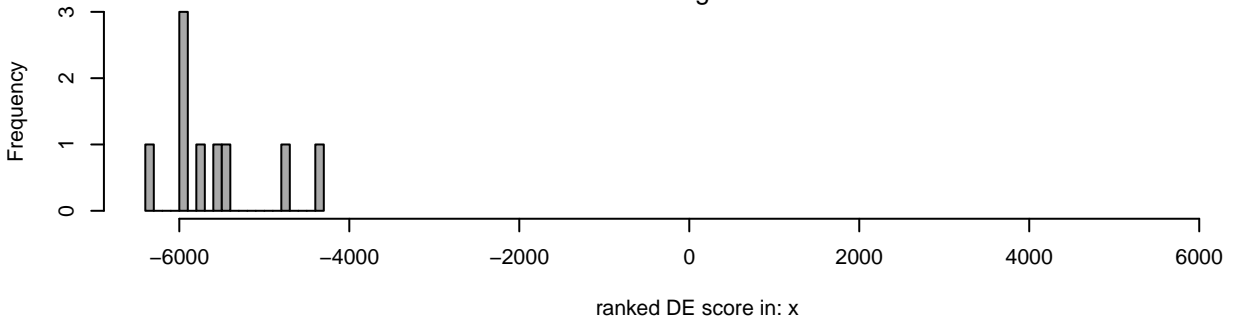


GOCC ARP2 3 PROTEIN COMPLEX

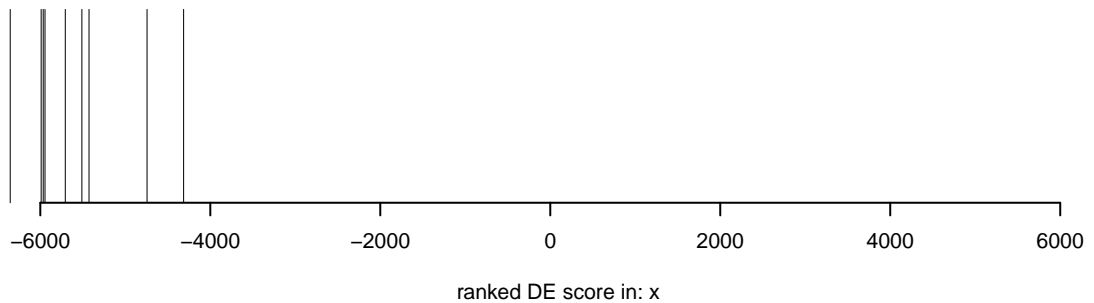
beeswarm plot



histogram

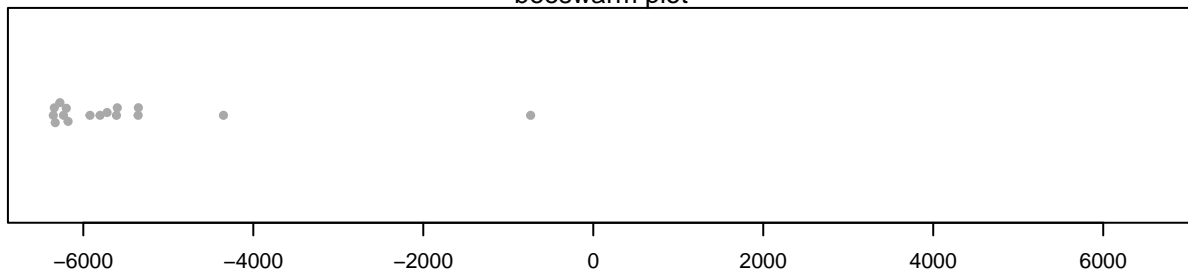


rugplot



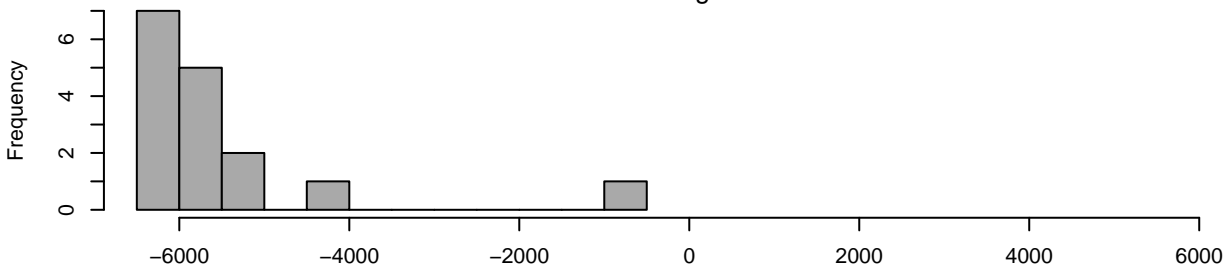
GOMF PROTON TRANSPORTING ATP SYNTHASE ACTIVITY ROTATIONAL MECHANISM

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

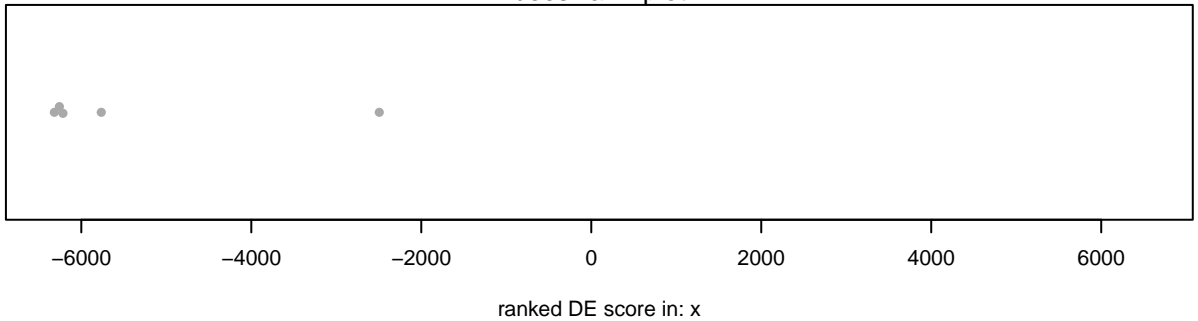
rugplot



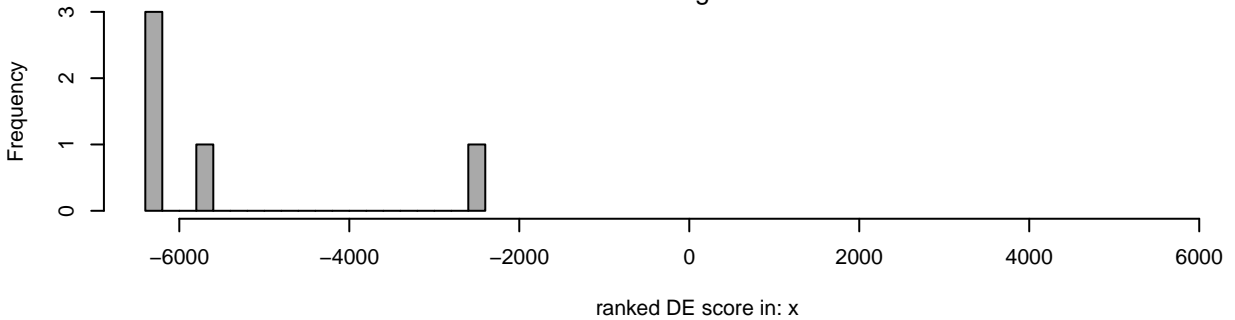
ranked DE score in: x

POSITIVE REGULATION OF INTRINSIC APOPTOTIC SIGNALING PATHWAY BY P53 CLASS

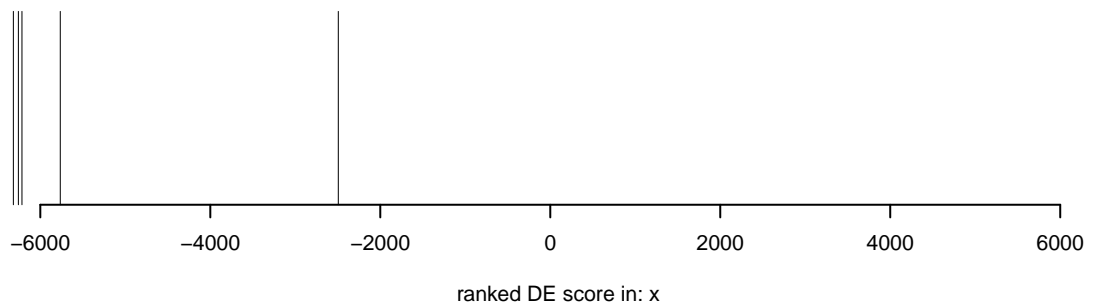
beeswarm plot



histogram

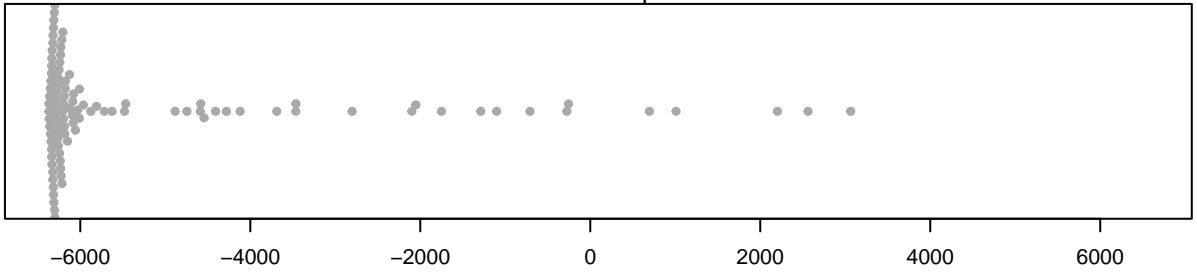


rugplot



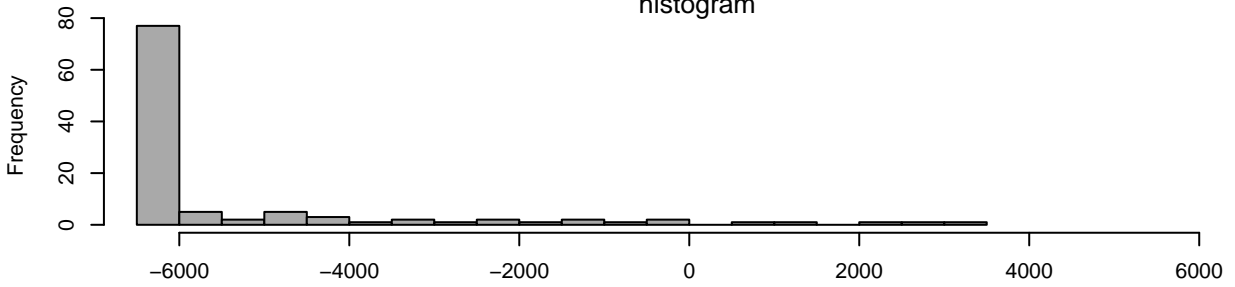
GOCC CYTOSOLIC RIBOSOME

beeswarm plot



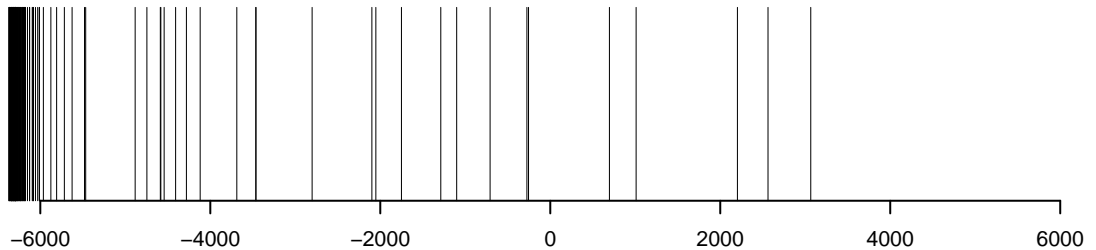
ranked DE score in: x

histogram



ranked DE score in: x

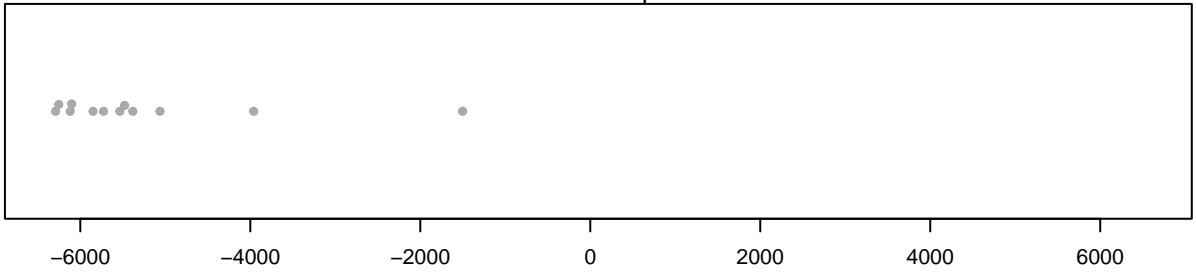
rugplot



ranked DE score in: x

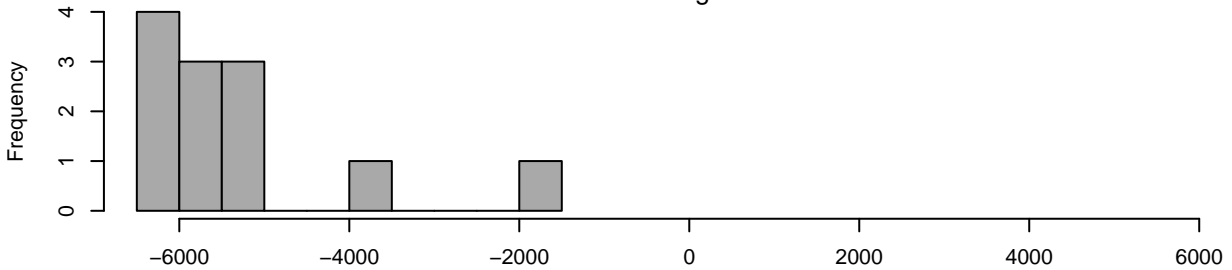
GOBP MITOCHONDRIAL ELECTRON TRANSPORT UBIQUINOL TO CYTOCHROME C

beeswarm plot



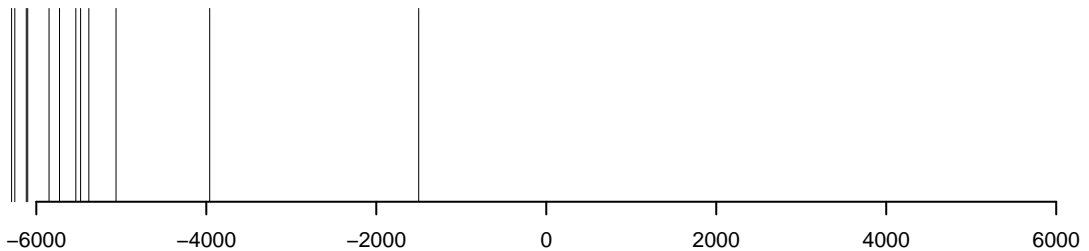
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

GOCC PICLN SM PROTEIN COMPLEX

beeswarm plot



ranked DE score in: x

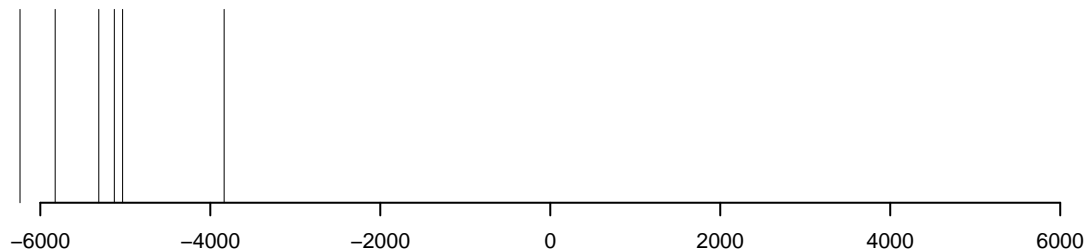
histogram



Frequency

ranked DE score in: x

rugplot



-6000

-4000

-2000

0

2000

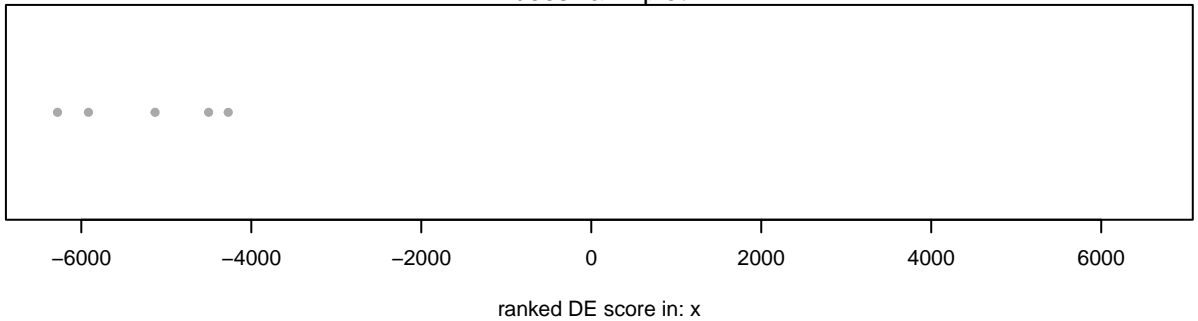
4000

6000

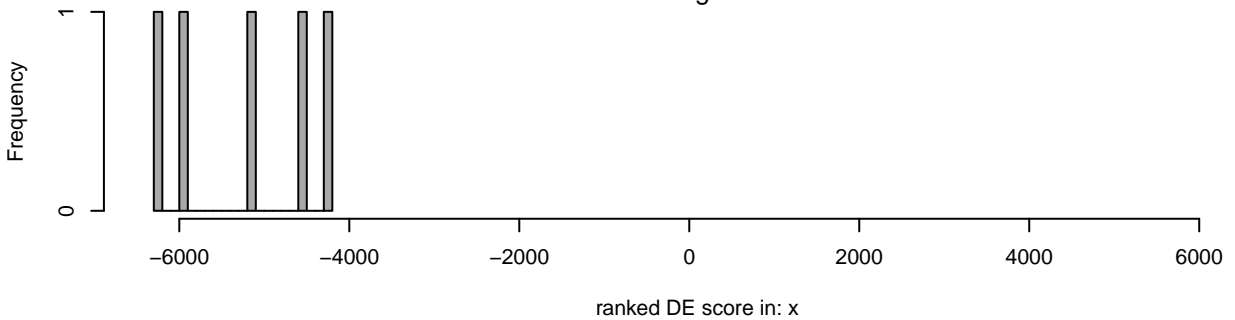
ranked DE score in: x

GOCC SIGNAL PEPTIDASE COMPLEX

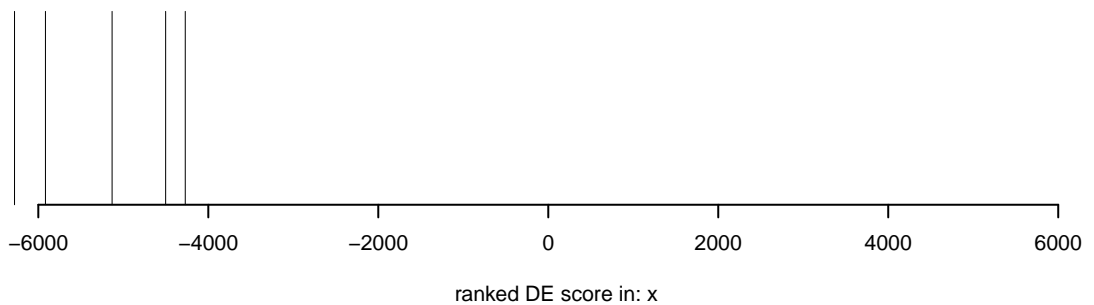
beeswarm plot



histogram

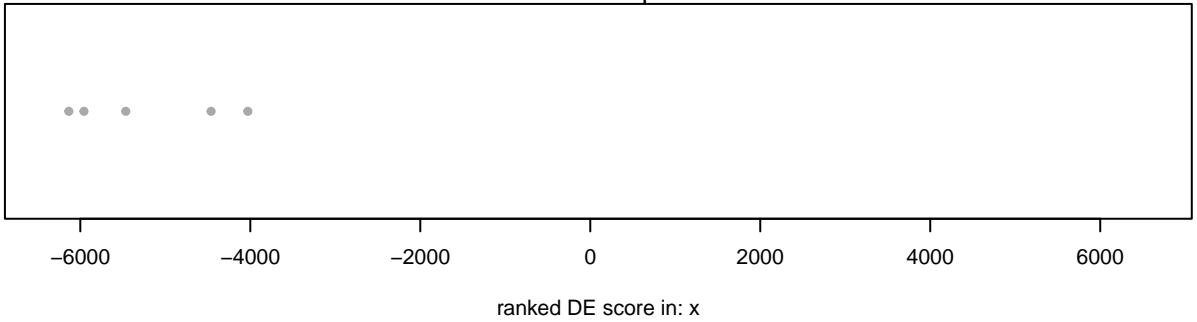


rugplot

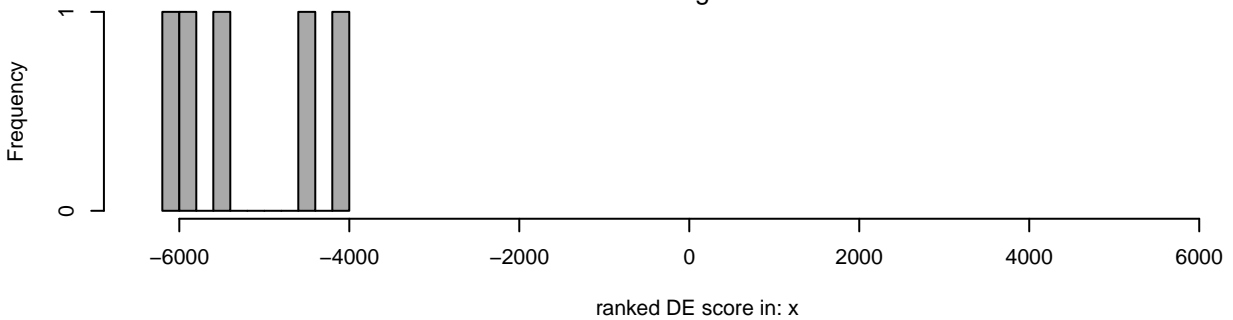


GOMF ADENYLATE CYCLASE REGULATOR ACTIVITY

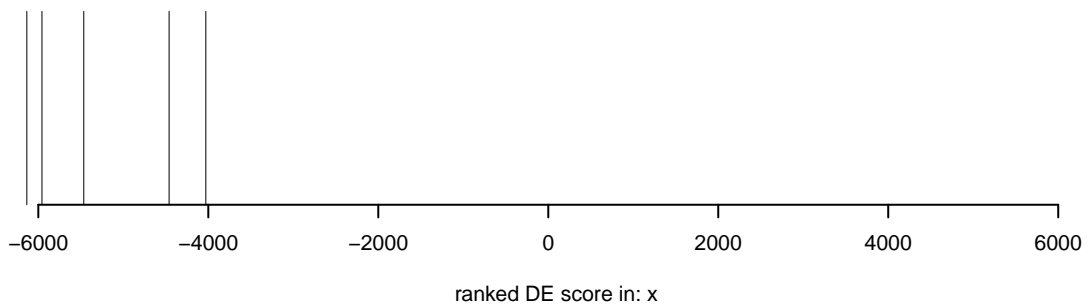
beeswarm plot



histogram

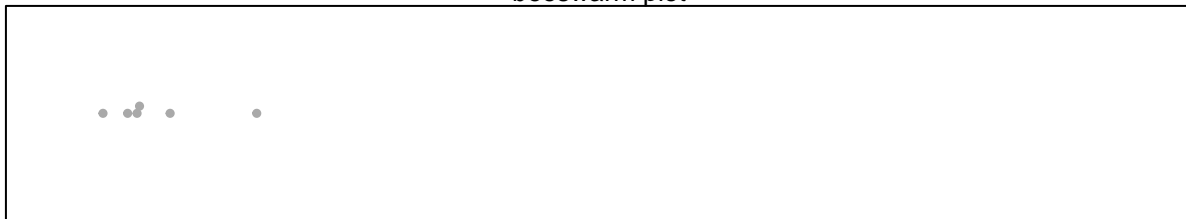


rugplot



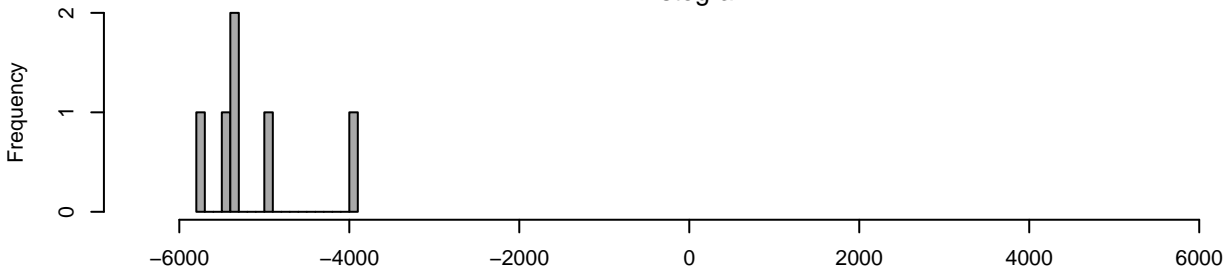
GOCC NURF COMPLEX

beeswarm plot



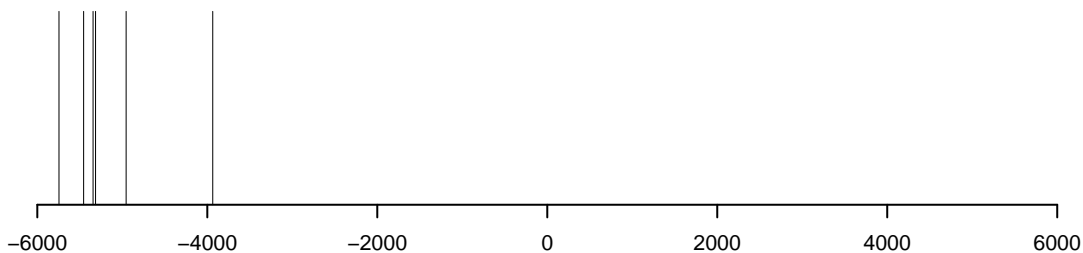
ranked DE score in: x

histogram



ranked DE score in: x

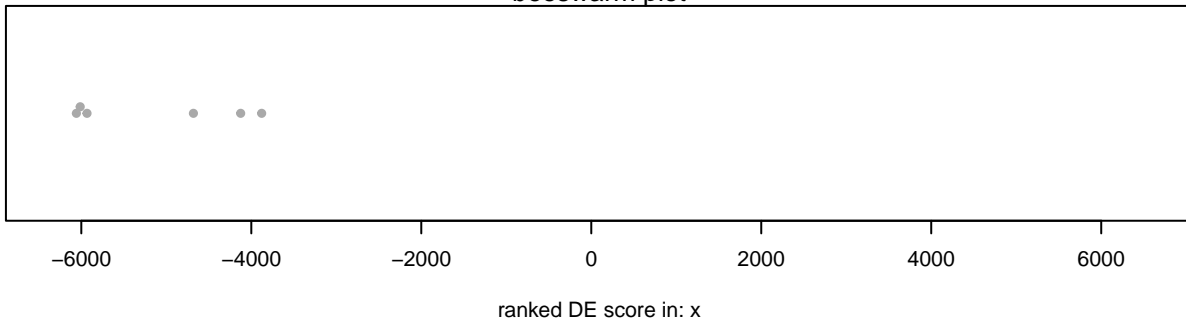
rugplot



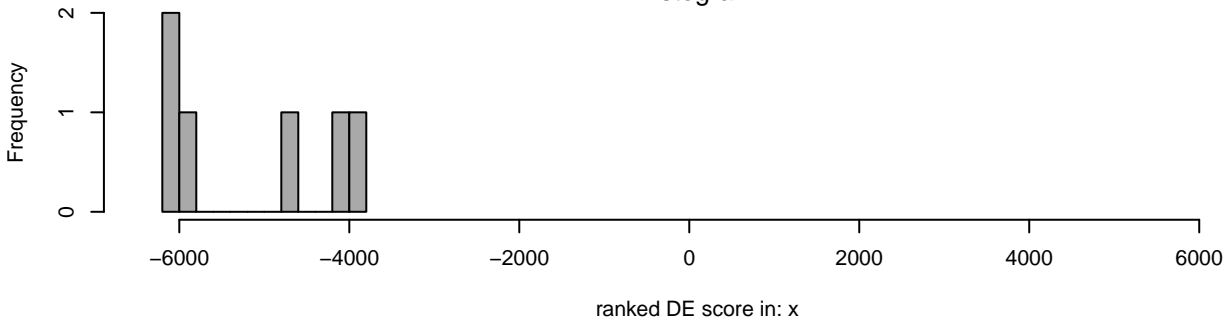
ranked DE score in: x

GOBP TELOMERASE HOLOENZYME COMPLEX ASSEMBLY

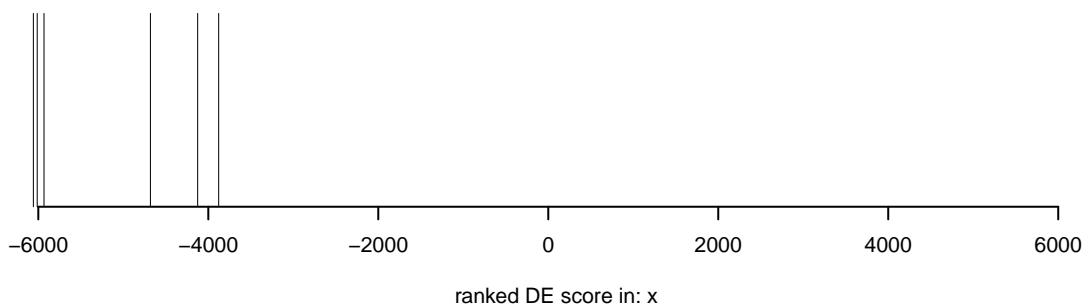
beeswarm plot



histogram

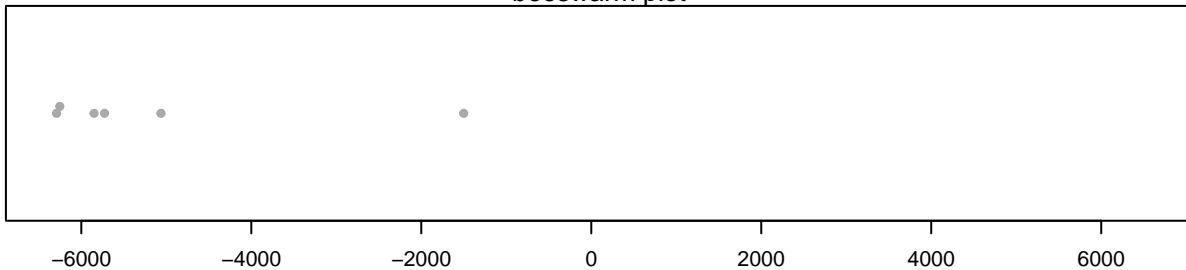


rugplot



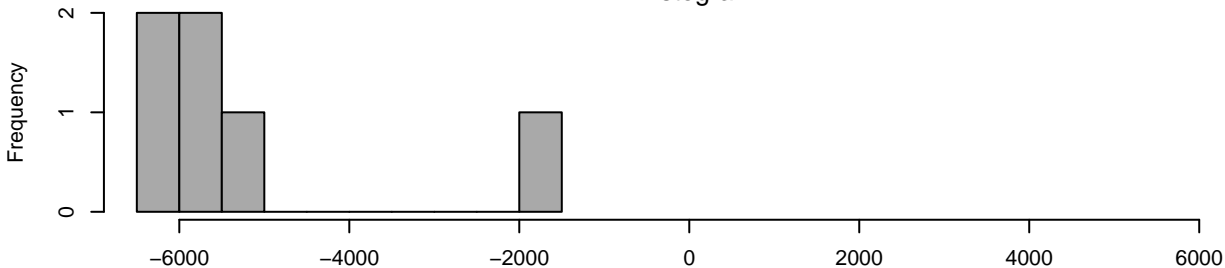
GOMF UBIQUINOL CYTOCHROME C REDUCTASE ACTIVITY

beeswarm plot



ranked DE score in: x

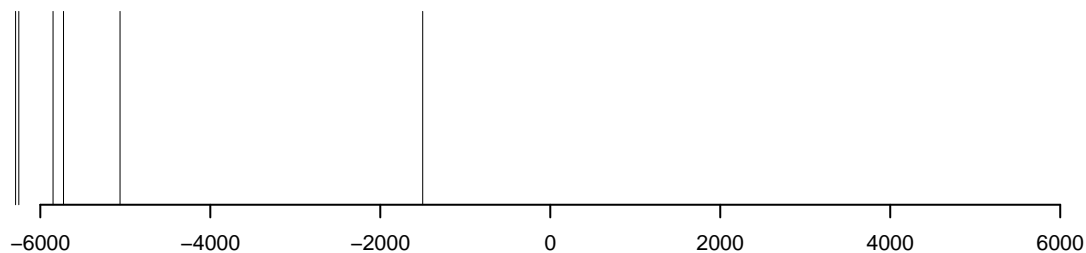
histogram



Frequency

ranked DE score in: x

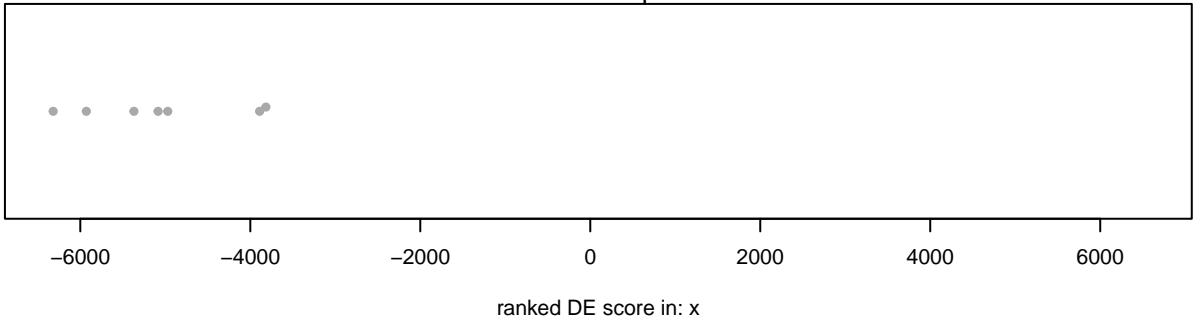
rugplot



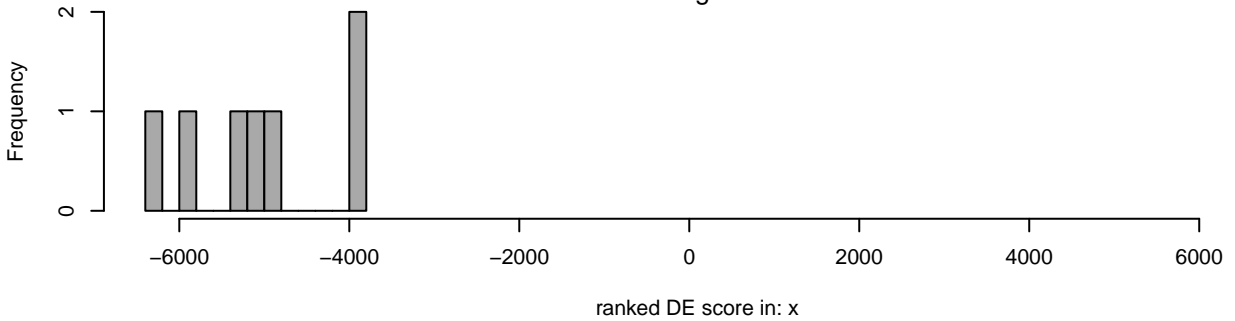
ranked DE score in: x

GOCC PTW PP1 PHOSPHATASE COMPLEX

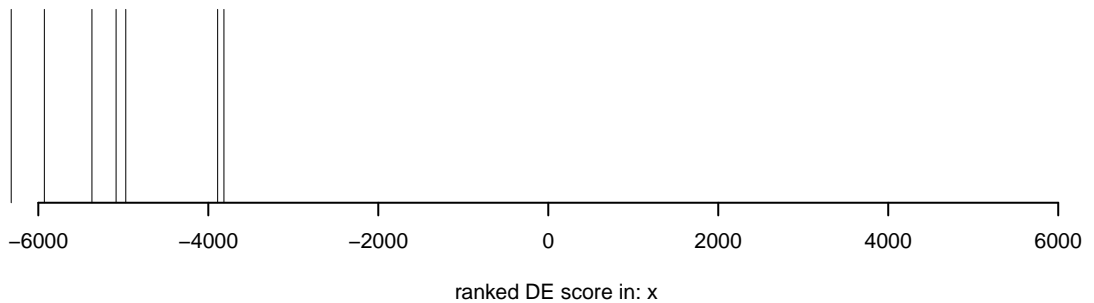
beeswarm plot



histogram

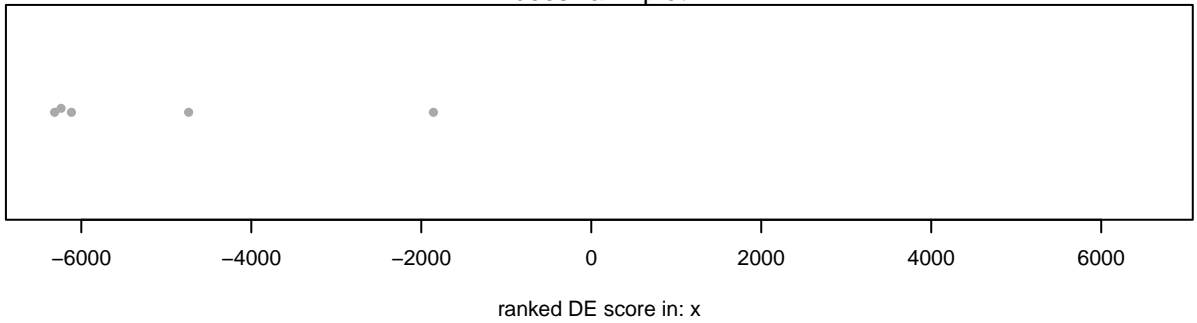


rugplot

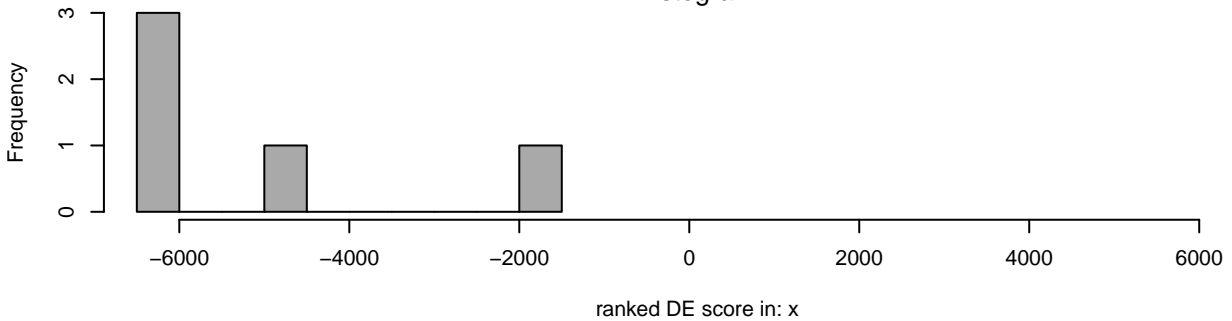


GOBP REGULATION OF PLASMA MEMBRANE REPAIR

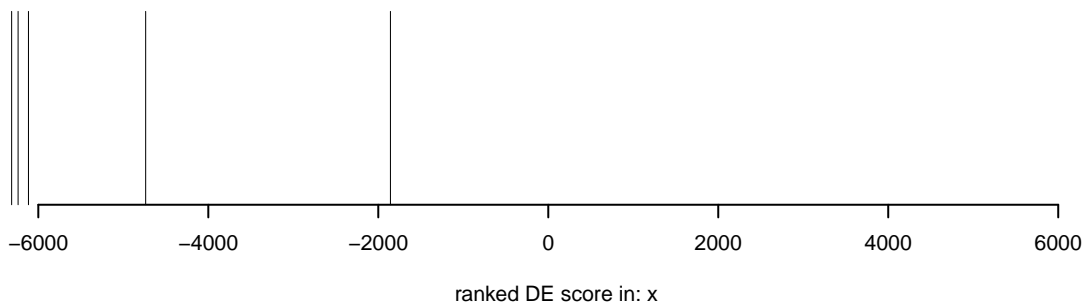
beeswarm plot



histogram

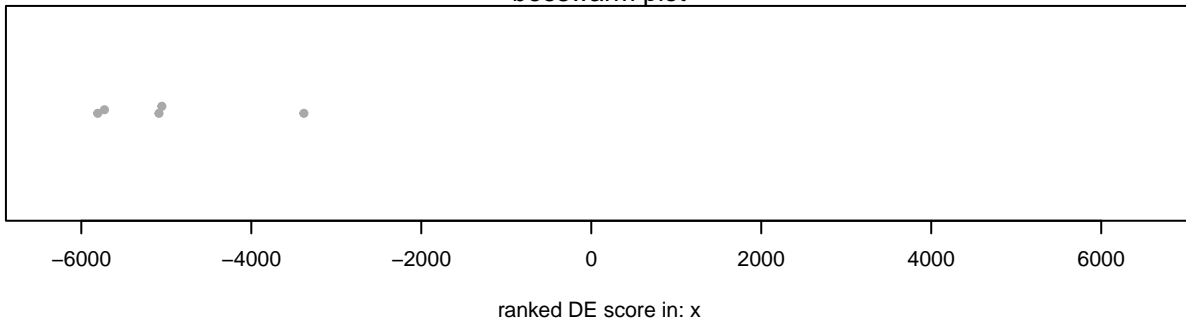


rugplot

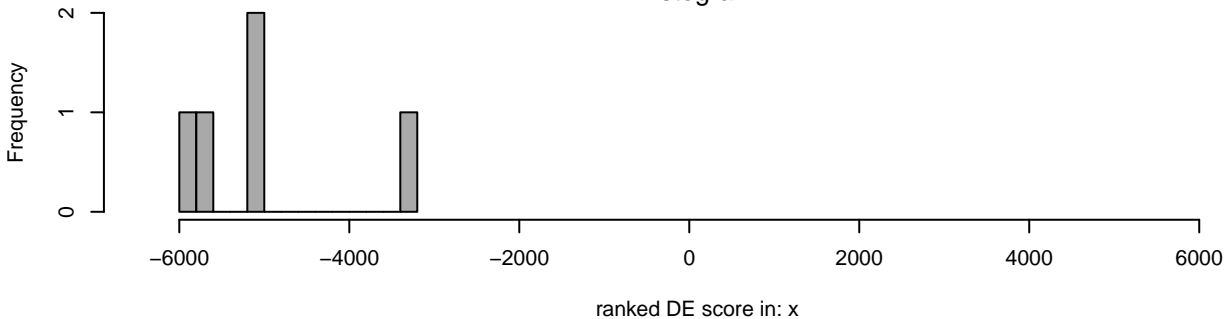


GOBP MRNA ALTERNATIVE POLYADENYLATION

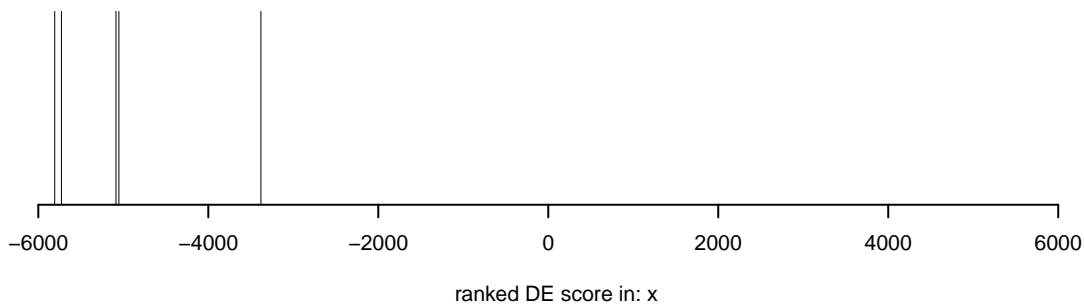
beeswarm plot



histogram

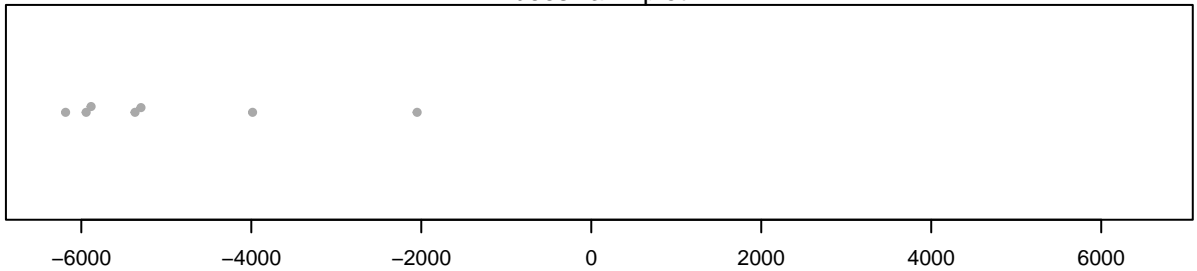


rugplot



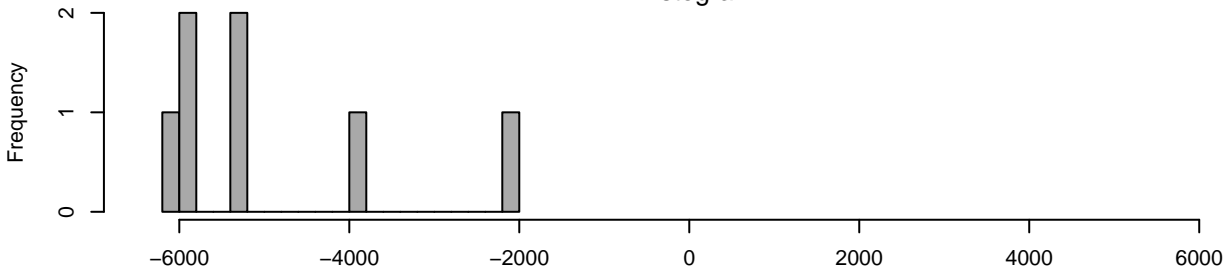
GOBP POST TRANSLATIONAL PROTEIN TARGETING TO MEMBRANE TRANSLOCATION

beeswarm plot



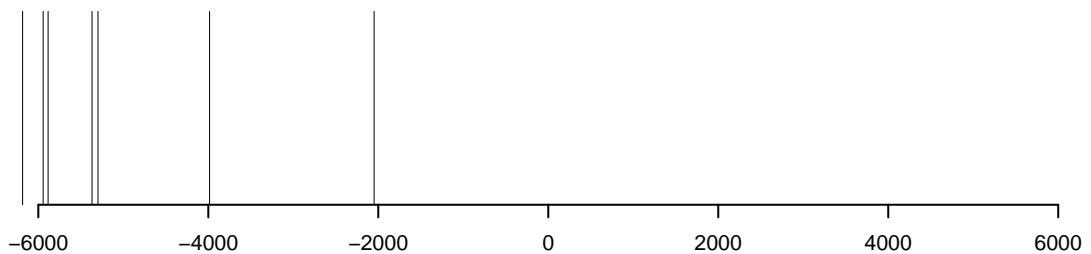
ranked DE score in: x

histogram



ranked DE score in: x

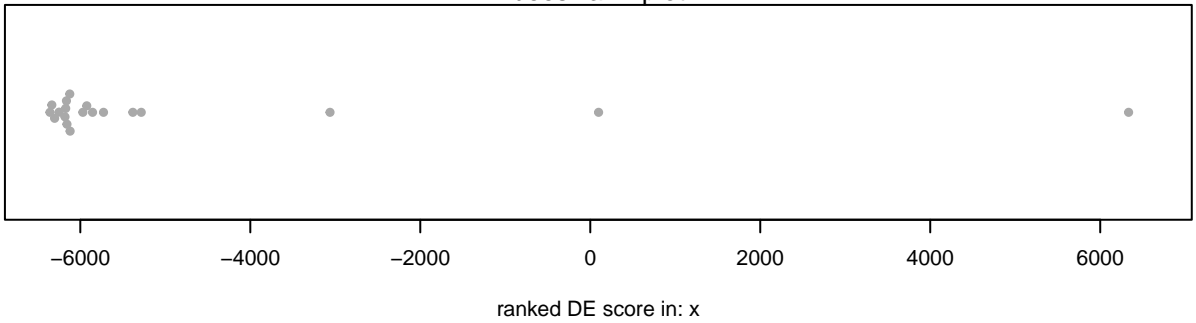
rugplot



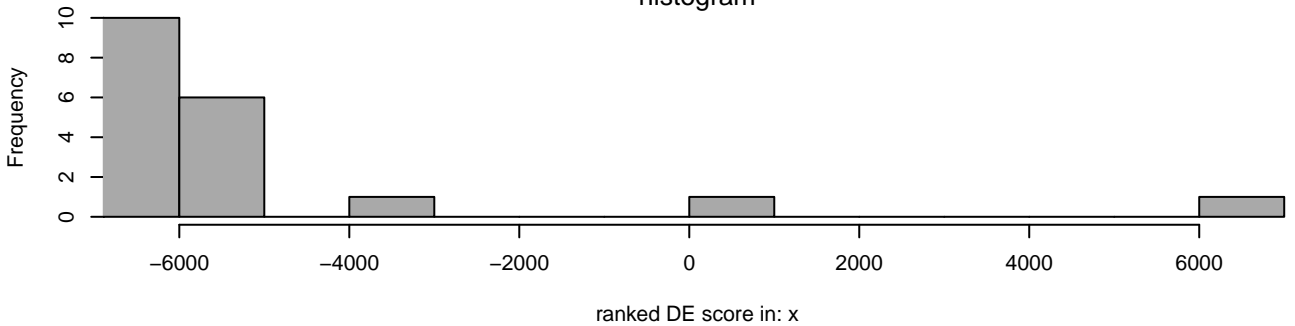
ranked DE score in: x

GOCC RESPIRATORY CHAIN COMPLEX IV

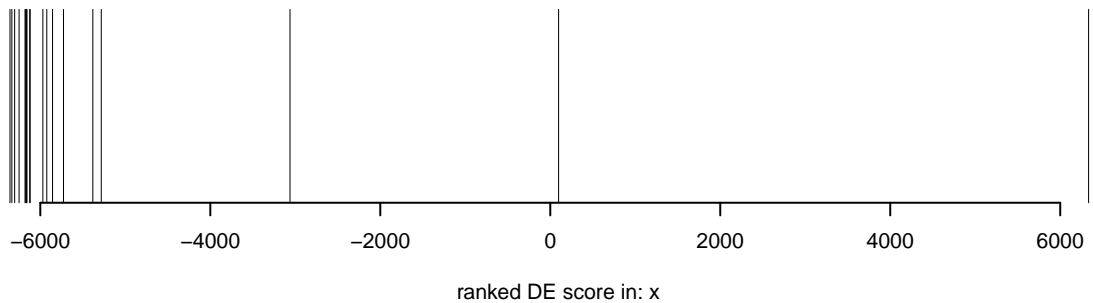
beeswarm plot



histogram

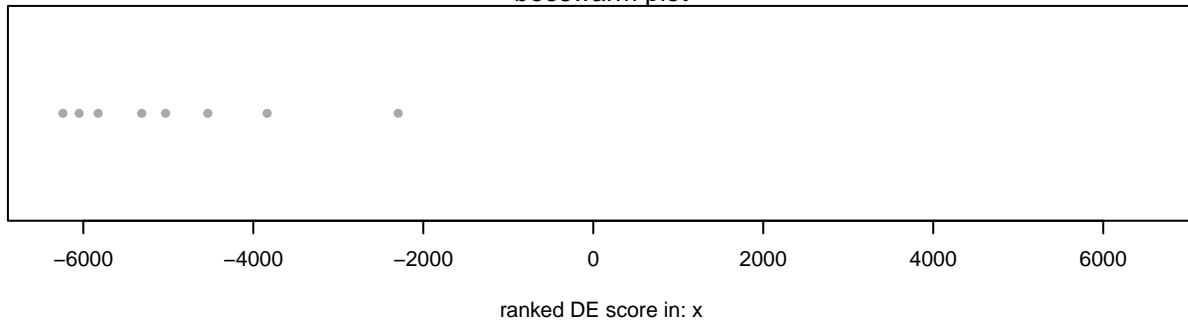


rugplot

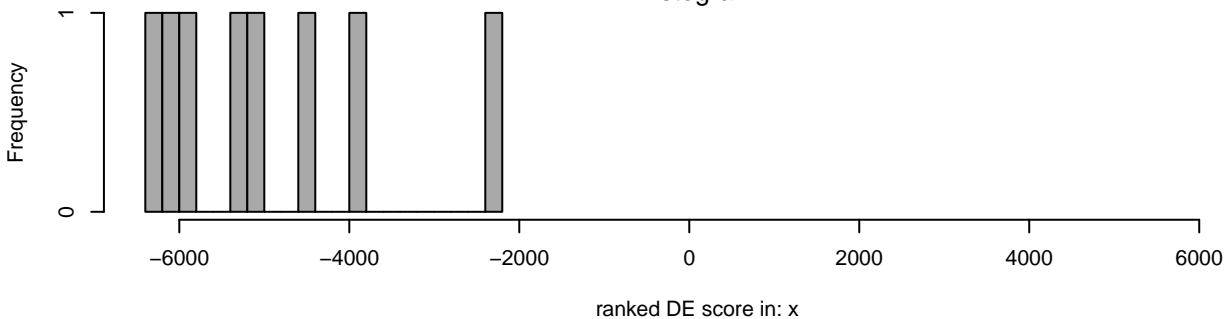


GOBP 7 METHYLGUANOSINE CAP HYPERMETHYLATION

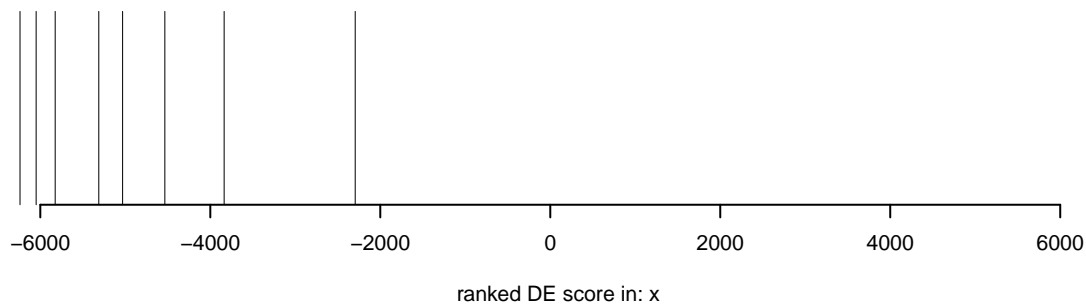
beeswarm plot



histogram

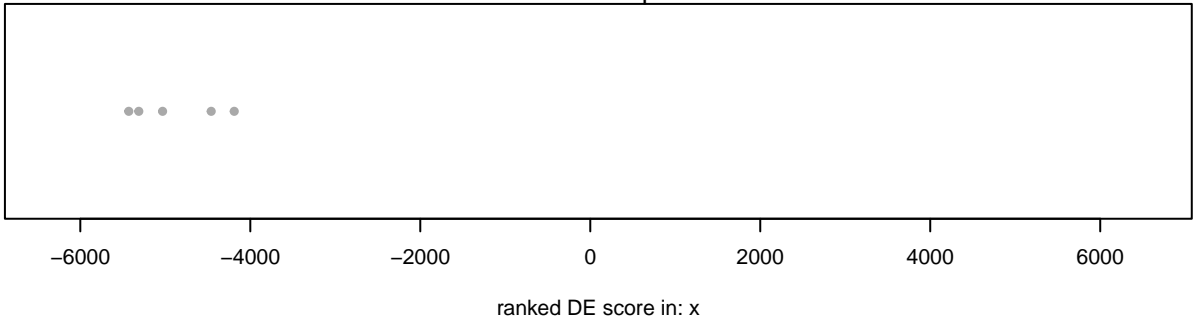


rugplot

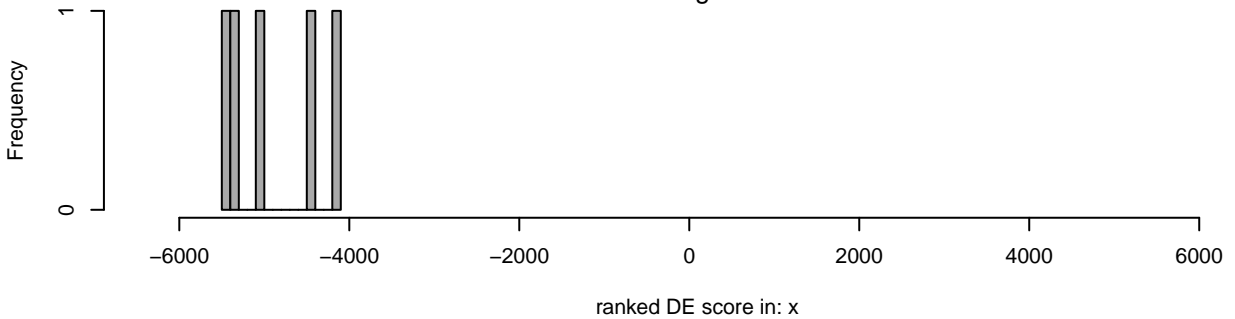


GOCC COMMITMENT COMPLEX

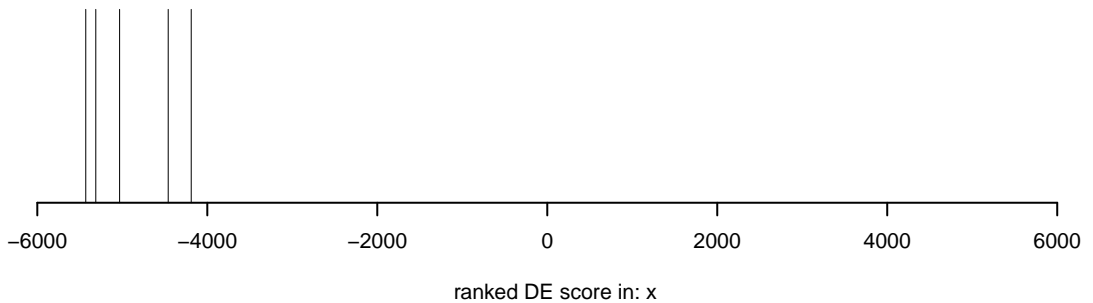
beeswarm plot



histogram

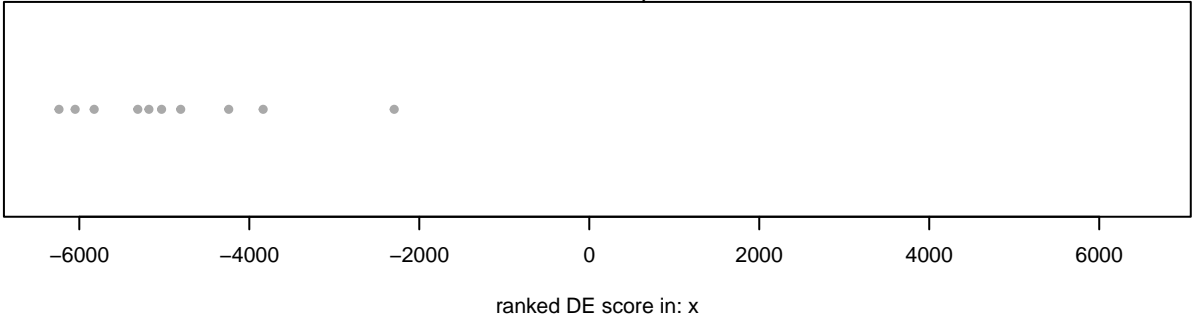


rugplot

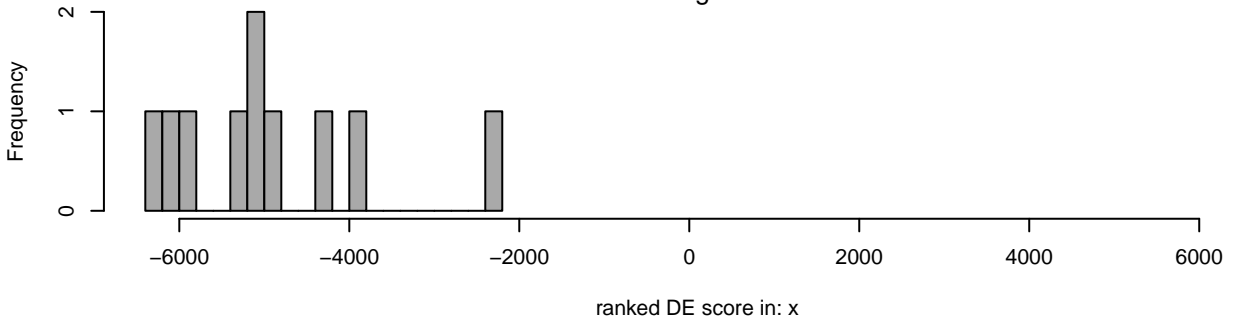


GOCC U4 SNRNP

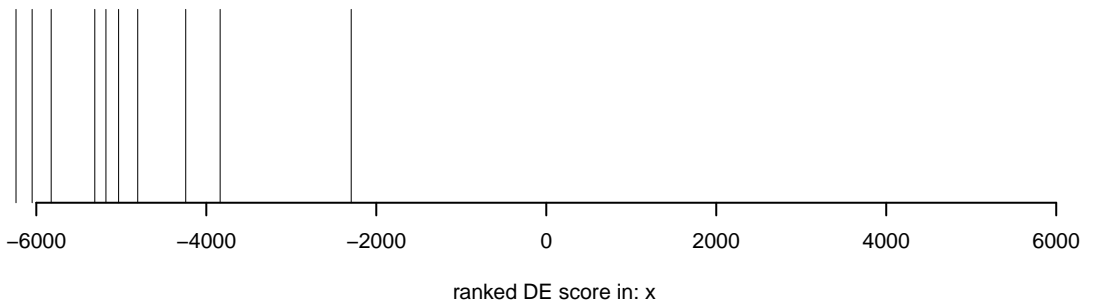
beeswarm plot



histogram

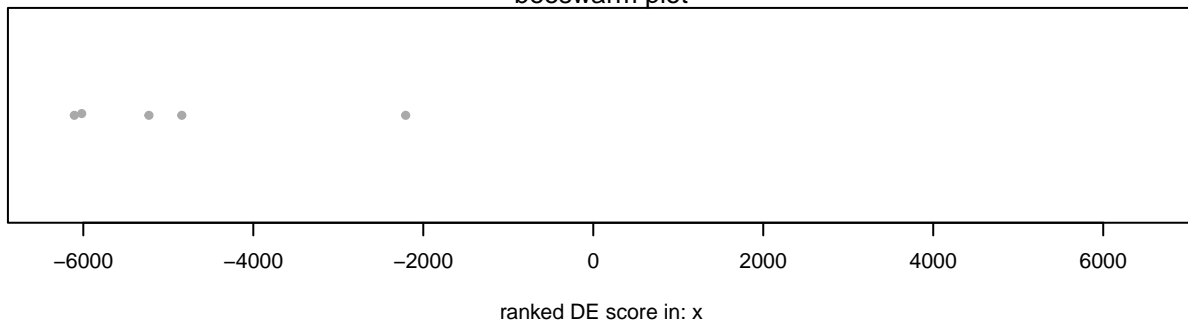


rugplot

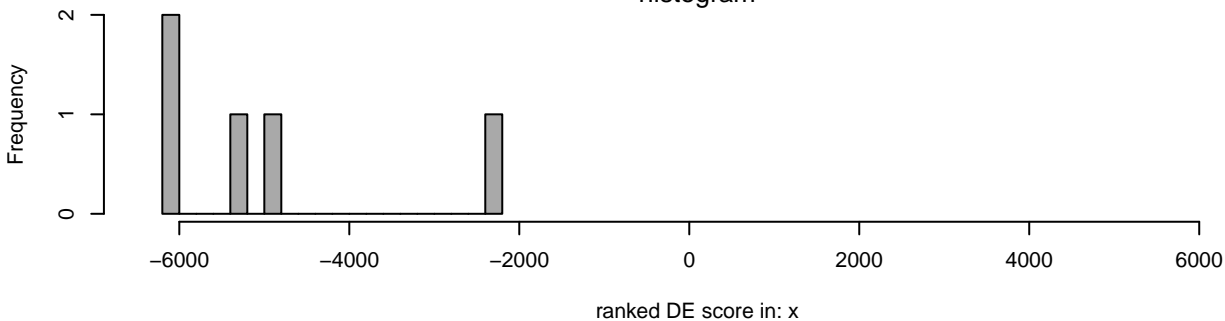


POSITIVE REGULATION OF OXIDATIVE STRESS INDUCED INTRINSIC APOPTOTIC SIGNALI

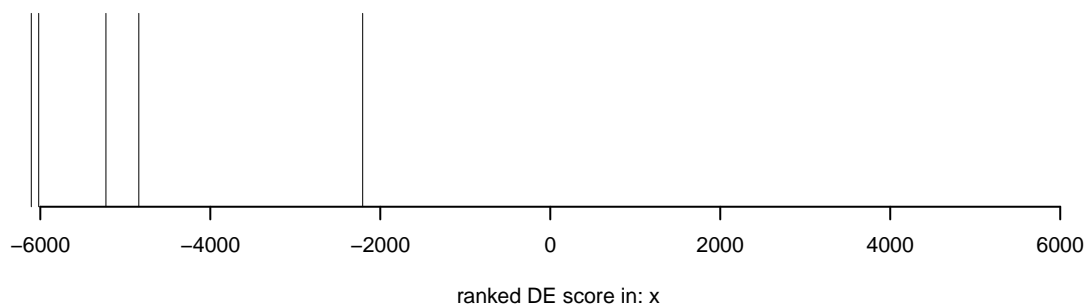
beeswarm plot



histogram



rugplot



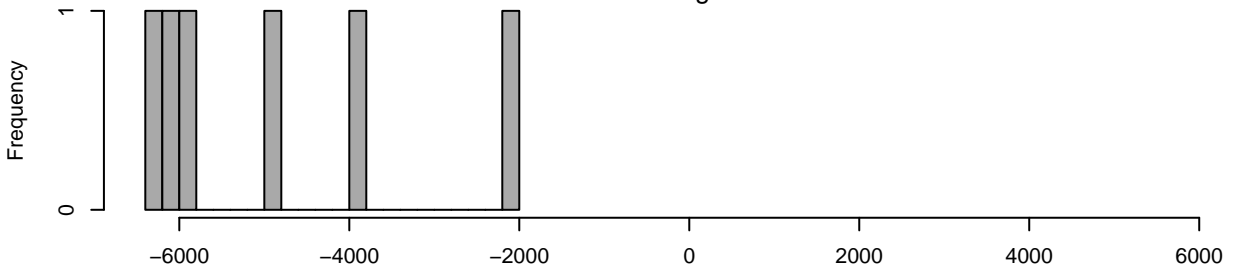
GOCC TRANSLOCON COMPLEX

beeswarm plot



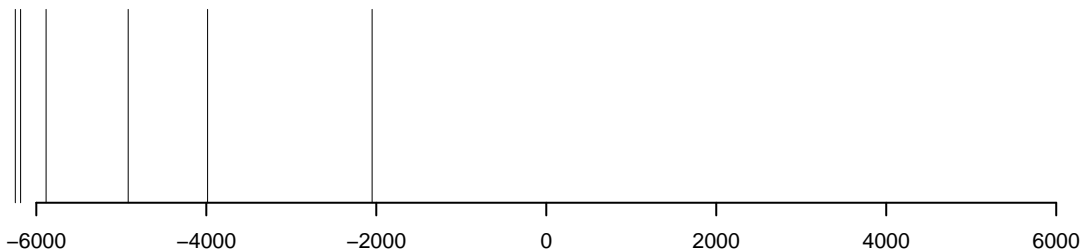
ranked DE score in: x

histogram



ranked DE score in: x

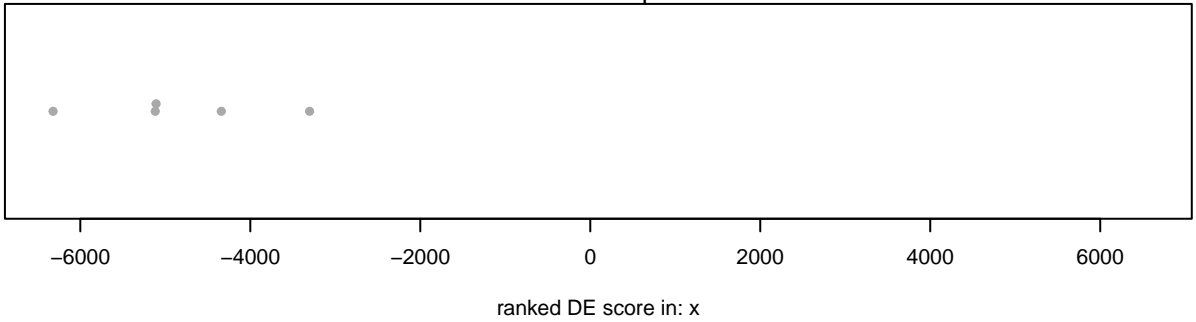
rugplot



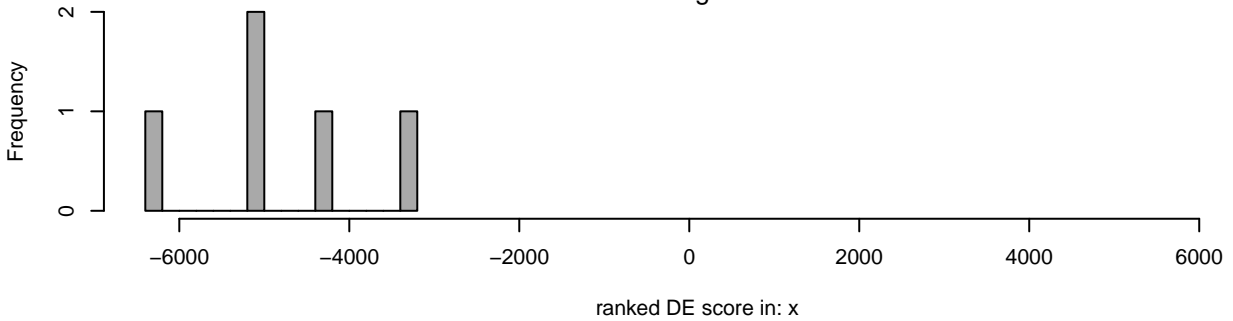
ranked DE score in: x

GOBP ACTIVATION OF JANUS KINASE ACTIVITY

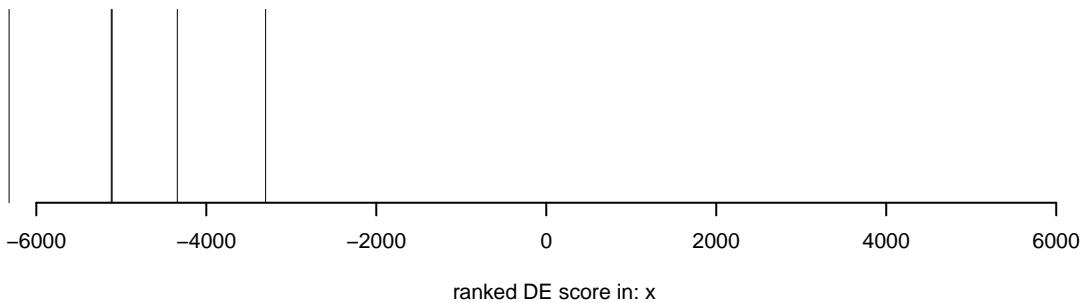
beeswarm plot



histogram

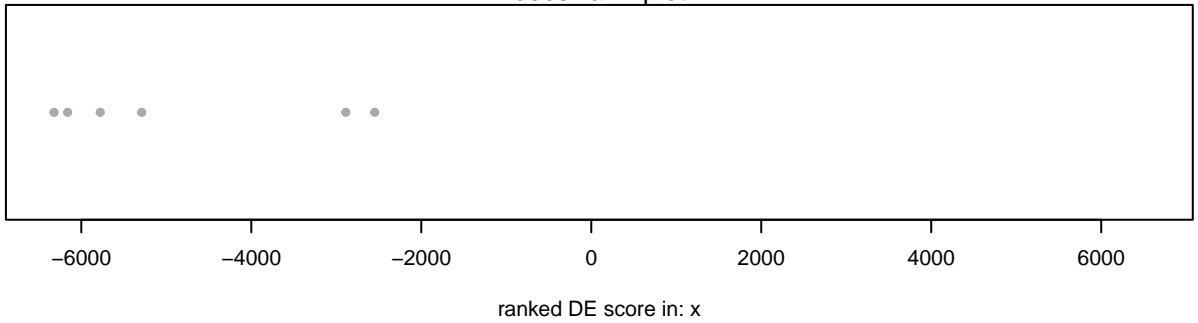


rugplot

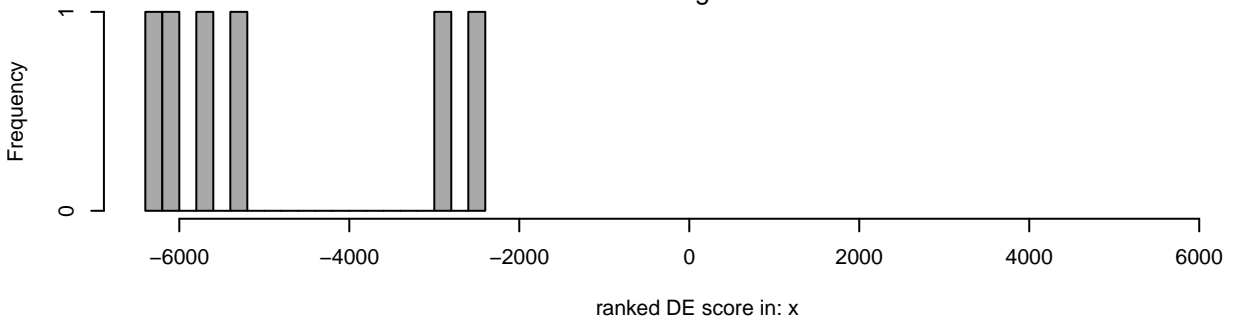


GOMF SUPERCOILED DNA BINDING

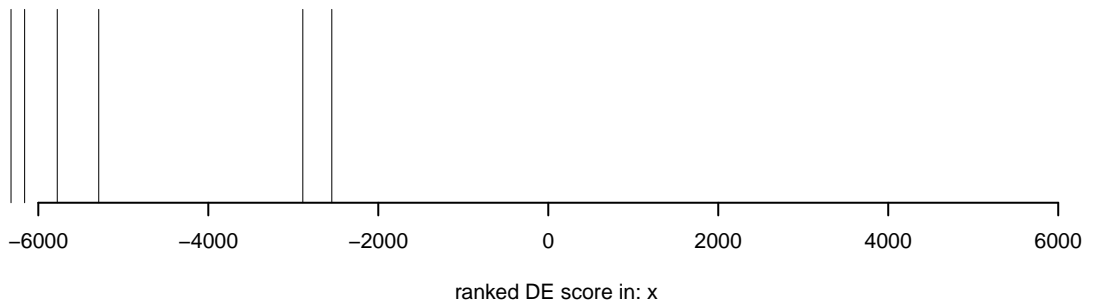
beeswarm plot



histogram

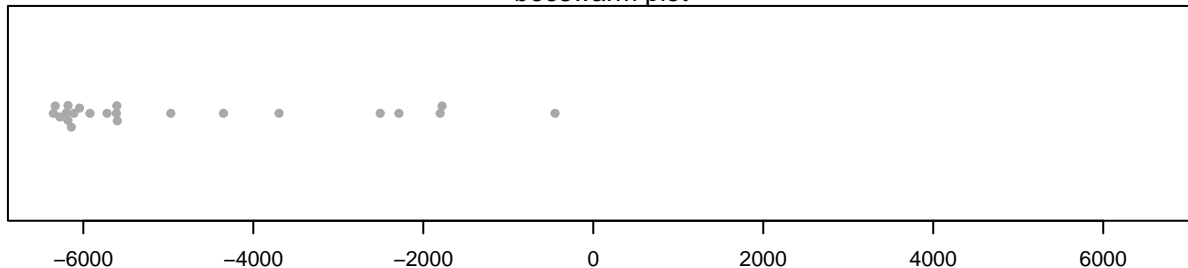


rugplot



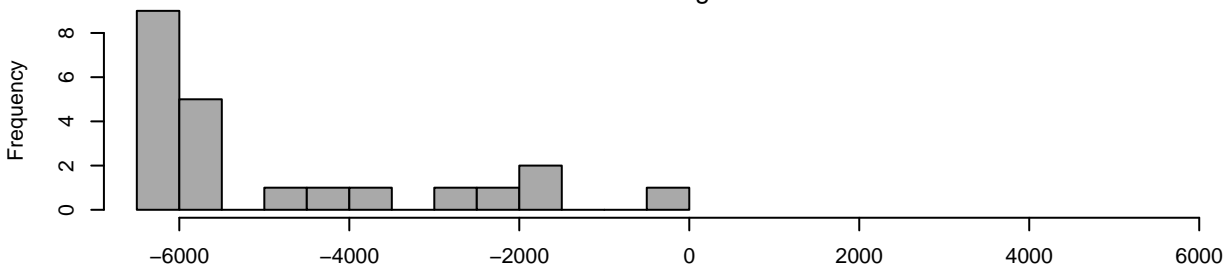
C PROTON TRANSPORTING TWO SECTOR ATPASE COMPLEX PROTON TRANSPORTING

beeswarm plot



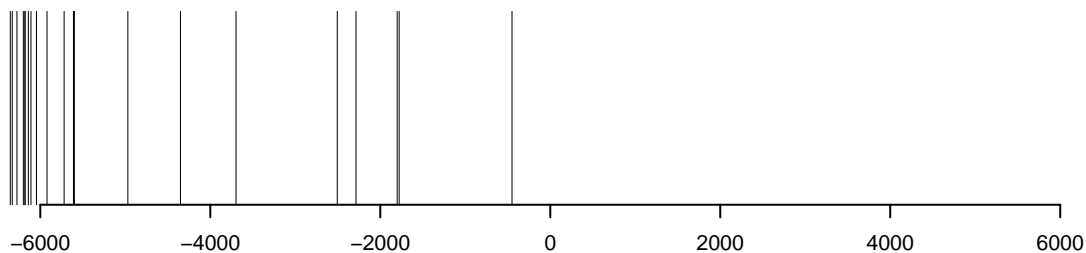
ranked DE score in: x

histogram



ranked DE score in: x

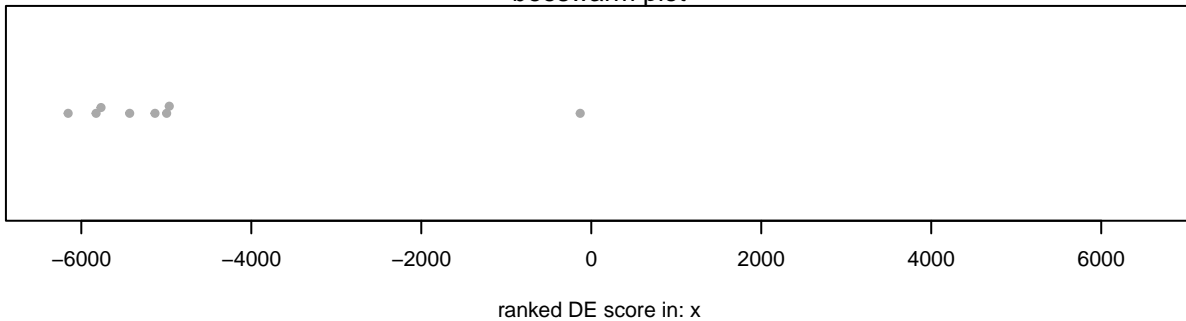
rugplot



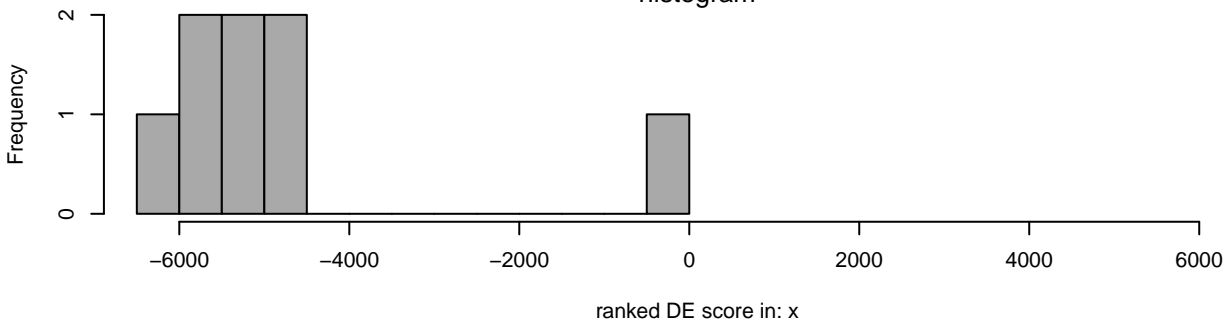
ranked DE score in: x

GOCC MHC CLASS I PEPTIDE LOADING COMPLEX

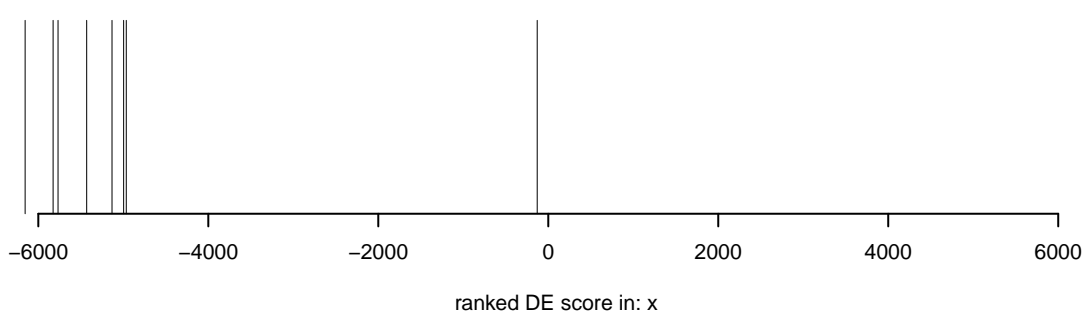
beeswarm plot



histogram

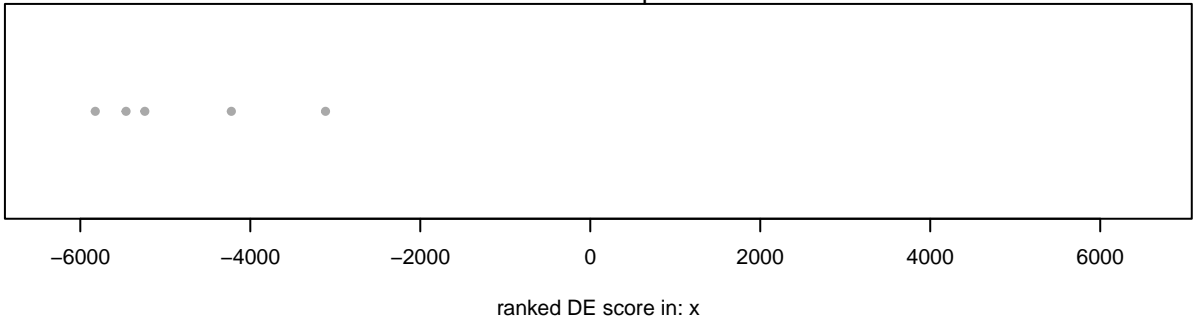


rugplot

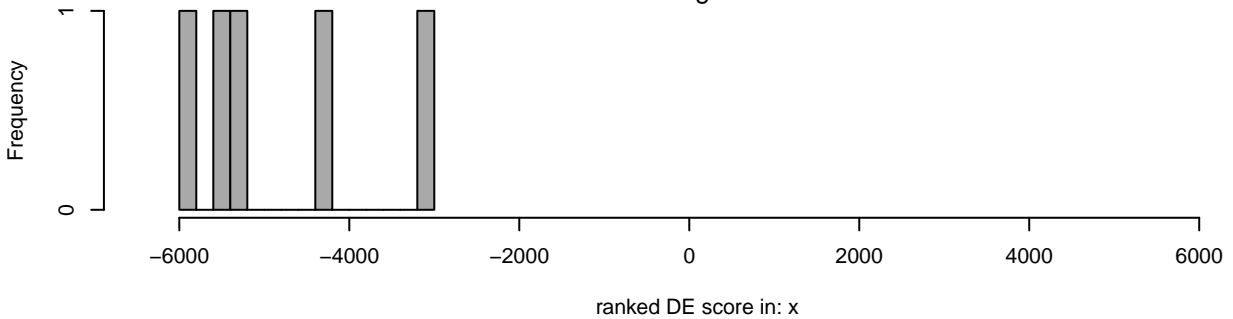


GOBP NEGATIVE REGULATION OF FIBROBLAST MIGRATION

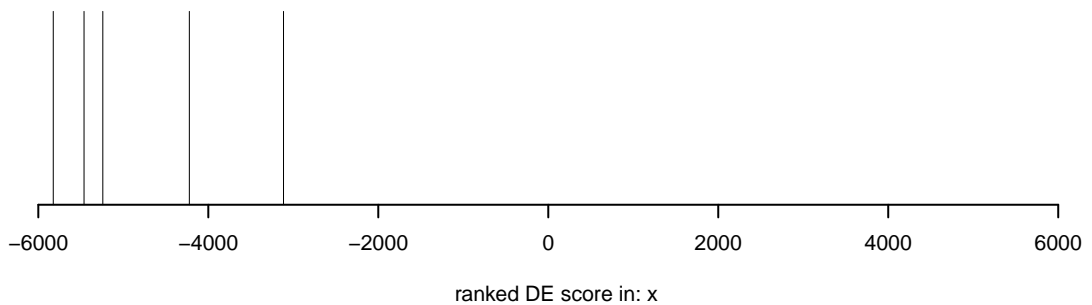
beeswarm plot



histogram

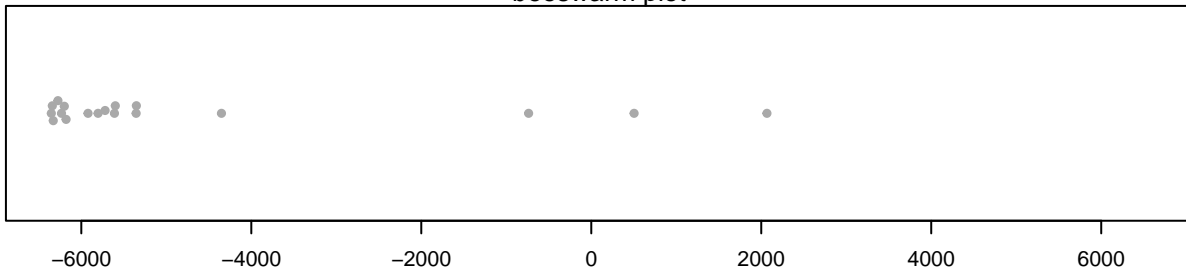


rugplot



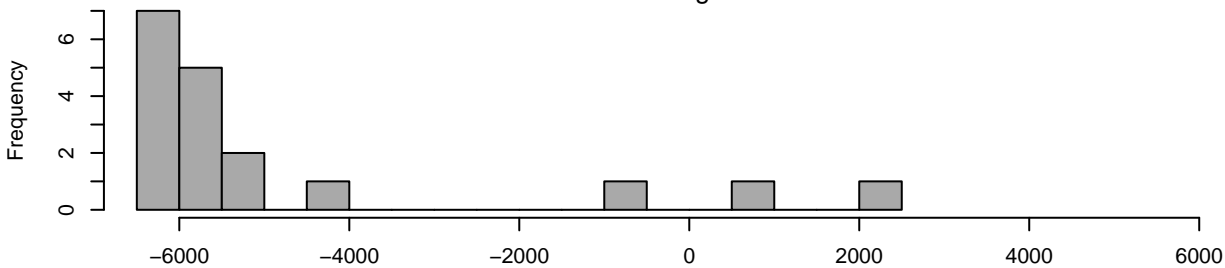
GOMF PROTON CHANNEL ACTIVITY

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

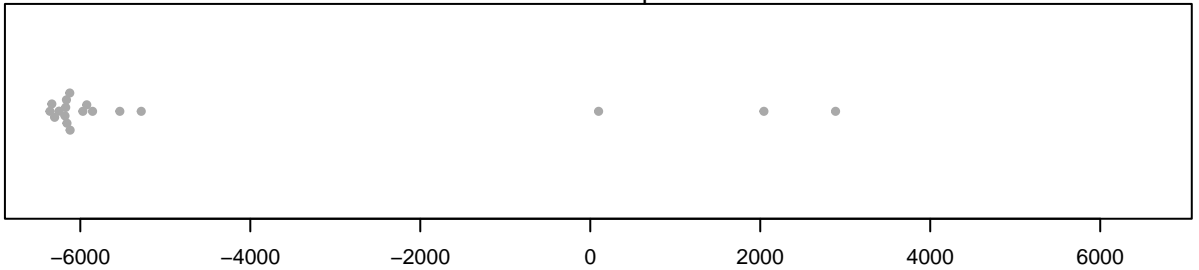
rugplot



ranked DE score in: x

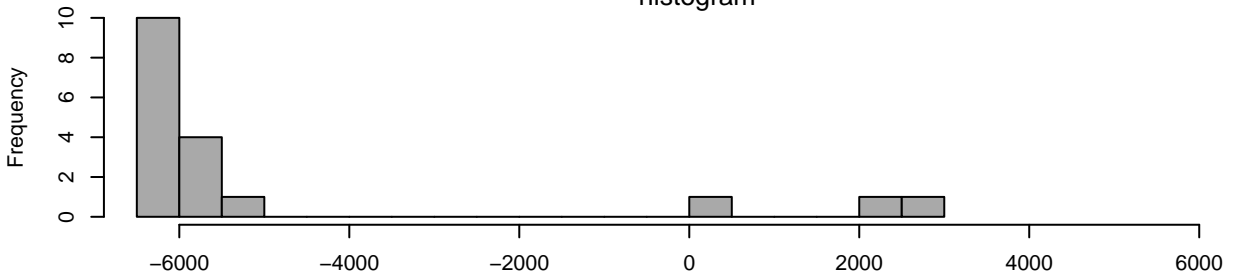
GOBP MITOCHONDRIAL ELECTRON TRANSPORT CYTOCHROME C TO OXYGEN

beeswarm plot



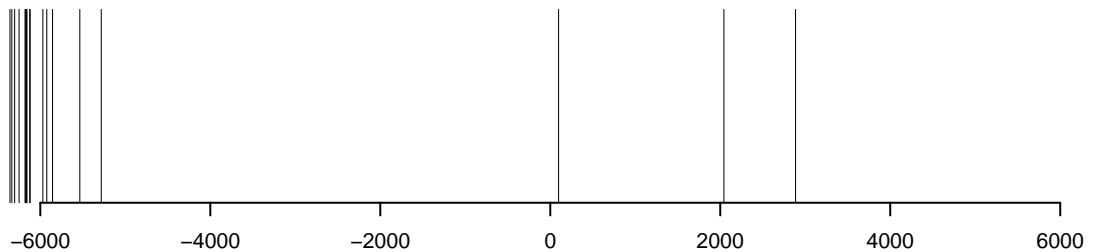
ranked DE score in: x

histogram



ranked DE score in: x

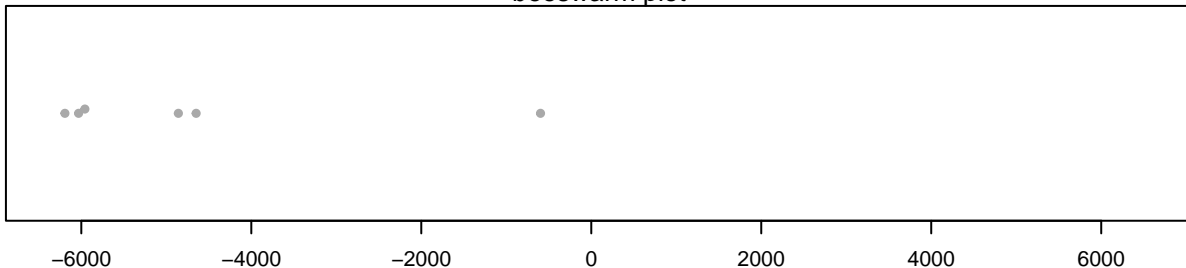
rugplot



ranked DE score in: x

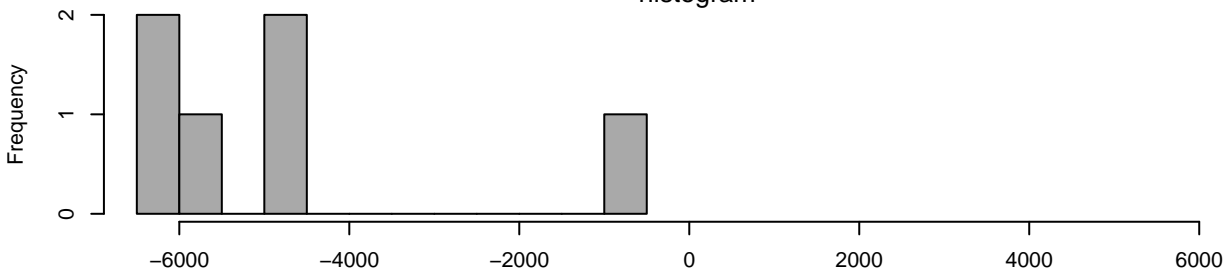
GOBP REGULATION OF PROTEIN K48 LINKED UBIQUITINATION

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

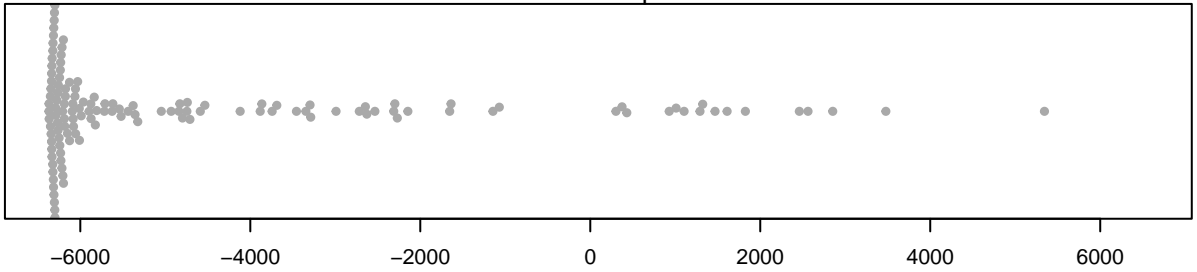
rugplot



ranked DE score in: x

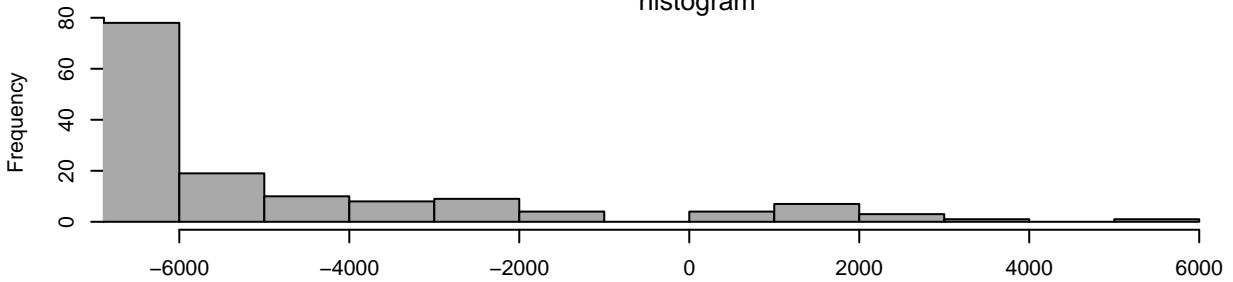
GOBP CYTOPLASMIC TRANSLATION

beeswarm plot



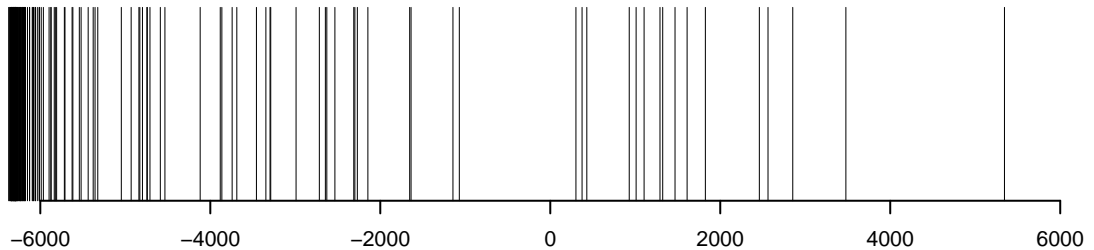
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

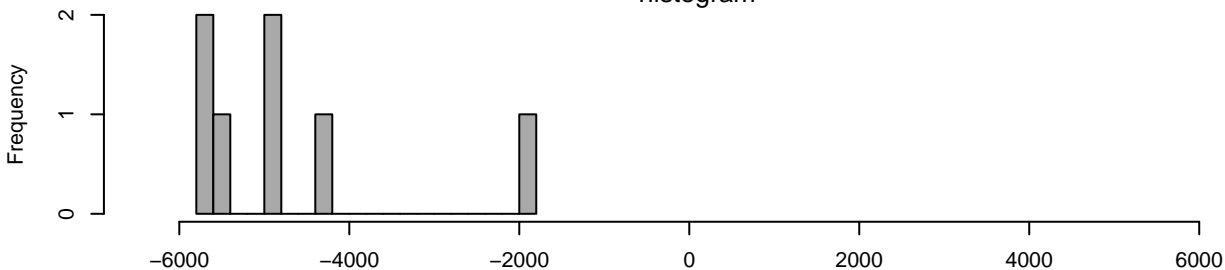
GOBP REGULATION OF MRNA EXPORT FROM NUCLEUS

beeswarm plot



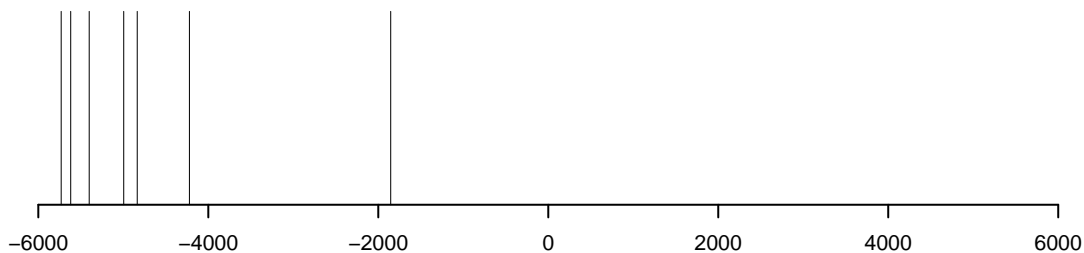
ranked DE score in: x

histogram



ranked DE score in: x

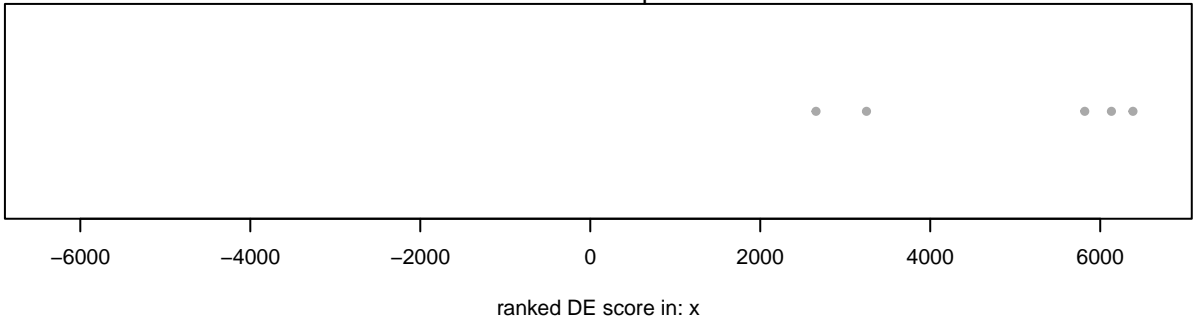
rugplot



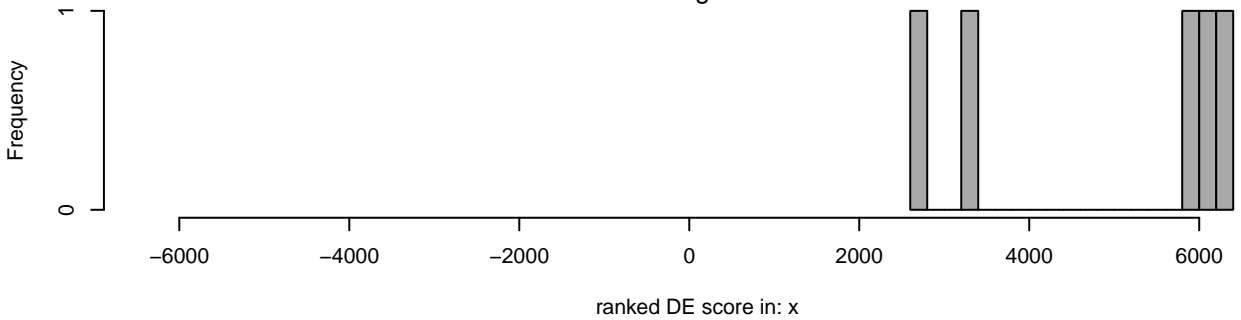
ranked DE score in: x

GOBP NEURON CELL CELL ADHESION

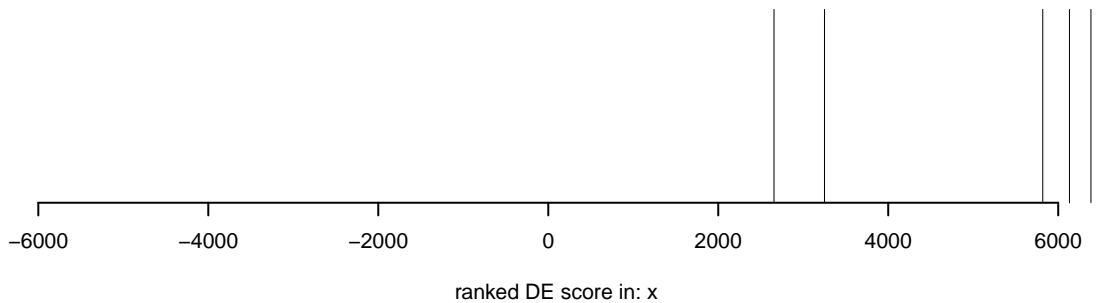
beeswarm plot



histogram



rugplot



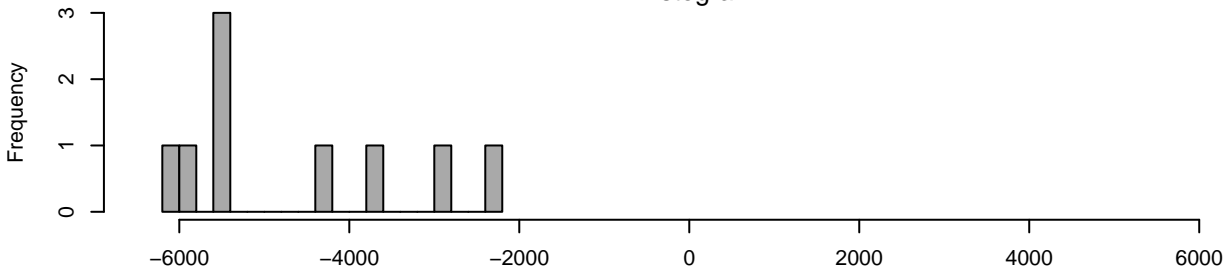
GOMF PHOSPHATIDYLETHANOLAMINE BINDING

beeswarm plot



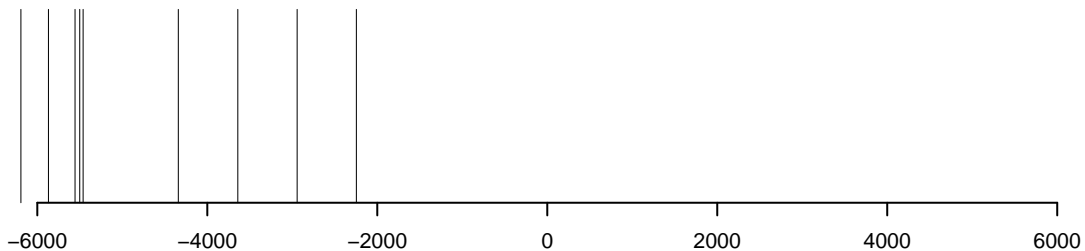
ranked DE score in: x

histogram



ranked DE score in: x

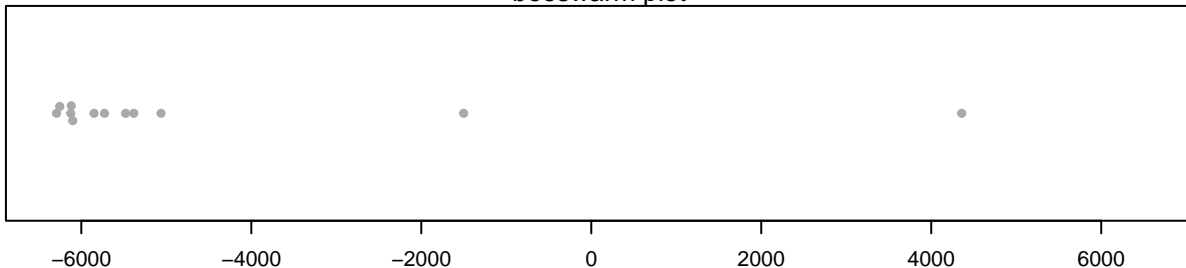
rugplot



ranked DE score in: x

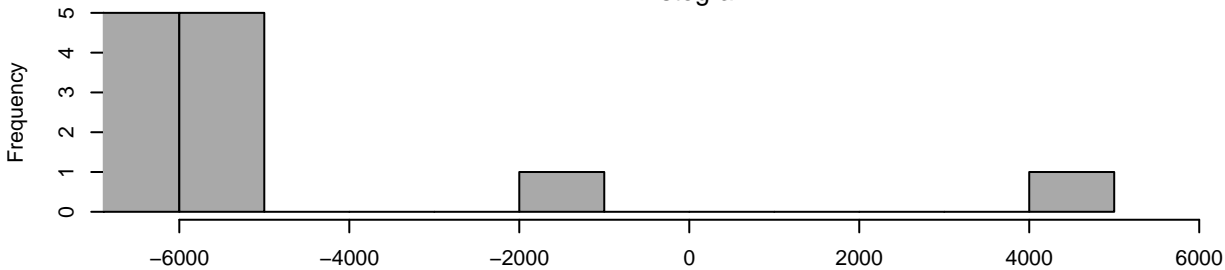
GOCC MITOCHONDRIAL RESPIRATORY CHAIN COMPLEX III

beeswarm plot



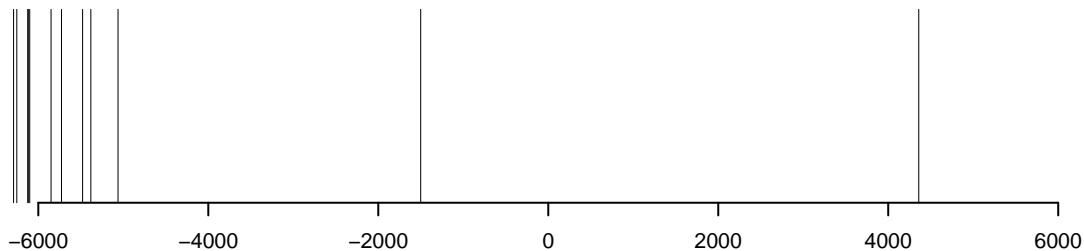
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

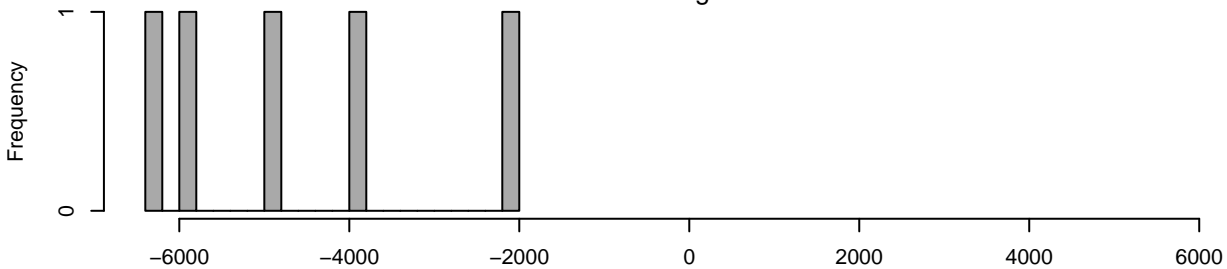
GOCC SEC61 TRANSLOCON COMPLEX

beeswarm plot



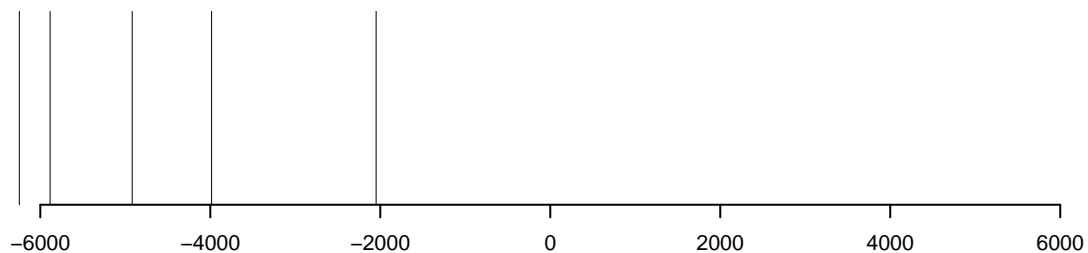
ranked DE score in: x

histogram



ranked DE score in: x

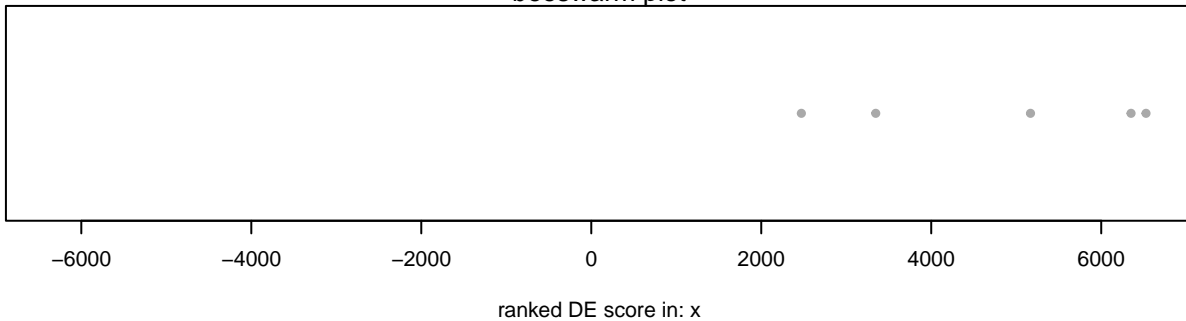
rugplot



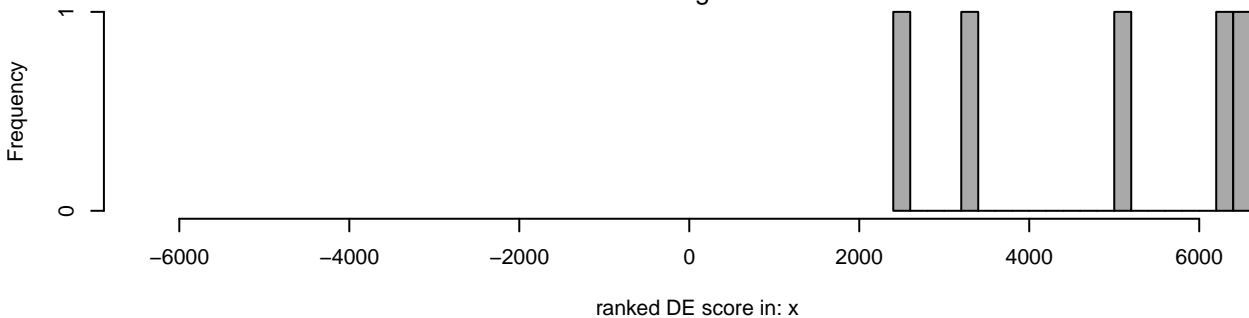
ranked DE score in: x

GOBP CEREBROSPINAL FLUID CIRCULATION

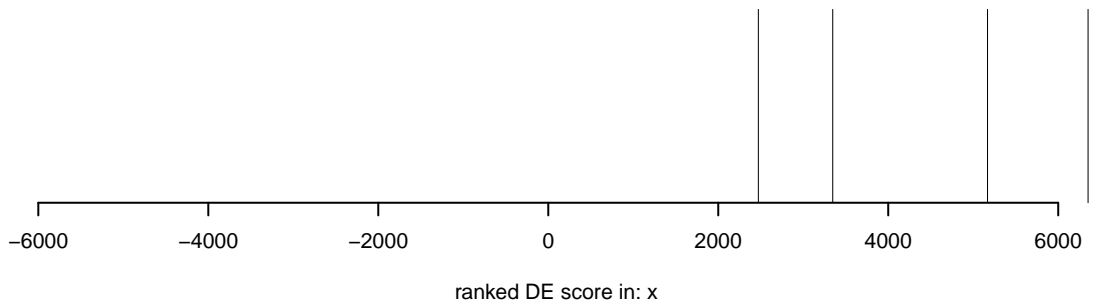
beeswarm plot



histogram

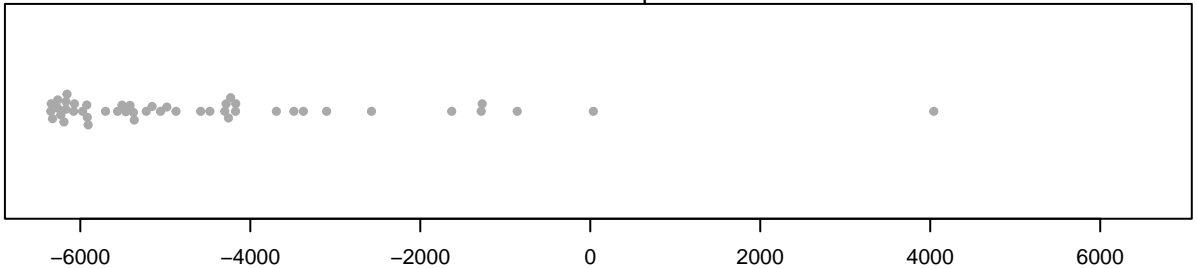


rugplot



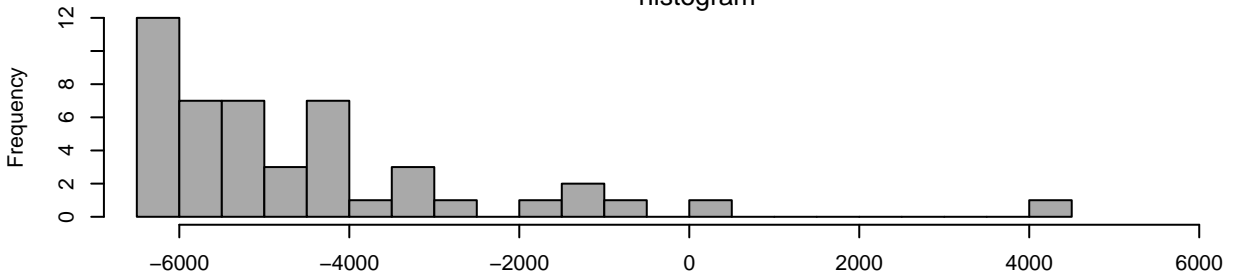
GOCC NADH DEHYDROGENASE COMPLEX

beeswarm plot



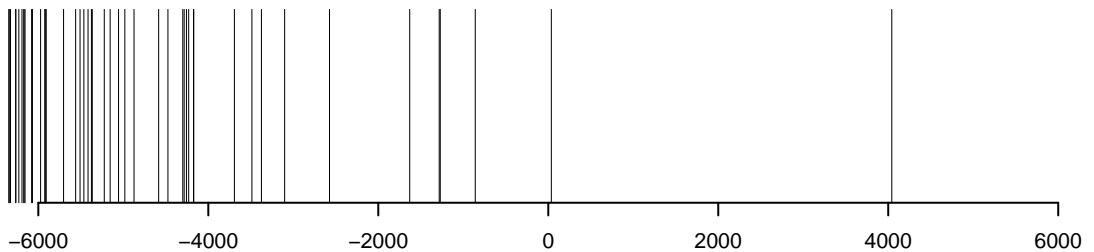
ranked DE score in: x

histogram



ranked DE score in: x

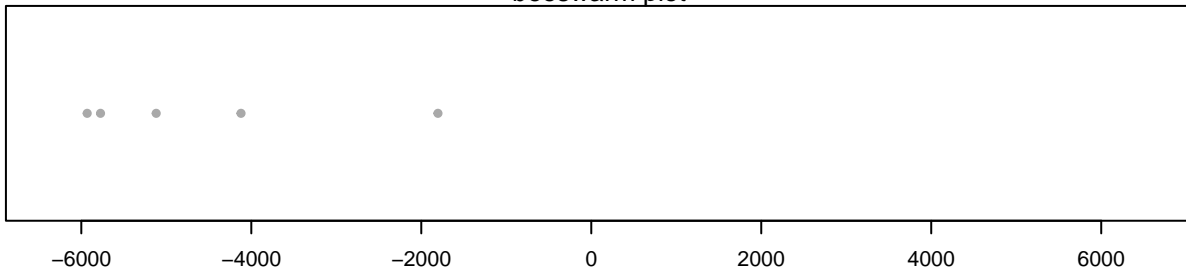
rugplot



ranked DE score in: x

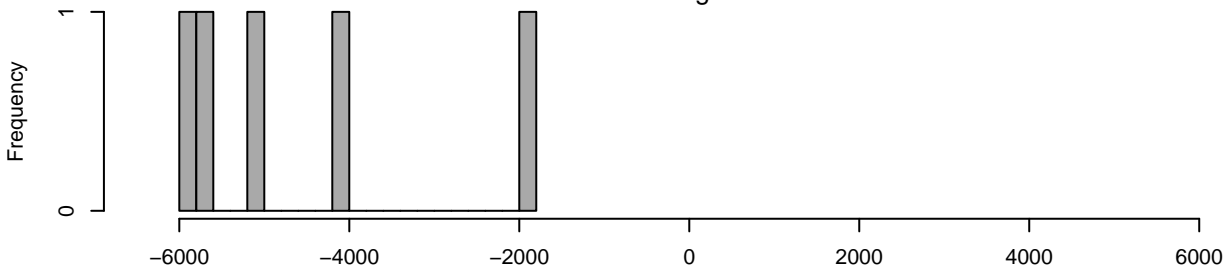
GOBP REGULATION OF METALLOENDOPEPTIDASE ACTIVITY

beeswarm plot



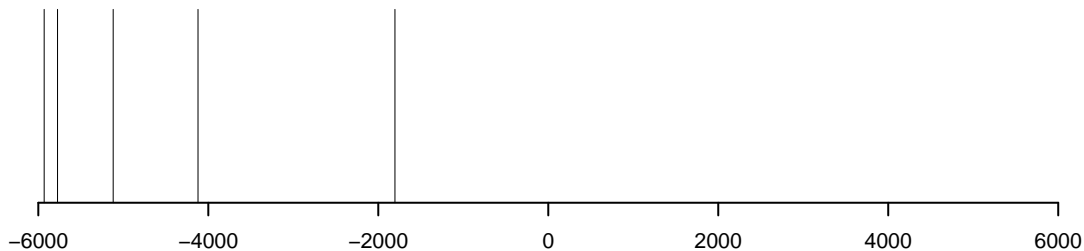
ranked DE score in: x

histogram



ranked DE score in: x

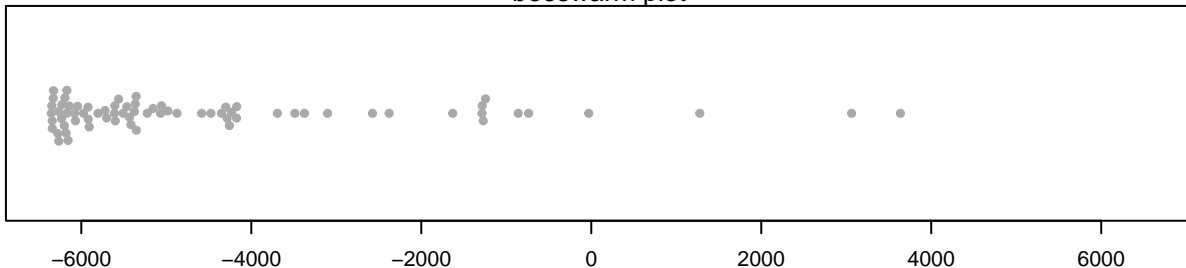
rugplot



ranked DE score in: x

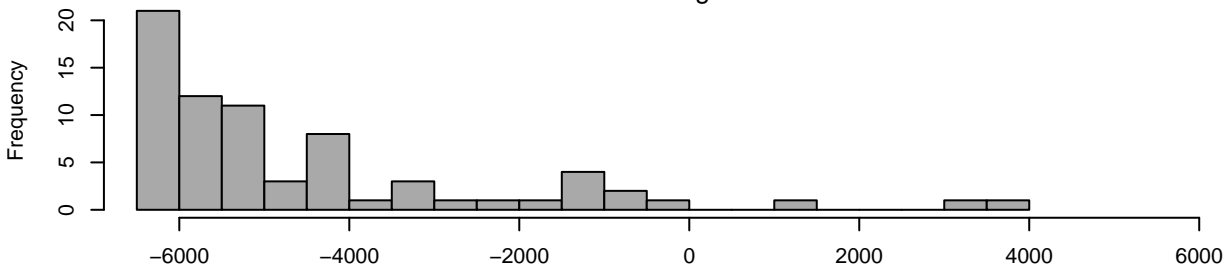
GOBP PROTON MOTIVE FORCE DRIVEN ATP SYNTHESIS

beeswarm plot



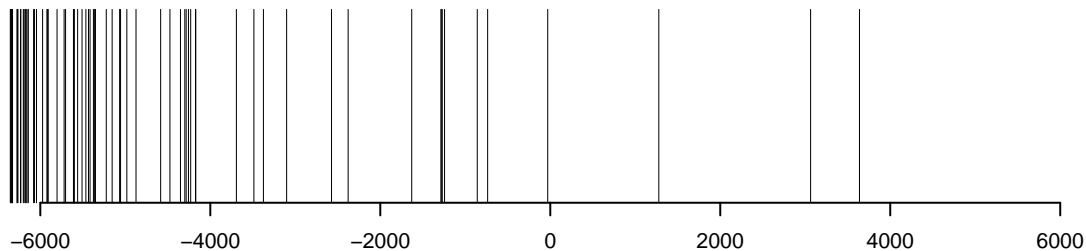
ranked DE score in: x

histogram



ranked DE score in: x

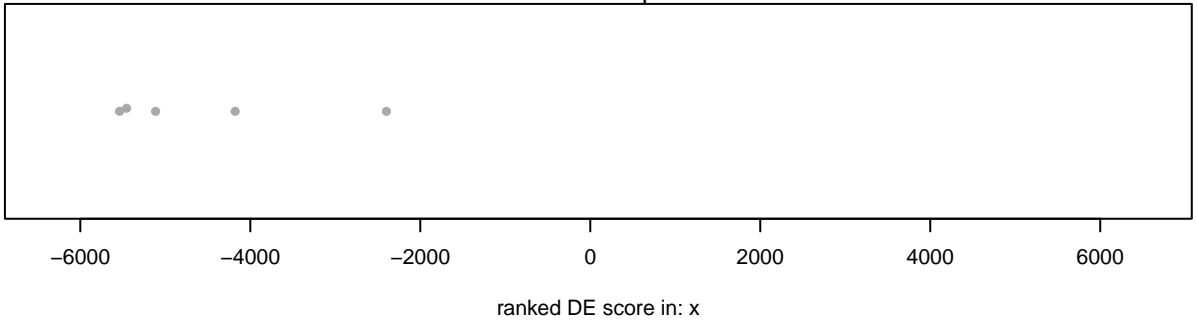
rugplot



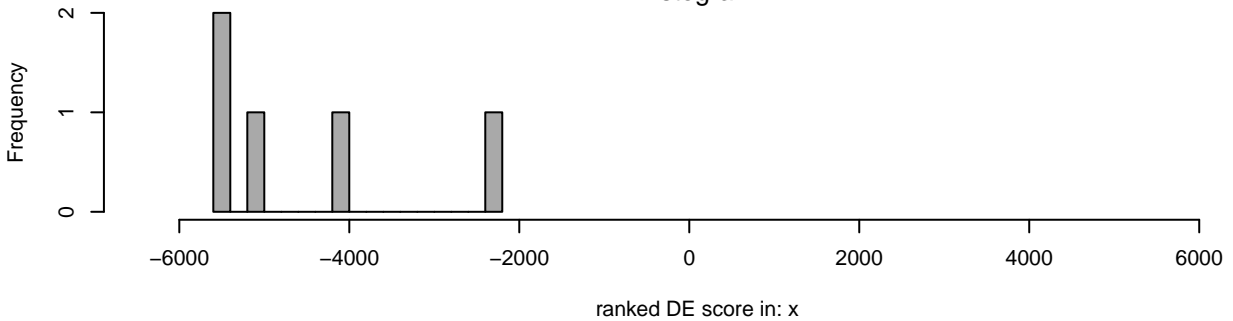
ranked DE score in: x

GOCC INSULIN RESPONSIVE COMPARTMENT

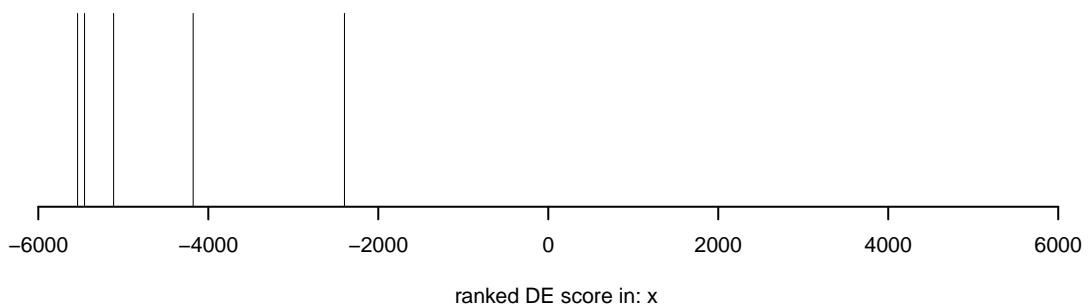
beeswarm plot



histogram



rugplot



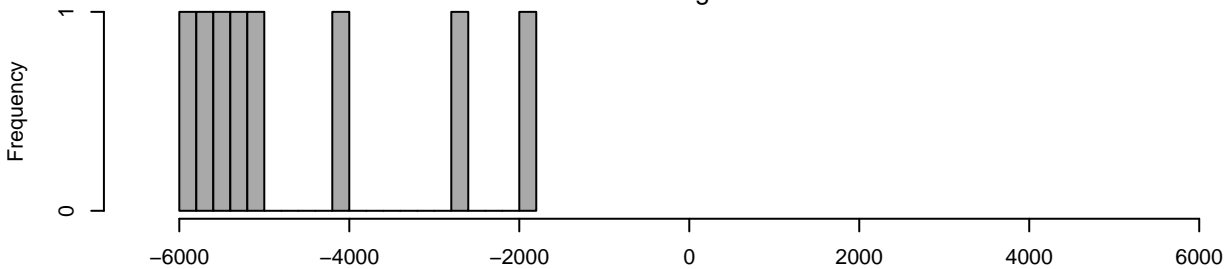
GOBP CONNECTIVE TISSUE REPLACEMENT

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x