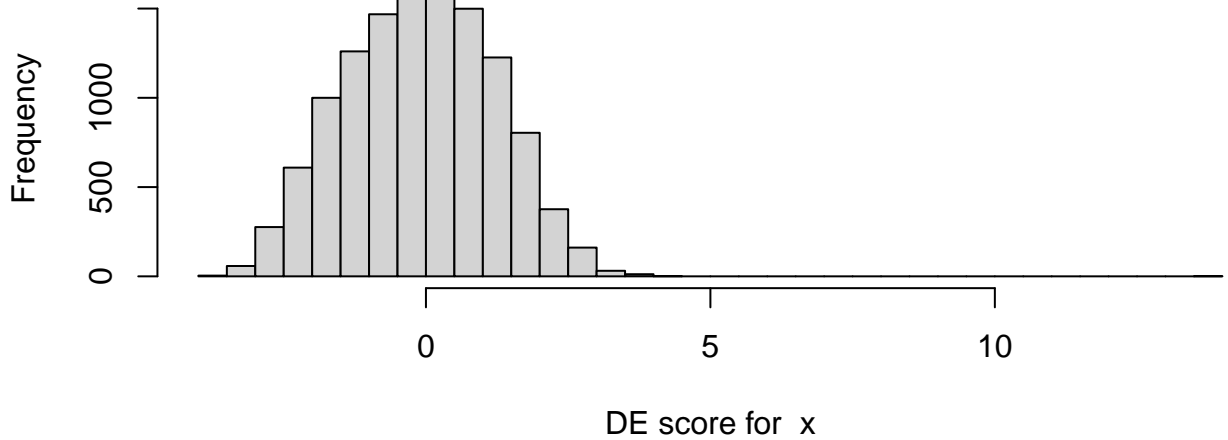
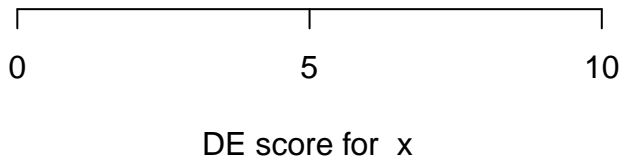


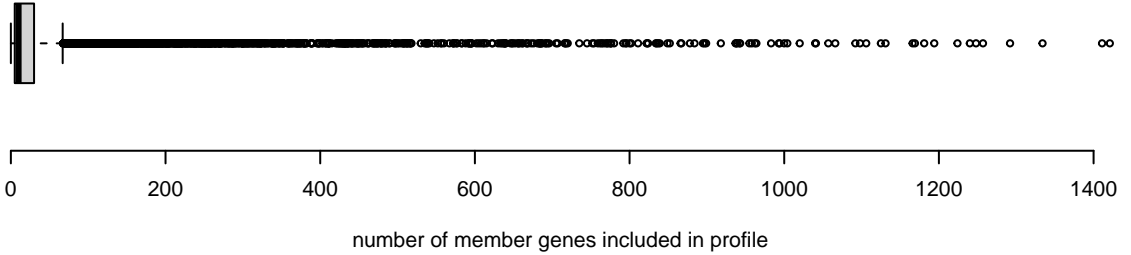
Distribution of DE scores



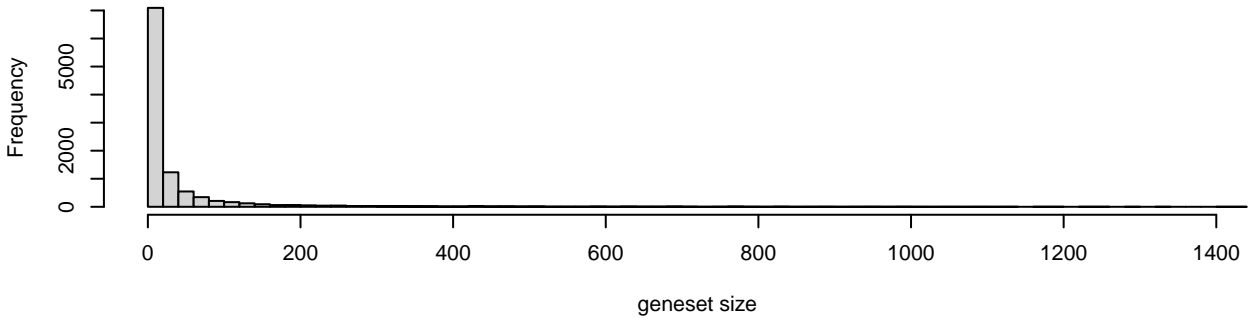
12037 genes in total, 5709 trending up-regulated, 6328 trending down-regulated



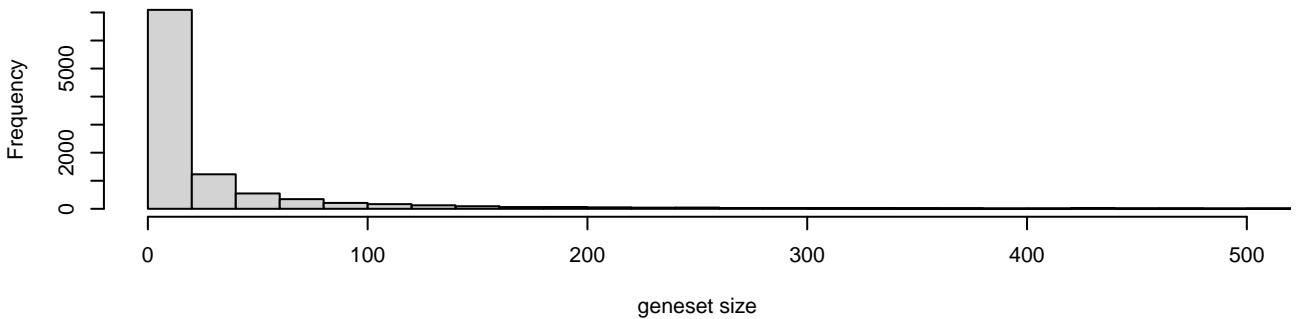
Gene set size



Histogram of geneset size

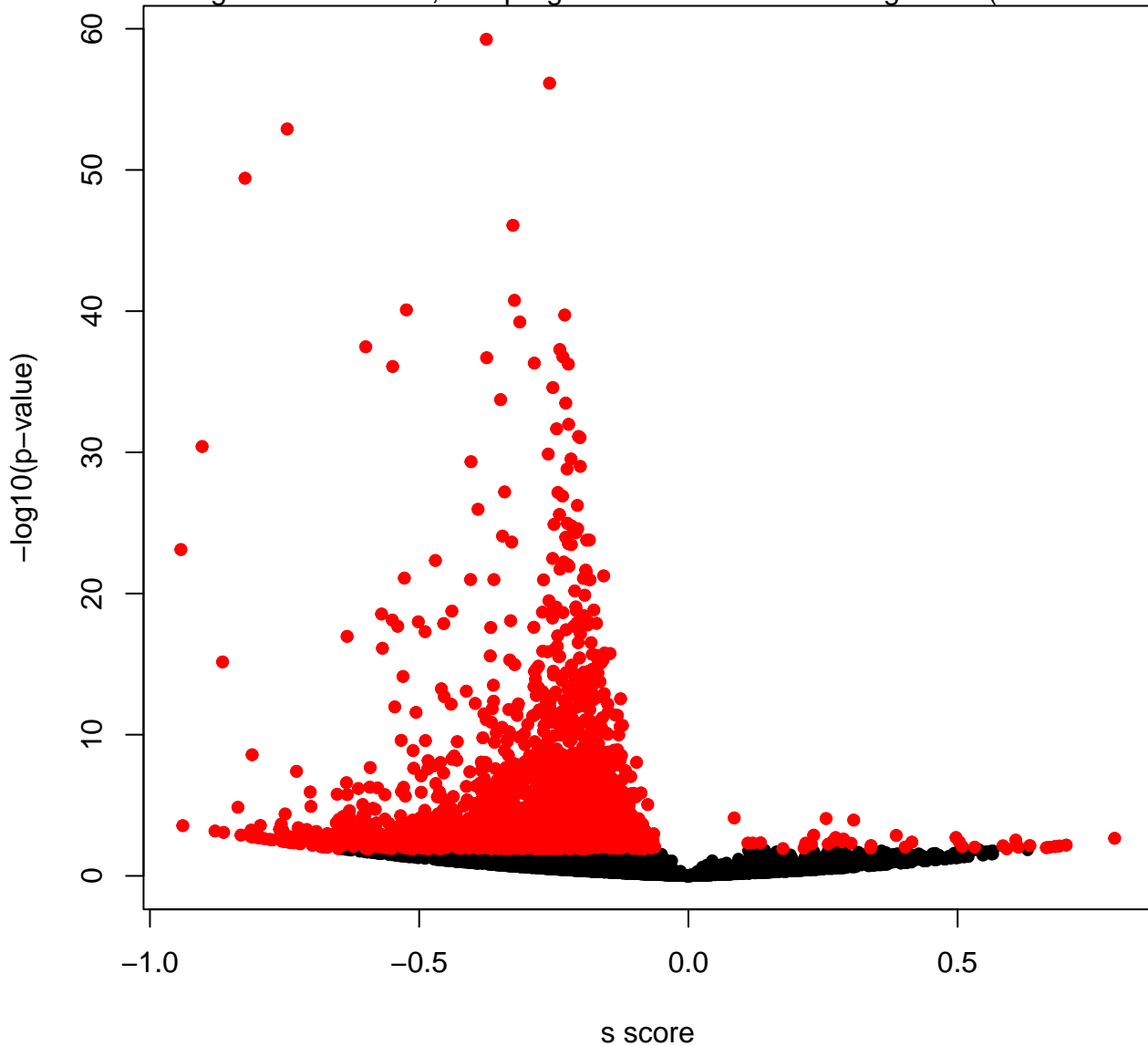


Trimmed histogram of geneset size



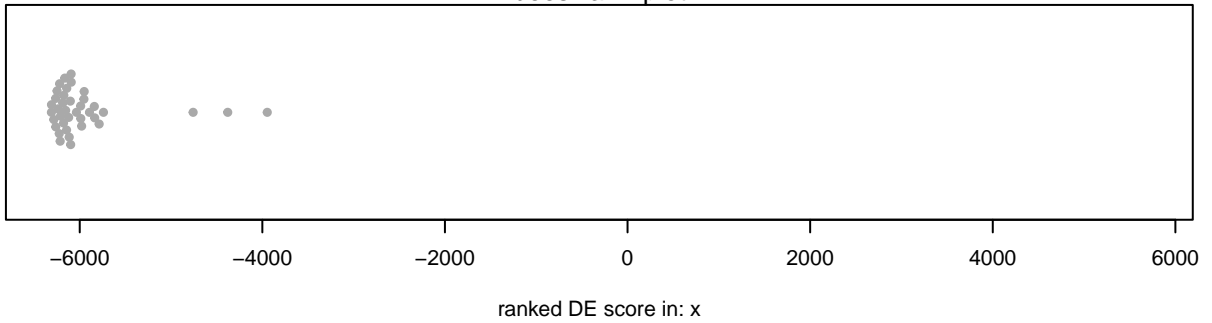
volcano plot of gene set enrichments

7886 gene sets in total, 37 upregulated and 1917 downregulated (FDR<=0.05)

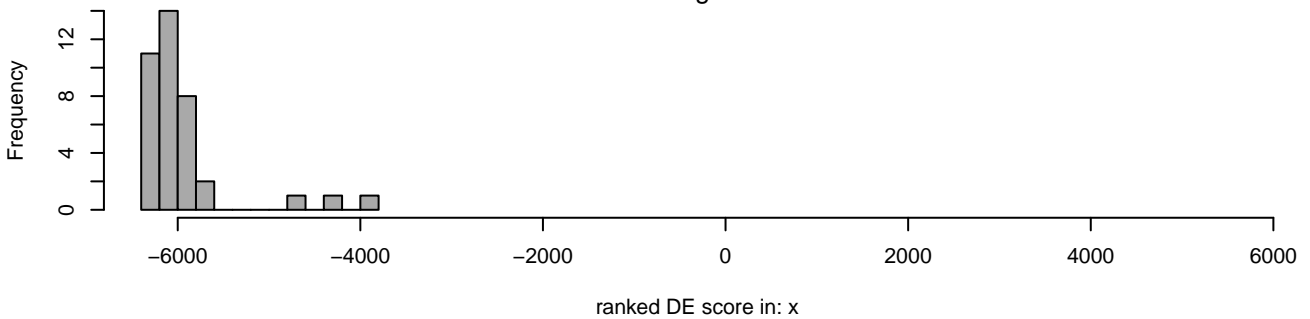


GOCC CYTOSOLIC SMALL RIBOSOMAL SUBUNIT

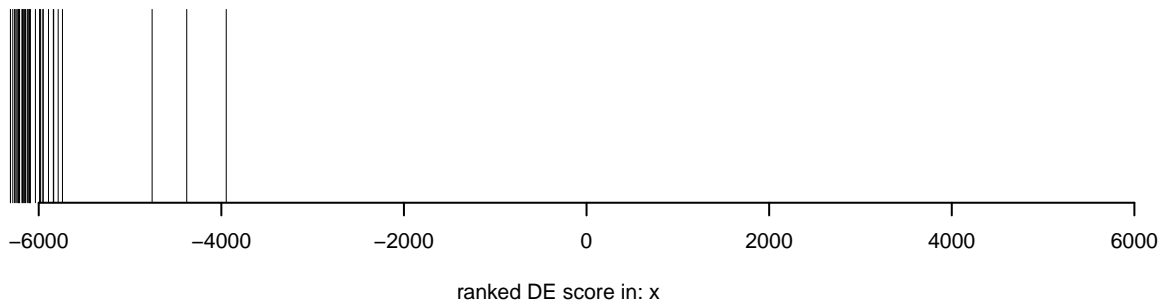
beeswarm plot



histogram

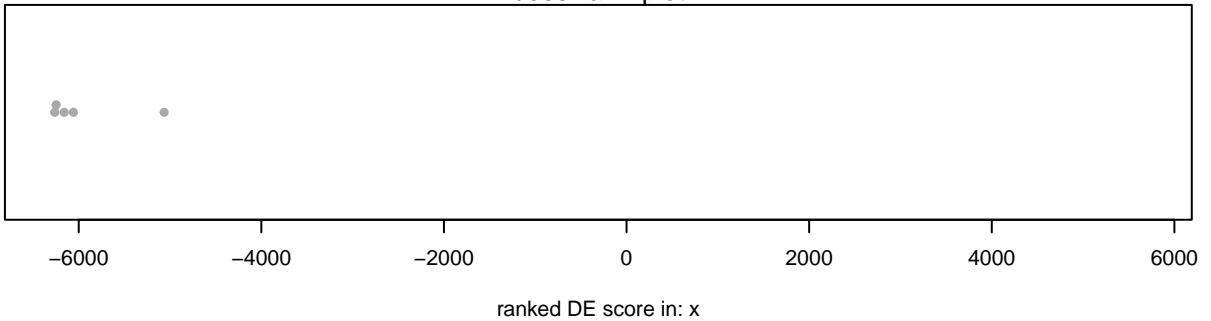


rugplot

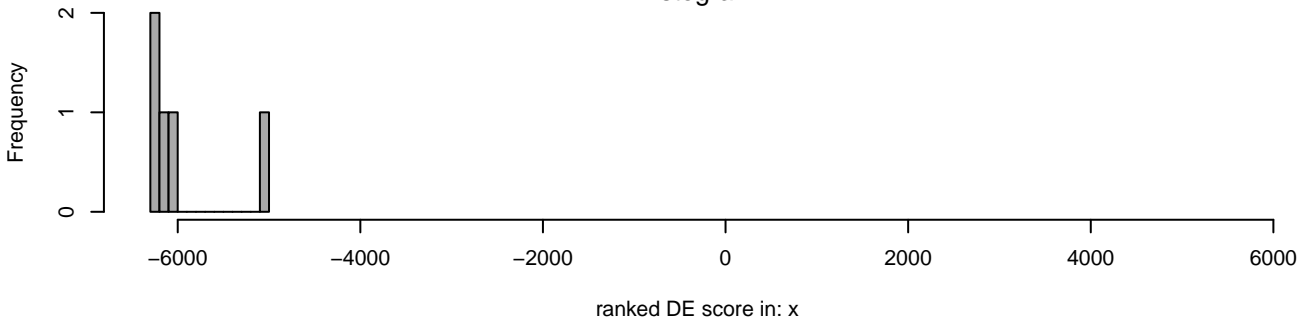


POSITIVE REGULATION OF INTRINSIC APOPTOTIC SIGNALING PATHWAY BY P53 CLASS

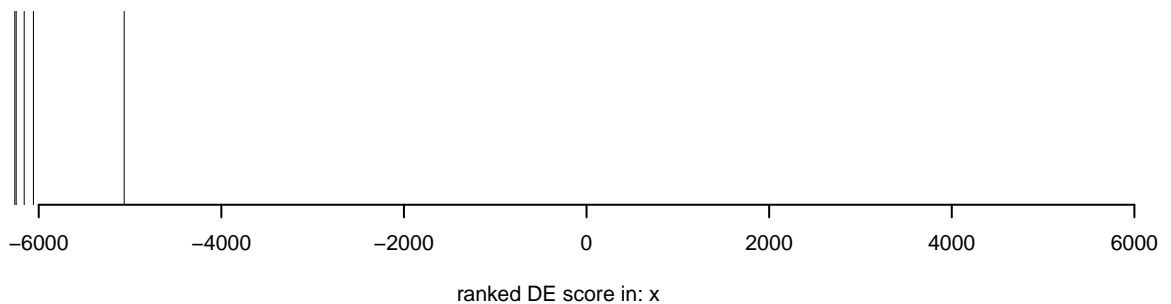
beeswarm plot



histogram

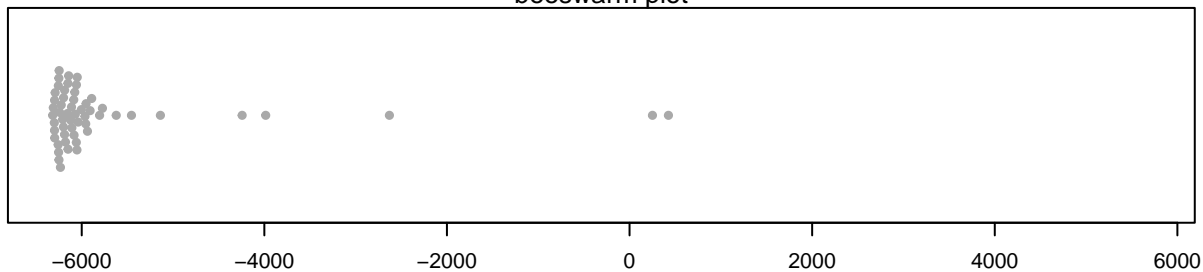


rugplot



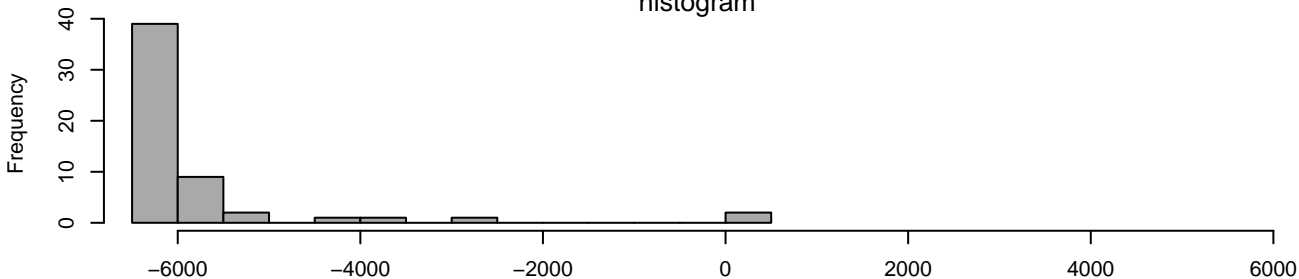
GOCC CYTOSOLIC LARGE RIBOSOMAL SUBUNIT

beeswarm plot



ranked DE score in: x

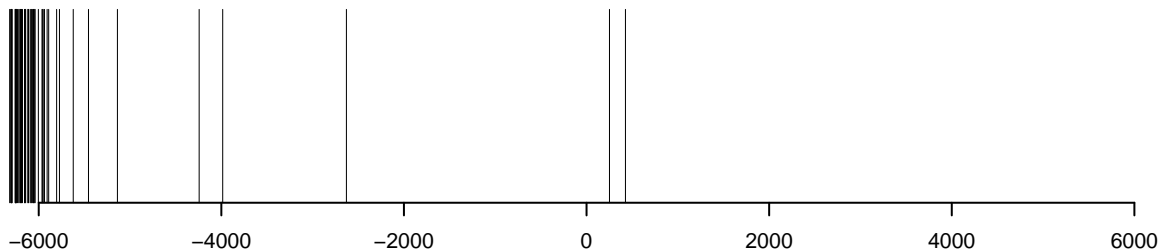
histogram



Frequency

ranked DE score in: x

rugplot



-6000

-4000

-2000

0

2000

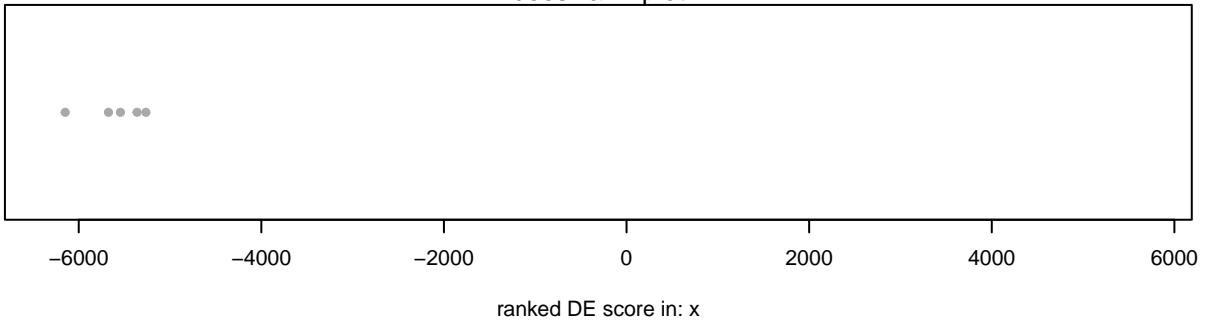
4000

6000

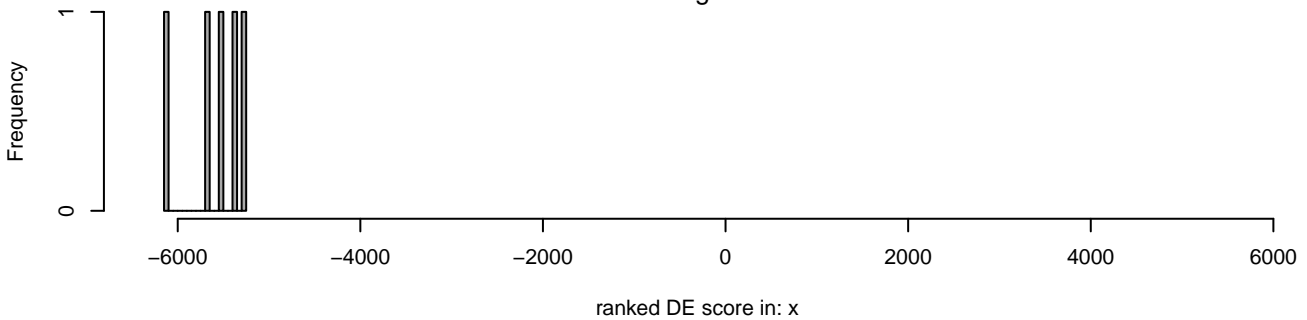
ranked DE score in: x

GOBP CALCIUM ION EXPORT ACROSS PLASMA MEMBRANE

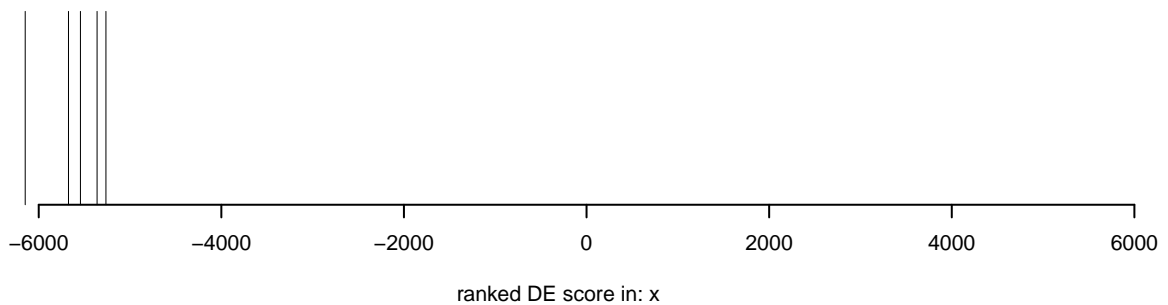
beeswarm plot



histogram

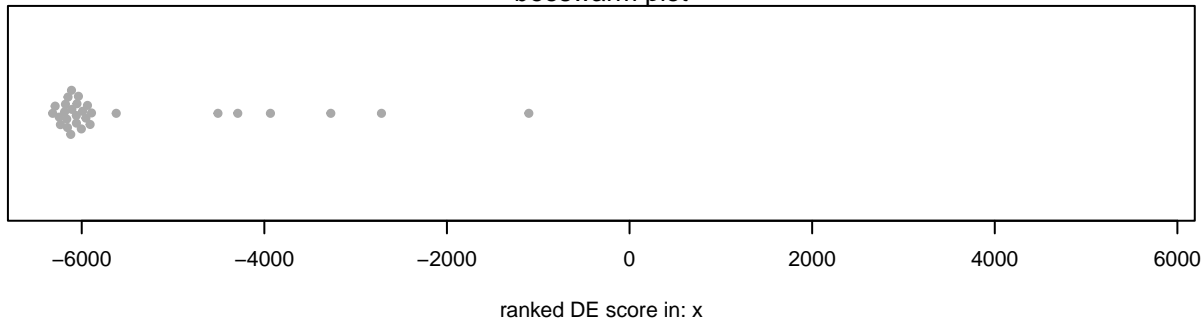


rugplot

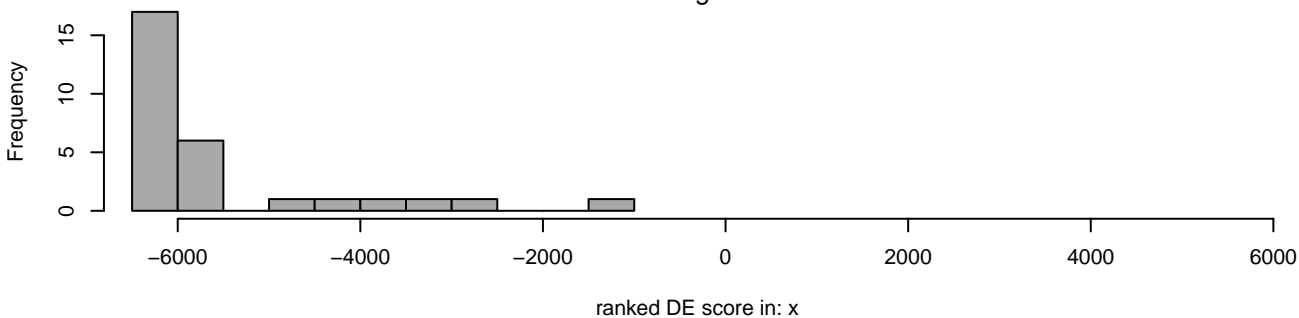


GOCC POLYSOMAL RIBOSOME

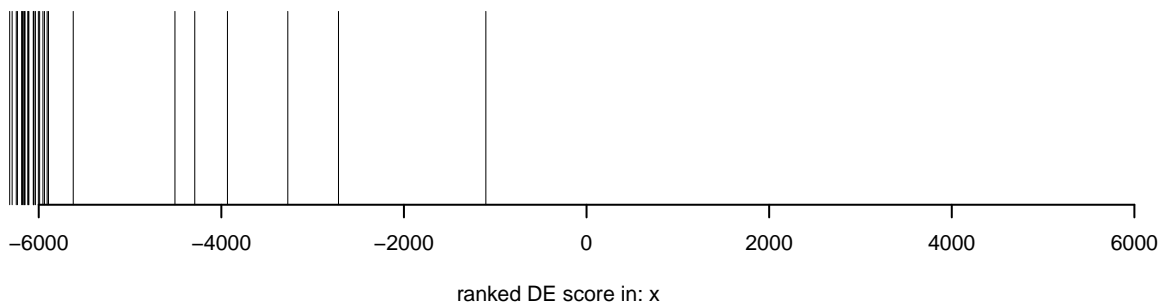
beeswarm plot



histogram

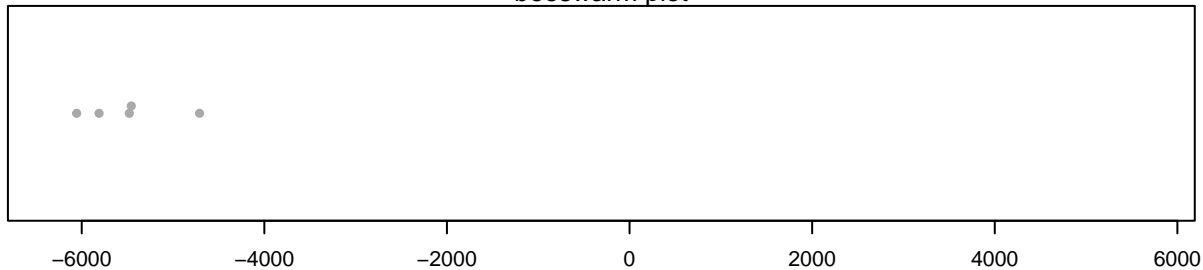


rugplot



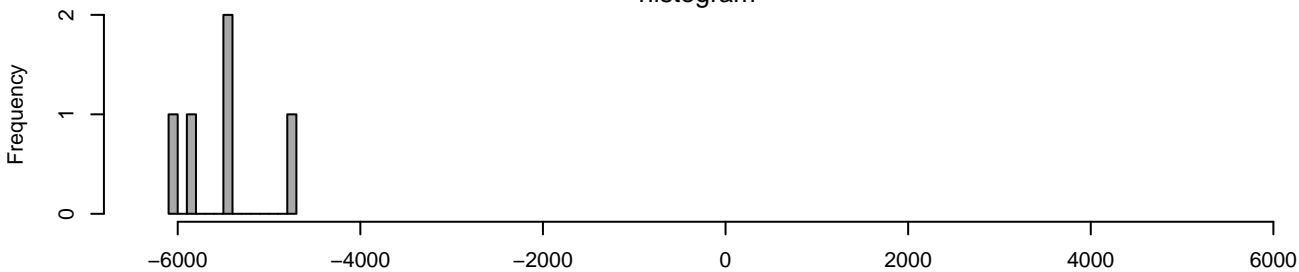
POSITIVE REGULATION OF OXIDATIVE STRESS INDUCED INTRINSIC APOPTOTIC SIGNALI

beeswarm plot



ranked DE score in: x

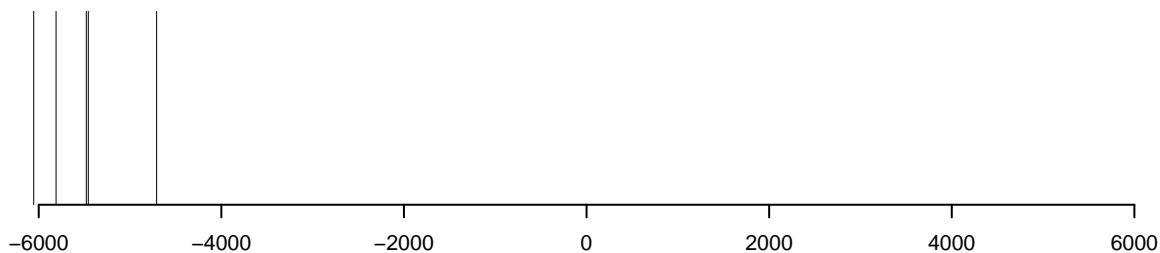
histogram



Frequency

ranked DE score in: x

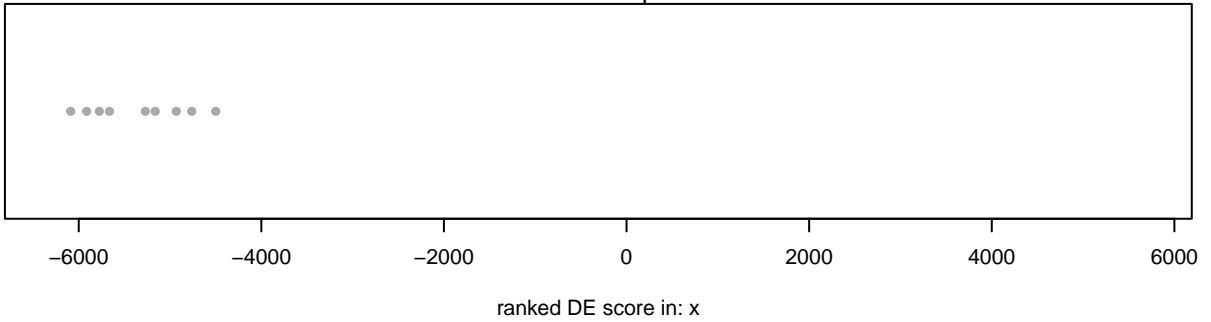
rugplot



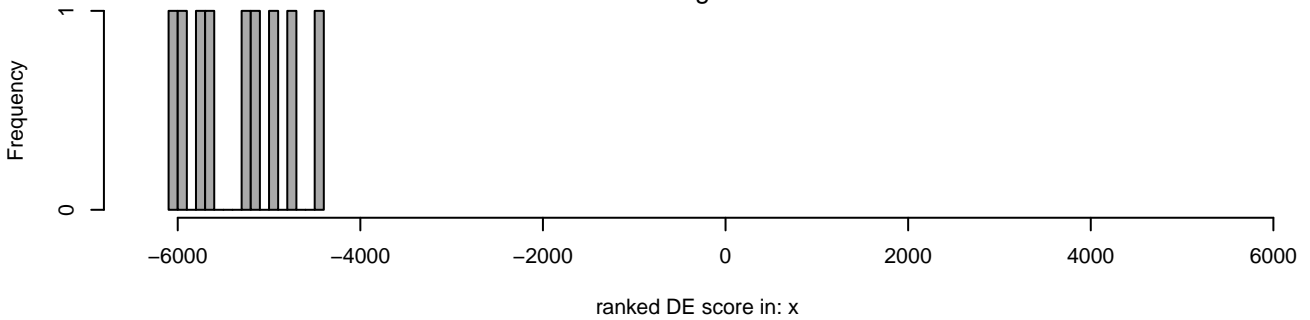
ranked DE score in: x

GOCC ARP2 3 PROTEIN COMPLEX

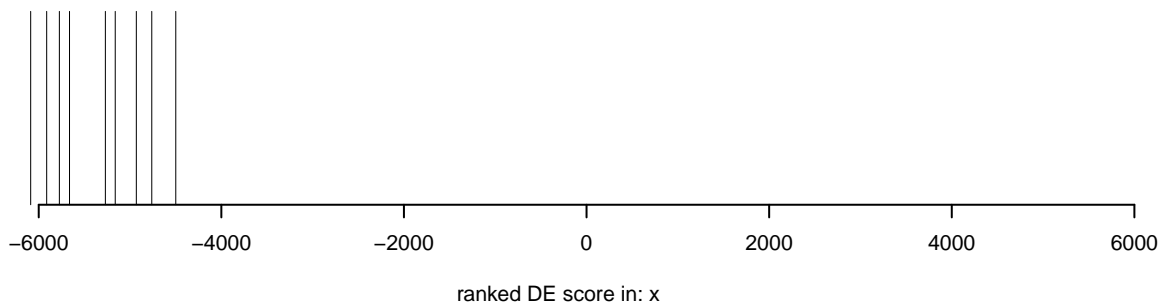
beeswarm plot



histogram

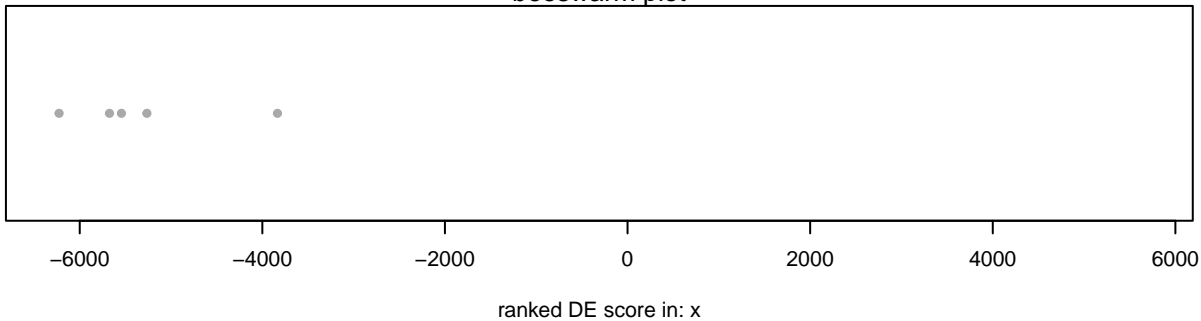


rugplot

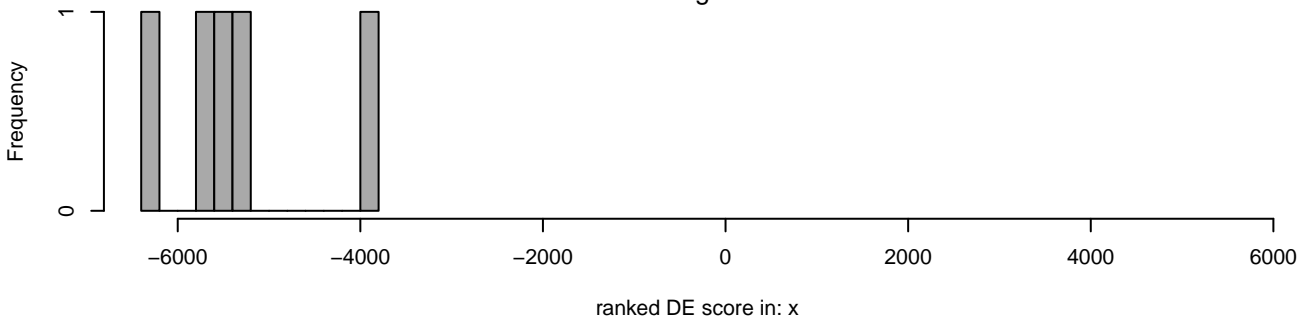


GOMF ADENYLATE CYCLASE REGULATOR ACTIVITY

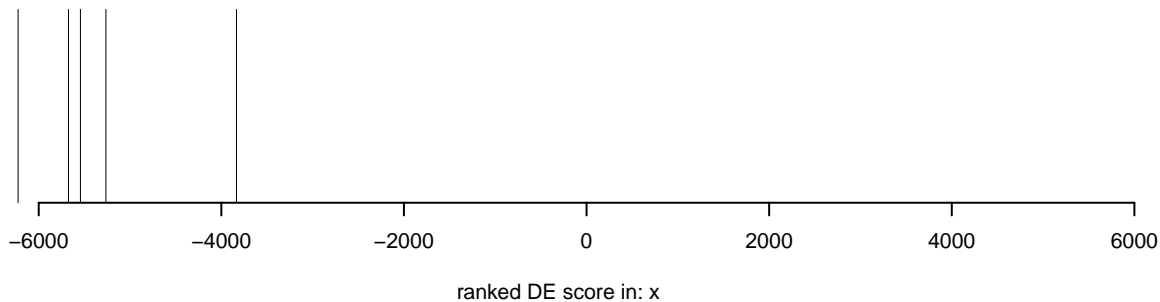
beeswarm plot



histogram

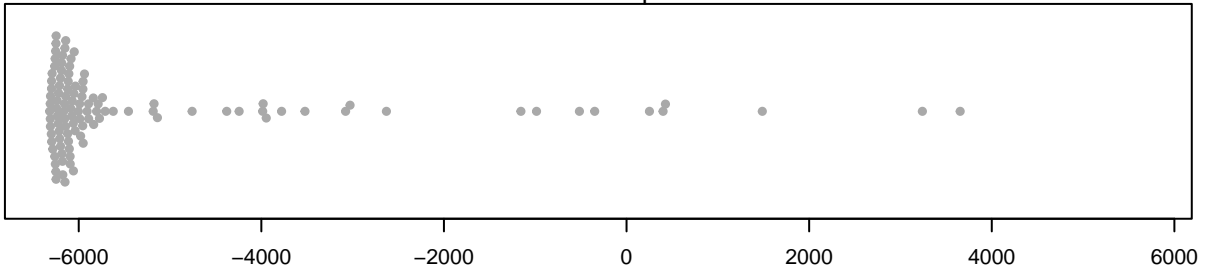


rugplot



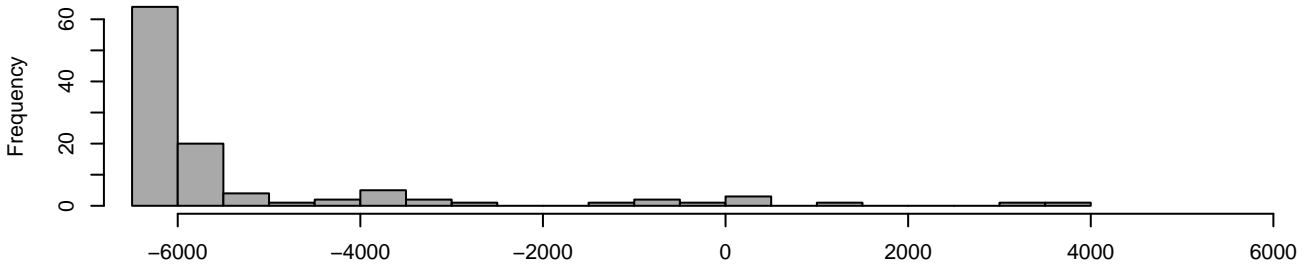
GOCC CYTOSOLIC RIBOSOME

beeswarm plot



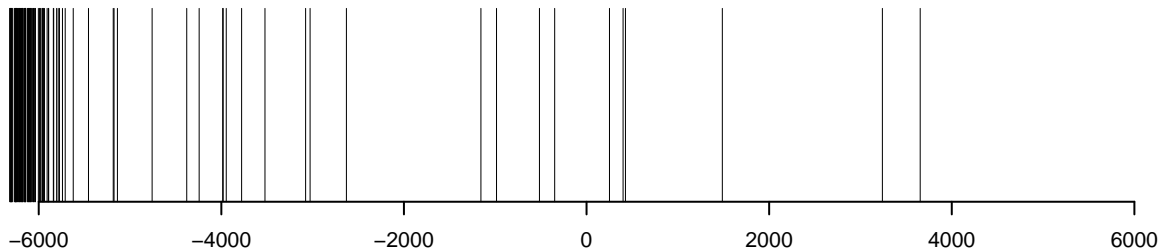
ranked DE score in: x

histogram



ranked DE score in: x

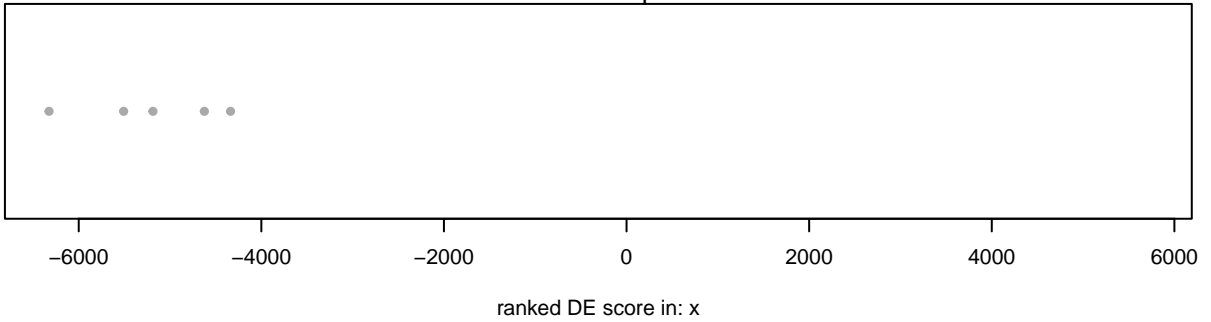
rugplot



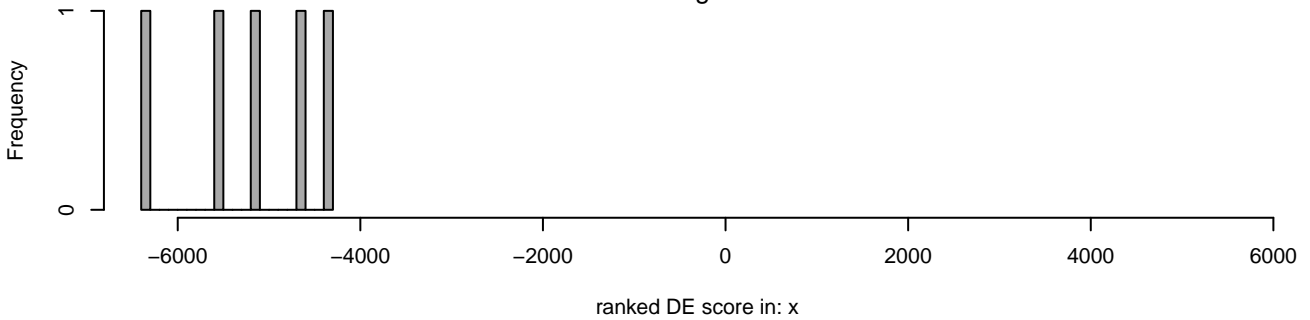
ranked DE score in: x

GOBP LYMPHOCYTE ENERGY

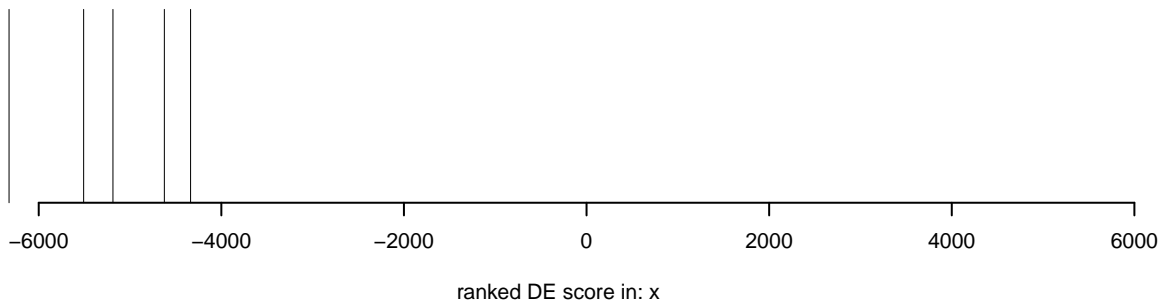
beeswarm plot



histogram

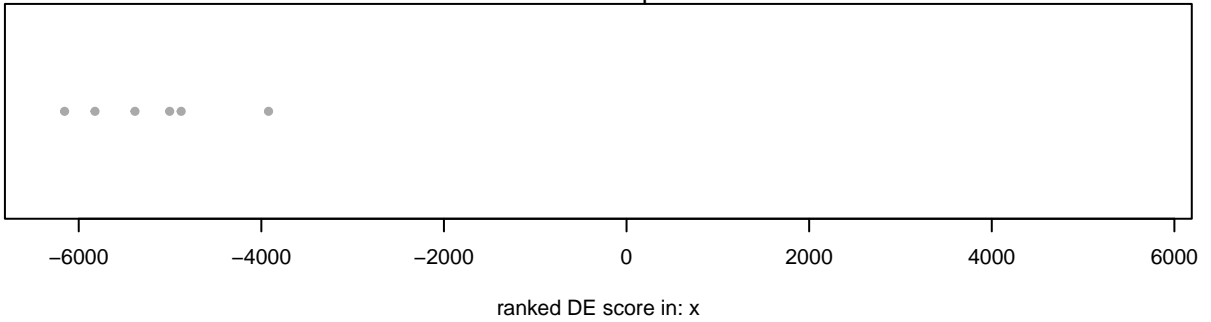


rugplot

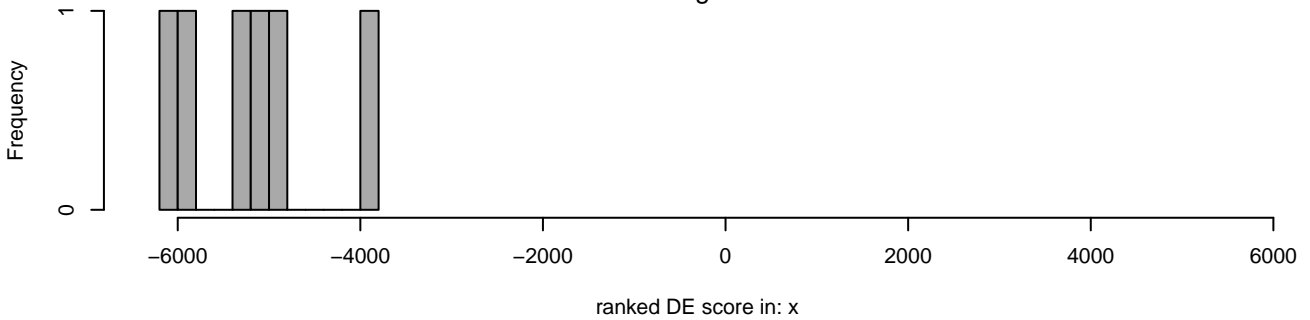


GOMF TPR DOMAIN BINDING

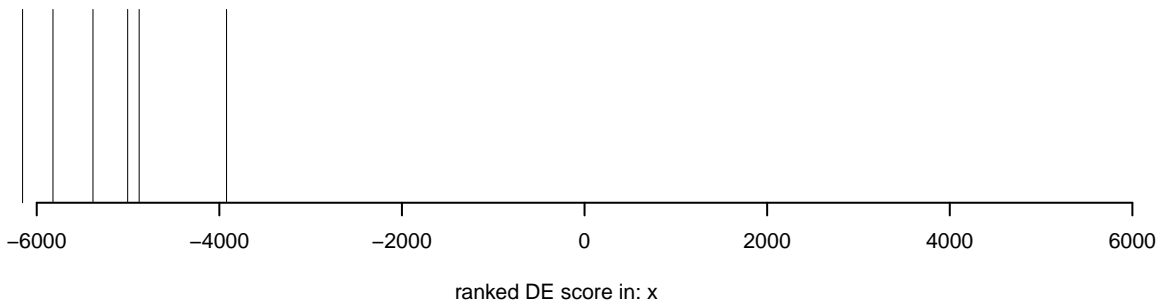
beeswarm plot



histogram

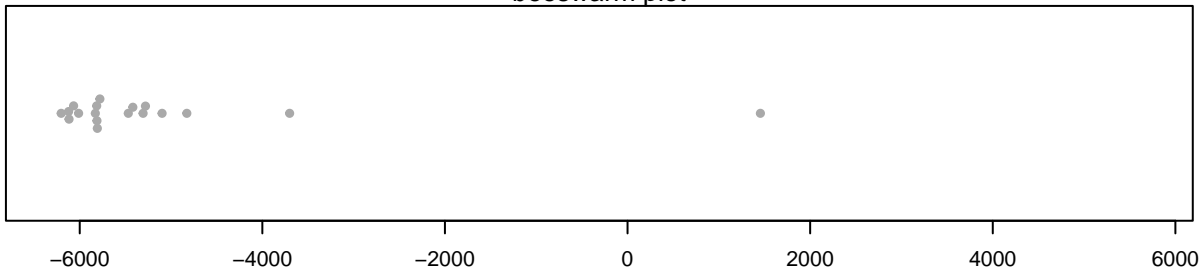


rugplot



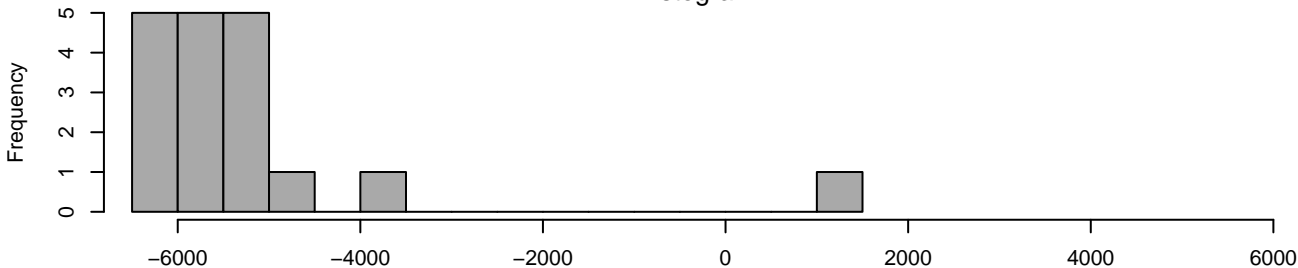
GOBP MITOCHONDRIAL ELECTRON TRANSPORT CYTOCHROME C TO OXYGEN

beeswarm plot



ranked DE score in: x

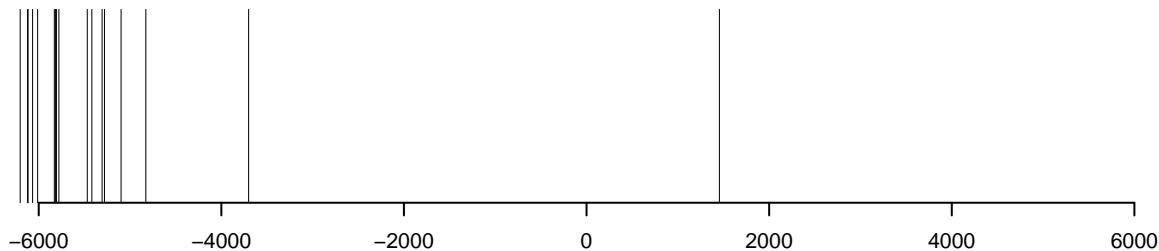
histogram



Frequency

ranked DE score in: x

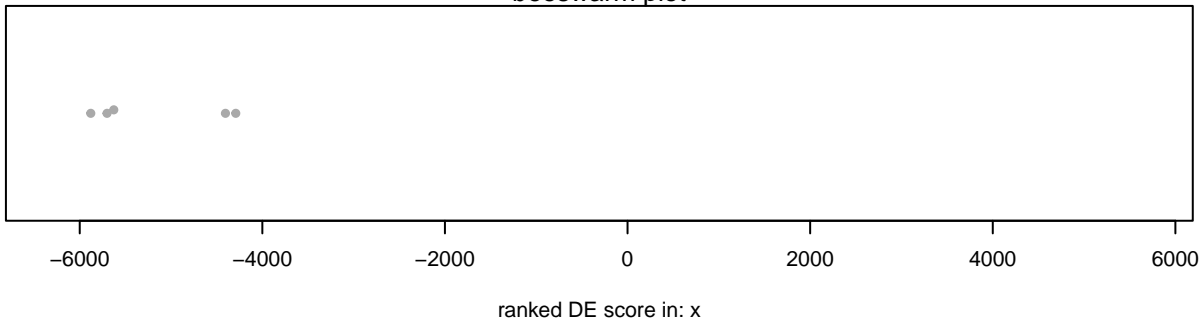
rugplot



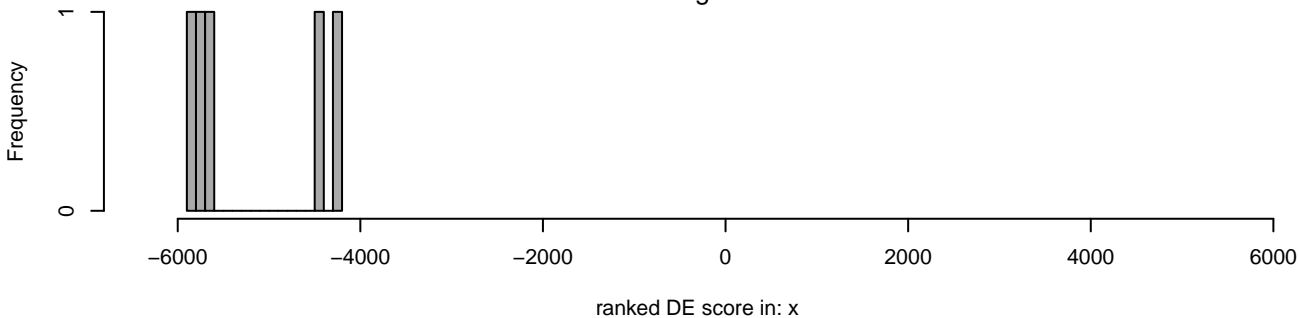
ranked DE score in: x

GOCC CRD MEDIATED MRNA STABILITY COMPLEX

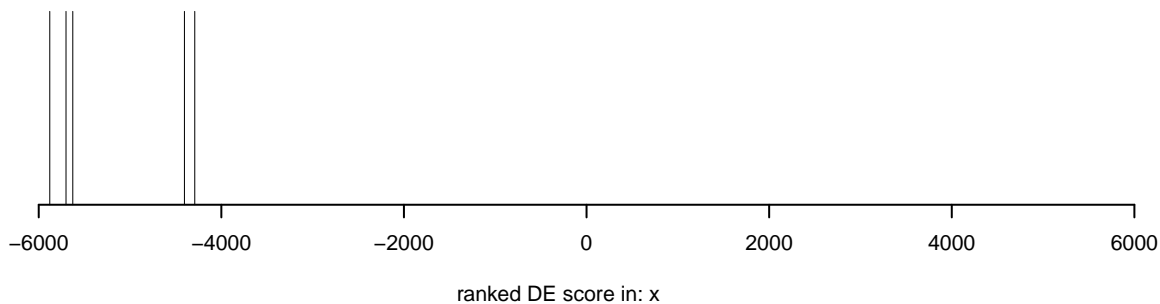
beeswarm plot



histogram

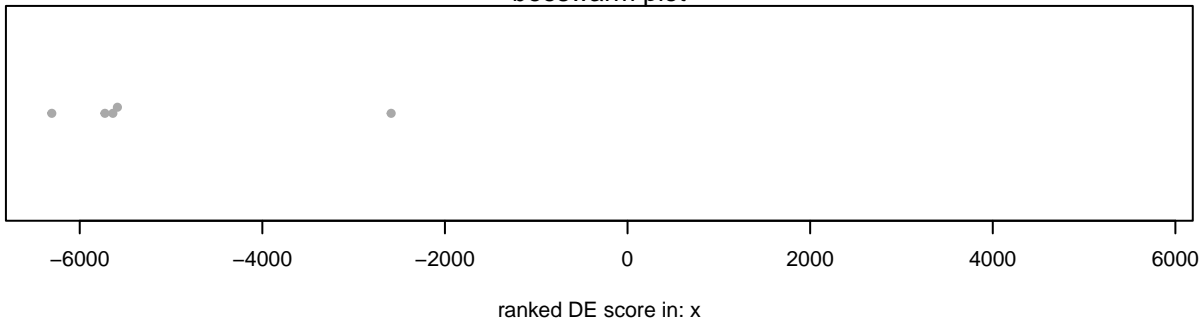


rugplot

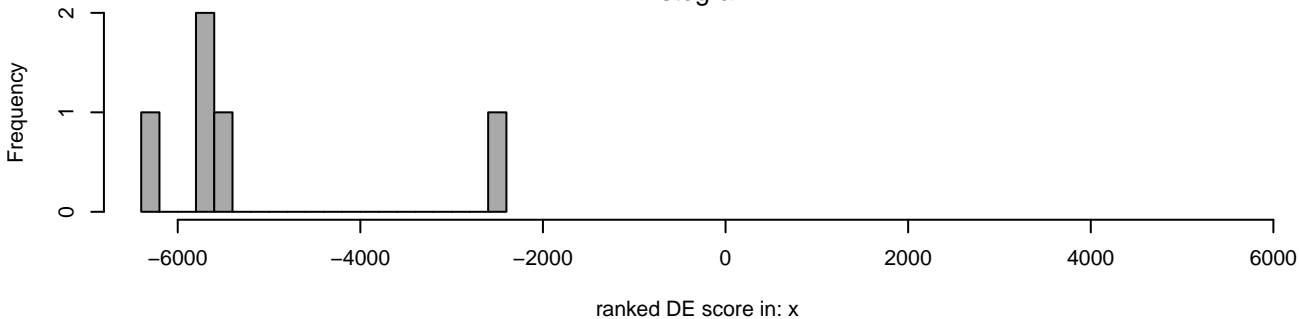


GOBP NEGATIVE REGULATION OF FIBROBLAST MIGRATION

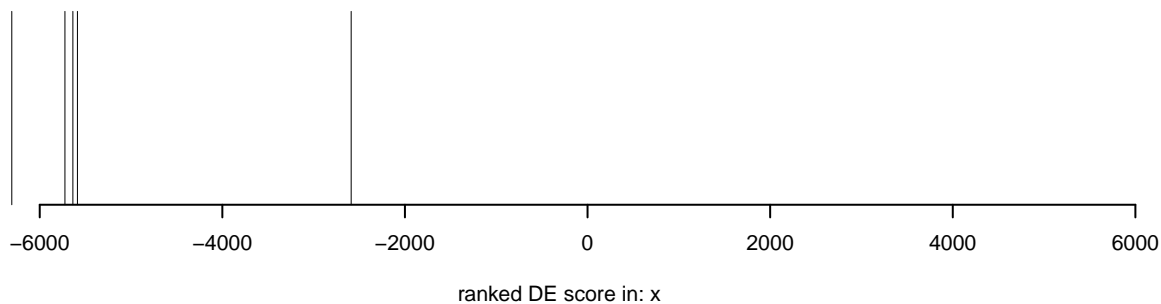
beeswarm plot



histogram

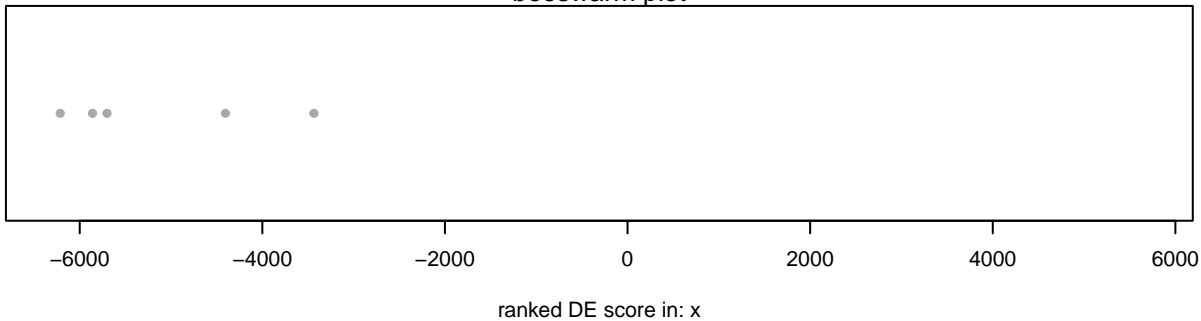


rugplot

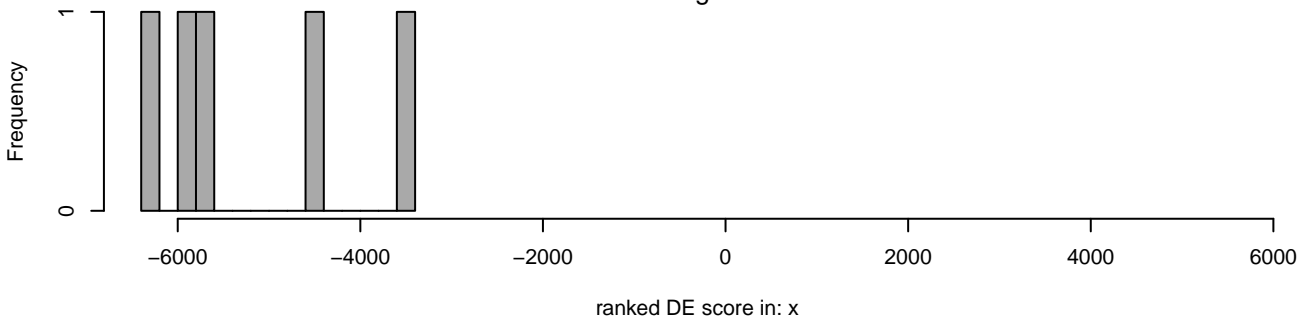


GOCC MCRD MEDIATED MRNA STABILITY COMPLEX

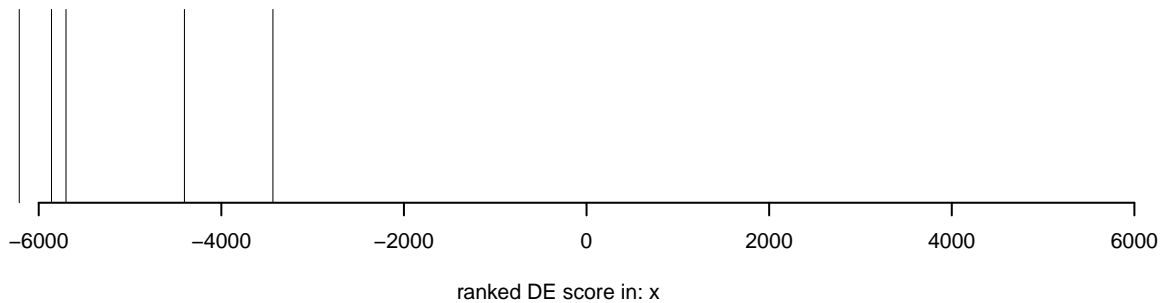
beeswarm plot



histogram

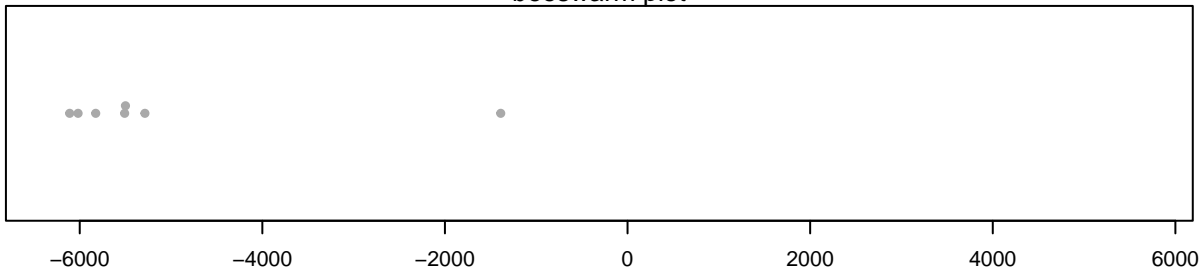


rugplot



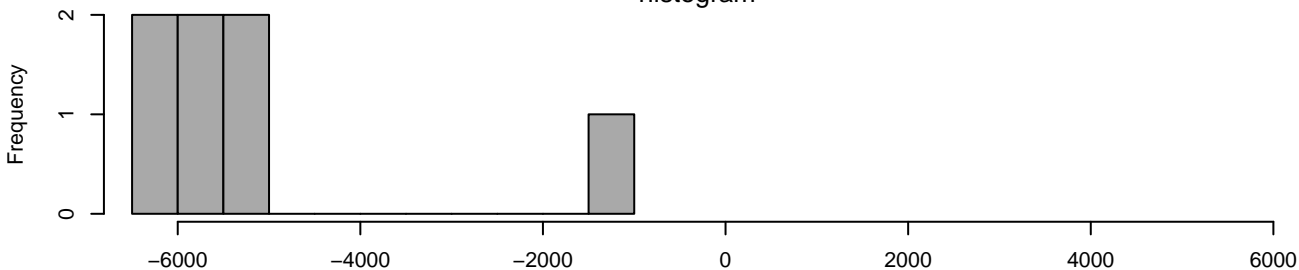
GOCC MHC CLASS I PROTEIN COMPLEX

beeswarm plot



ranked DE score in: x

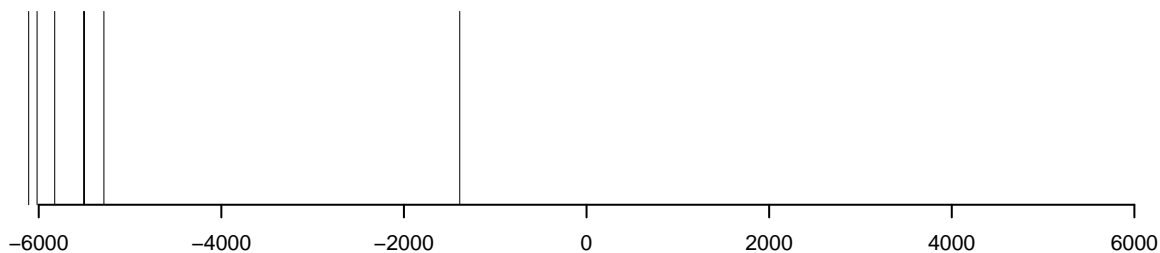
histogram



Frequency

ranked DE score in: x

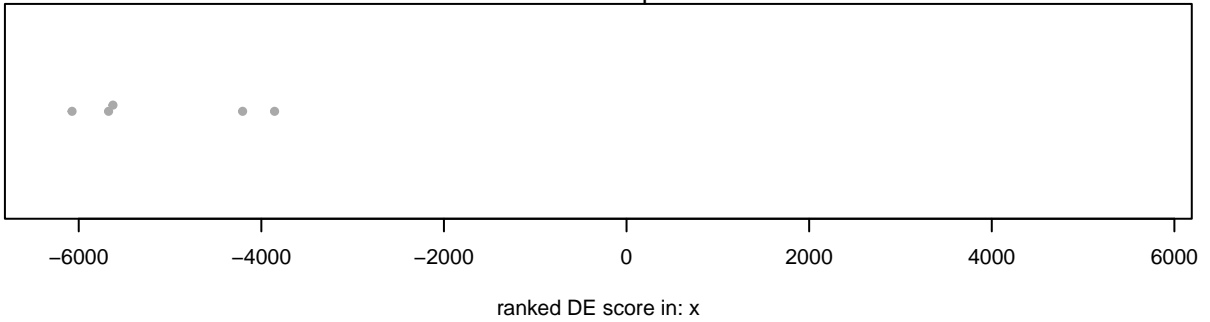
rugplot



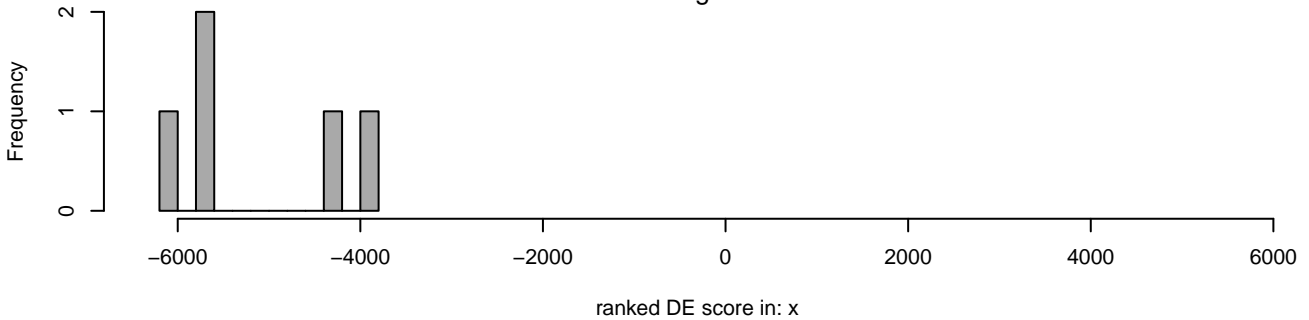
ranked DE score in: x

GOBP CELL SUBSTRATE JUNCTION DISASSEMBLY

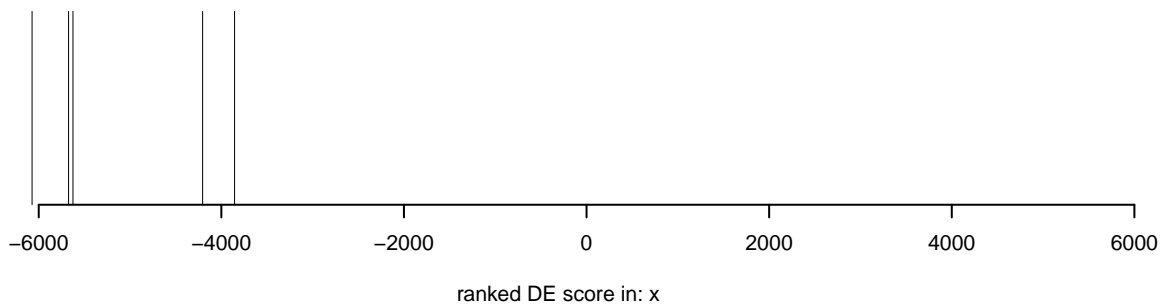
beeswarm plot



histogram

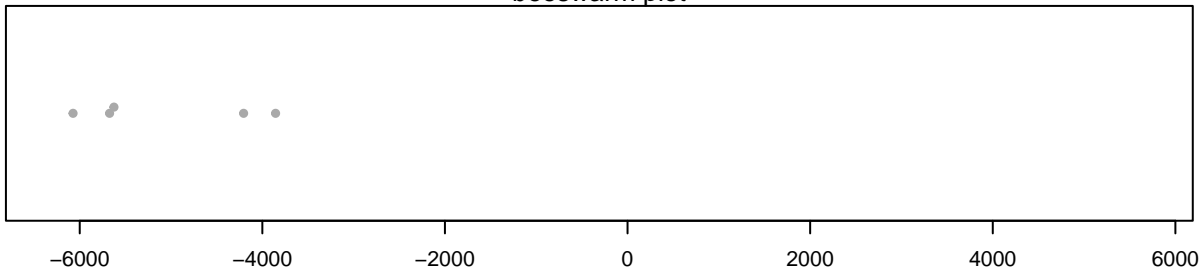


rugplot



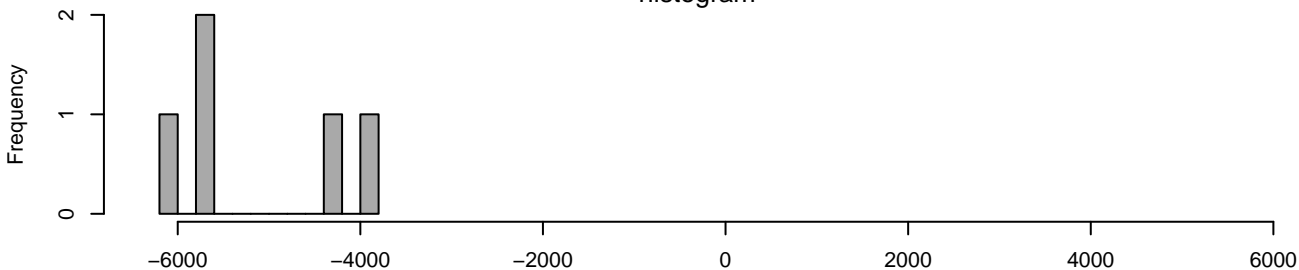
GOBP REGULATION OF FOCAL ADHESION DISASSEMBLY

beeswarm plot



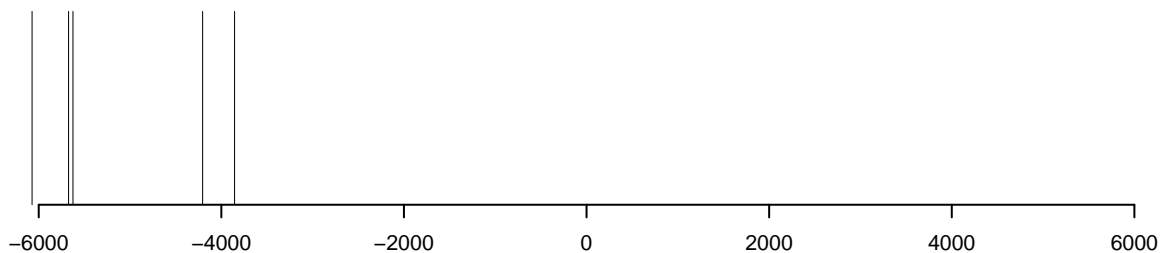
ranked DE score in: x

histogram



ranked DE score in: x

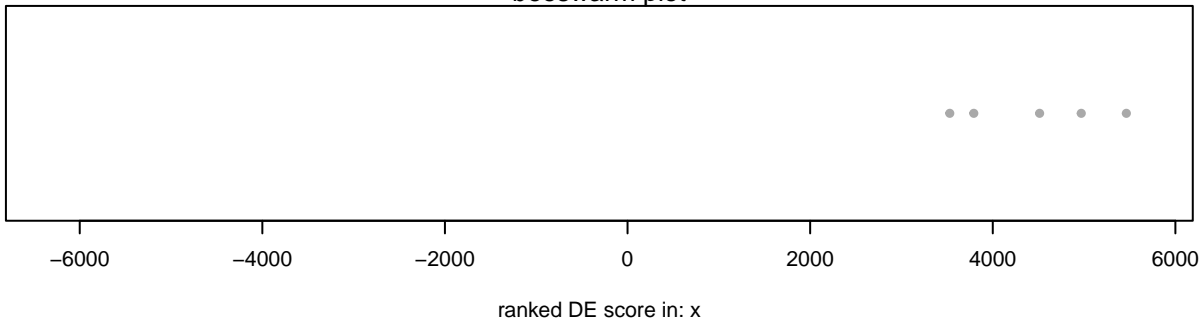
rugplot



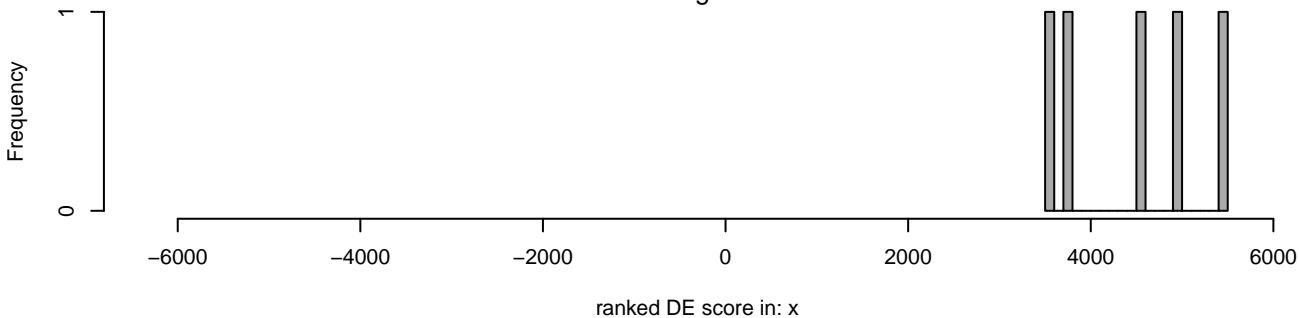
ranked DE score in: x

GOBP NEURON CELL CELL ADHESION

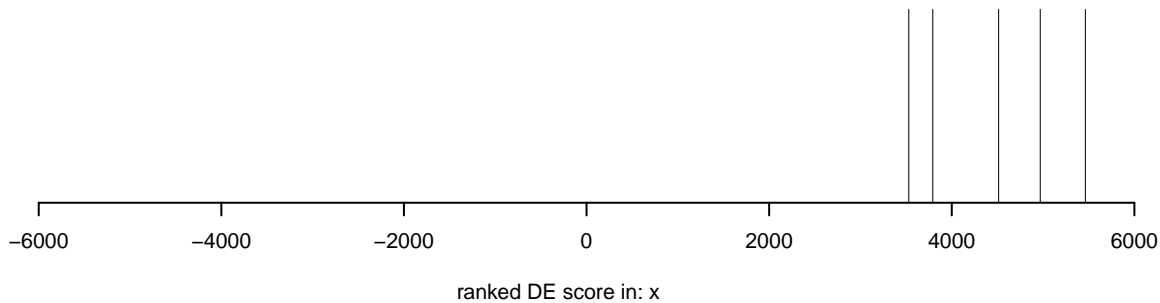
beeswarm plot



histogram

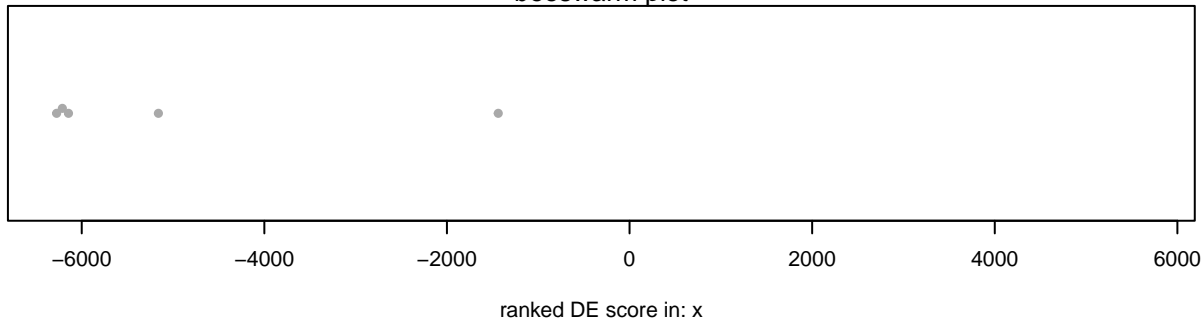


rugplot

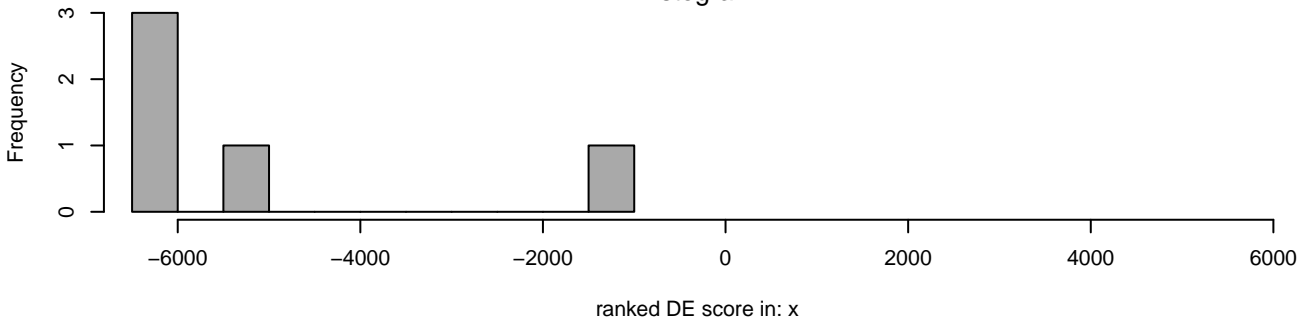


GOBP REGULATION OF NATURAL KILLER CELL CHEMOTAXIS

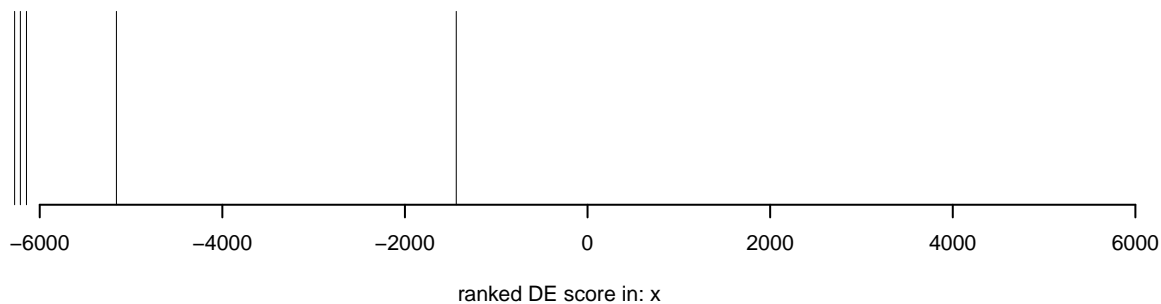
beeswarm plot



histogram

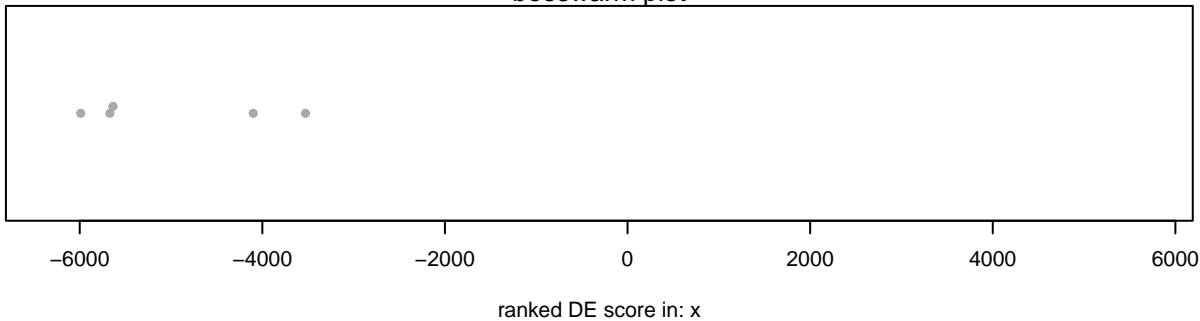


rugplot

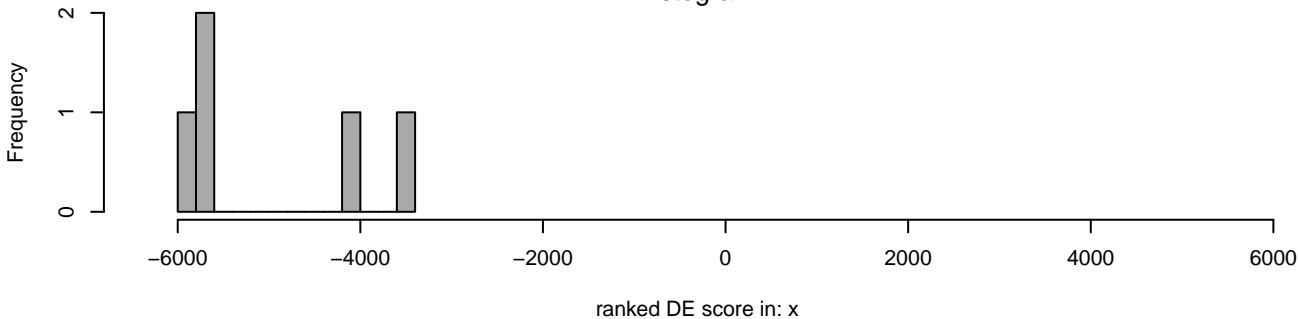


GOCC TRANSCRIPTION FACTOR AP 1 COMPLEX

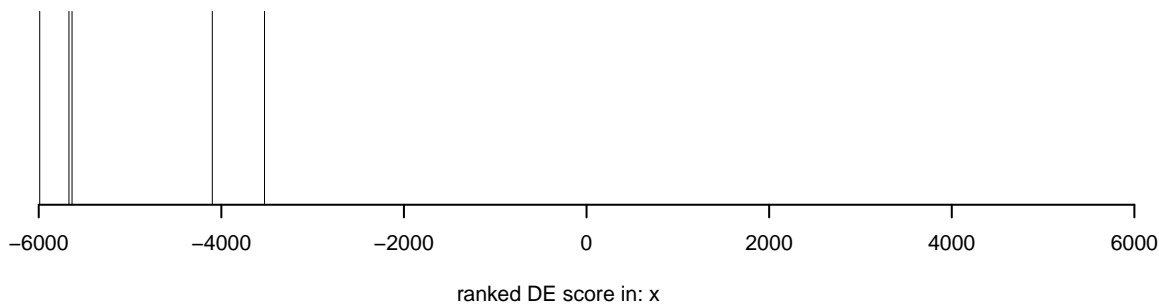
beeswarm plot



histogram

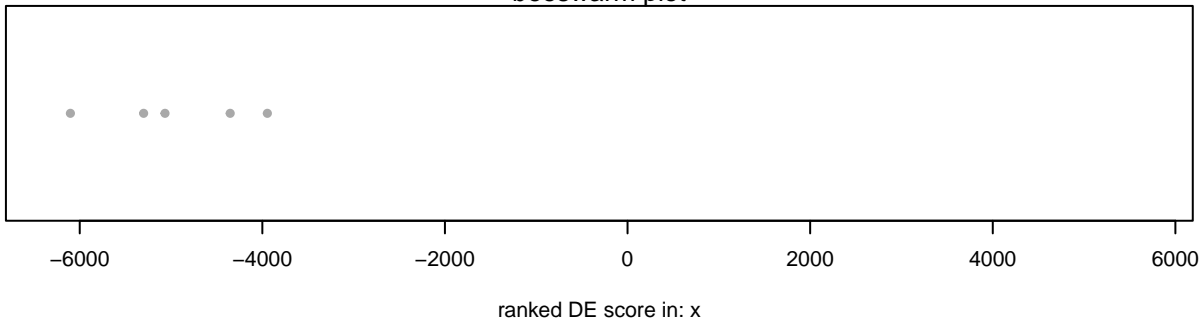


rugplot

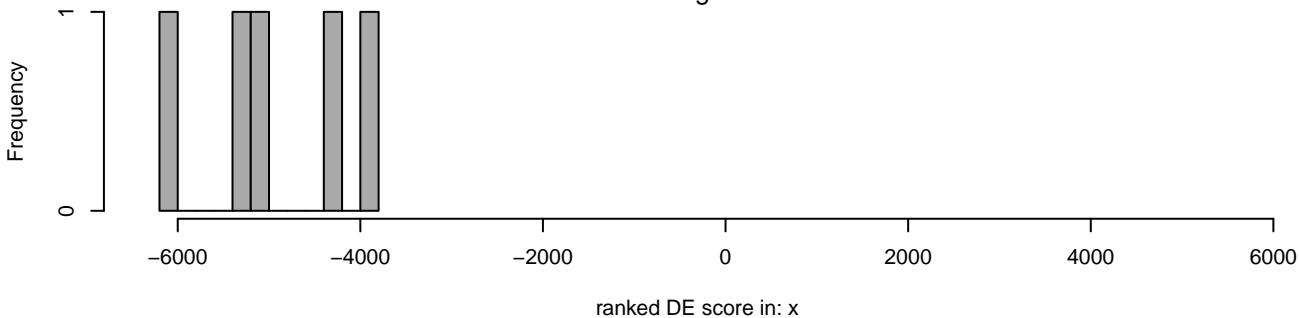


GOBP REGULATION OF METALLOENDOPEPTIDASE ACTIVITY

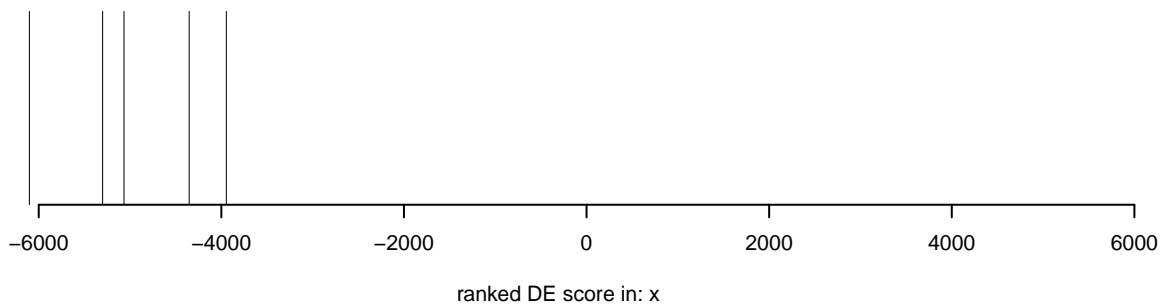
beeswarm plot



histogram

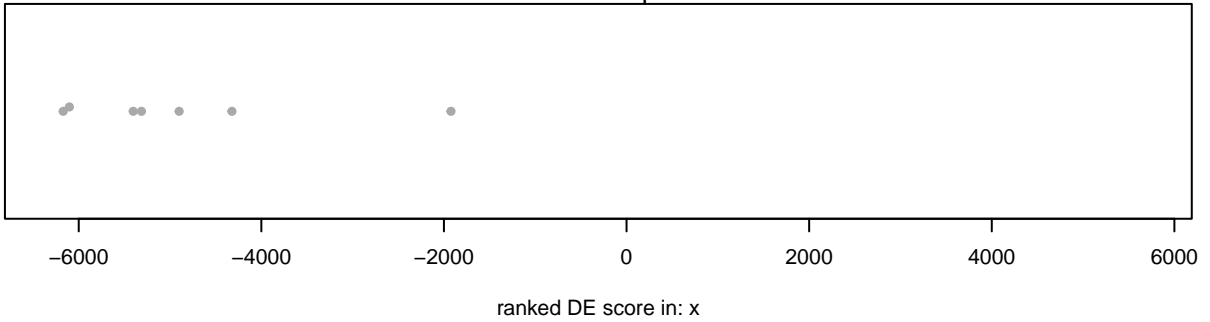


rugplot

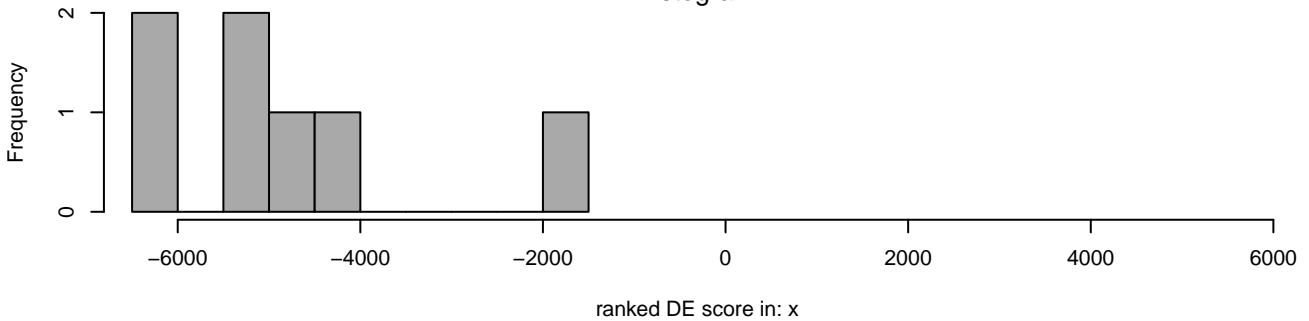


GOBP INTERLEUKIN 2 MEDIATED SIGNALING PATHWAY

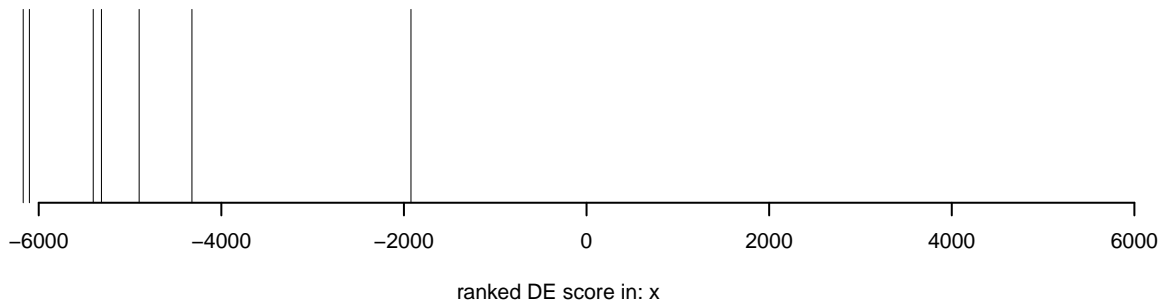
beeswarm plot



histogram

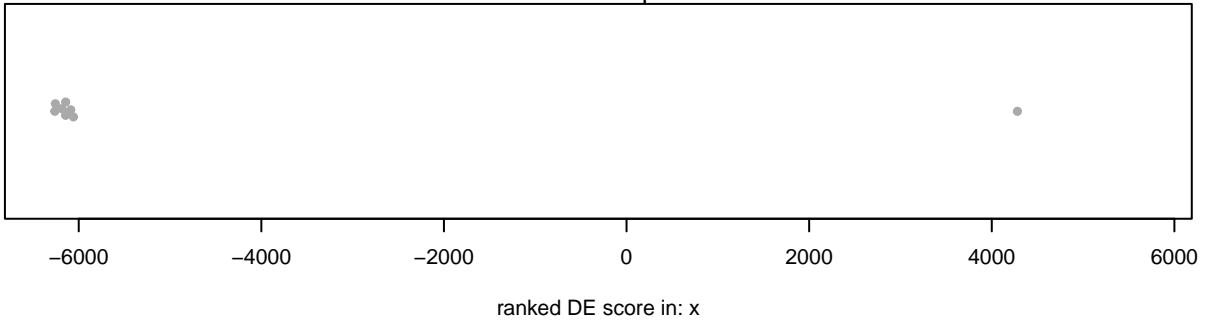


rugplot

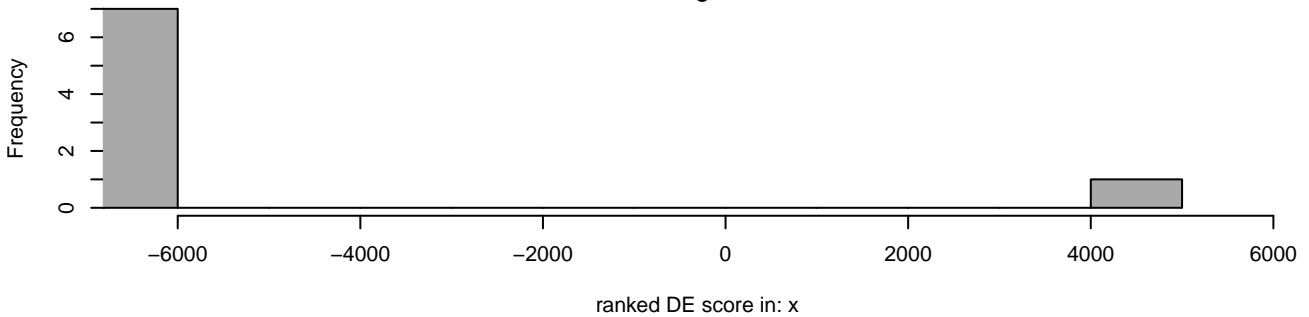


GOMF UBIQUITIN LIGASE INHIBITOR ACTIVITY

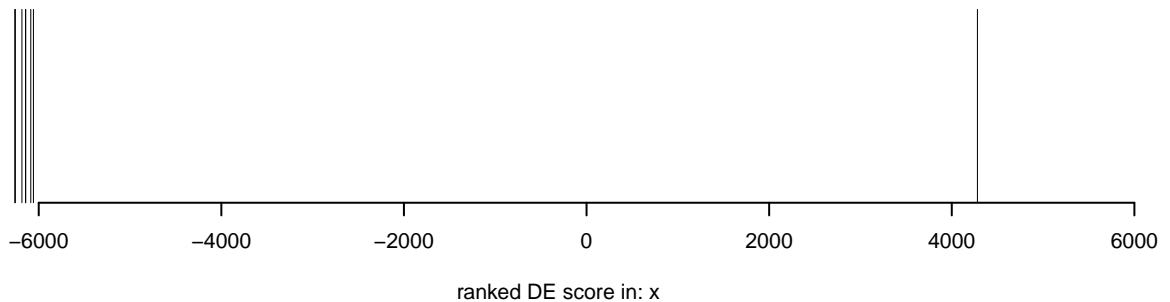
beeswarm plot



histogram

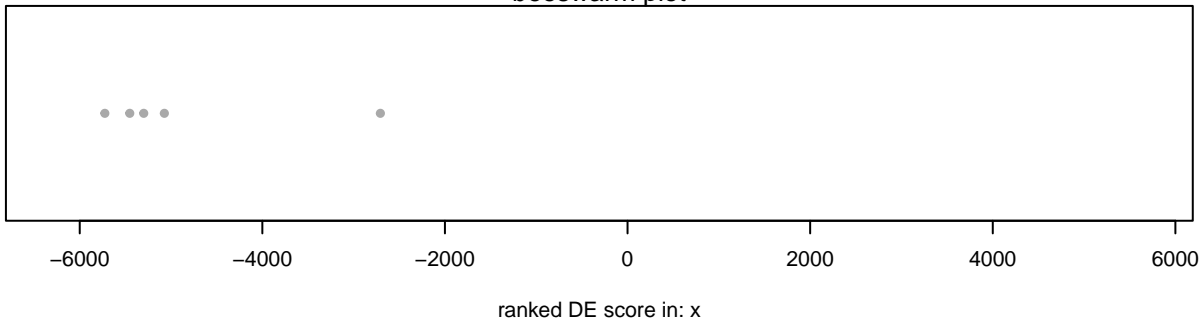


rugplot

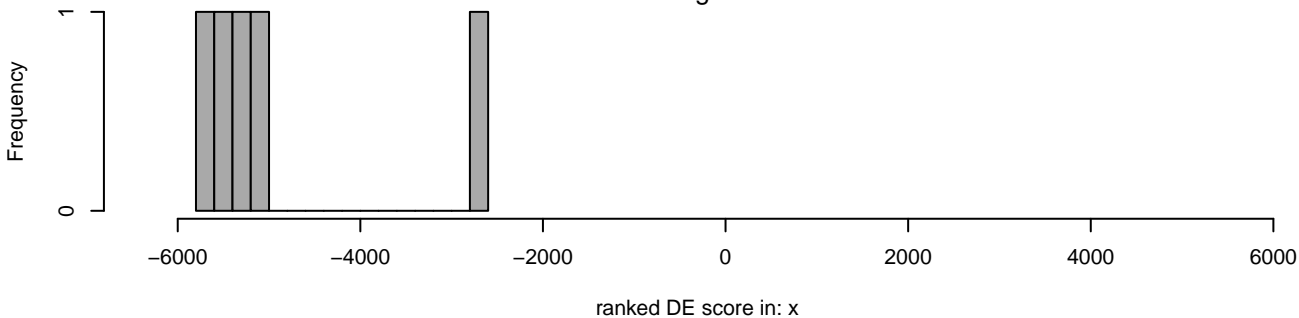


GOCC SIGNAL PEPTIDASE COMPLEX

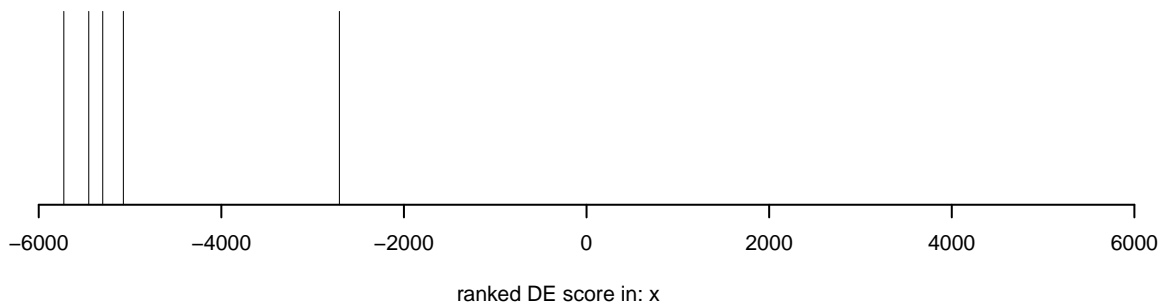
beeswarm plot



histogram

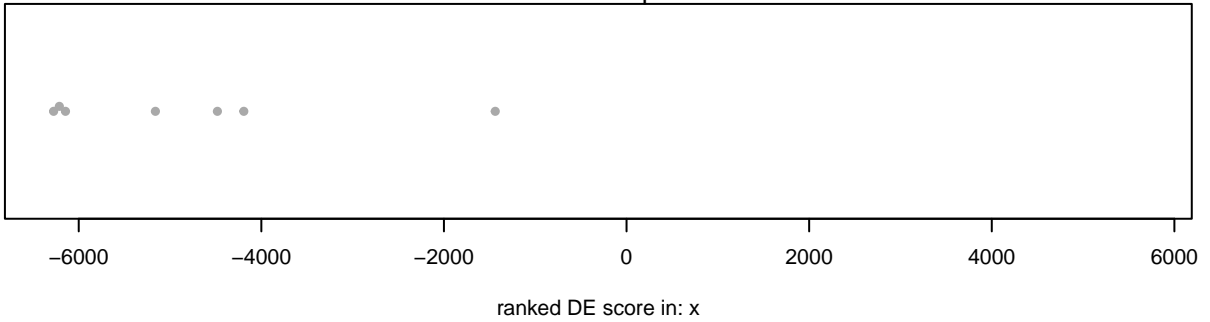


rugplot

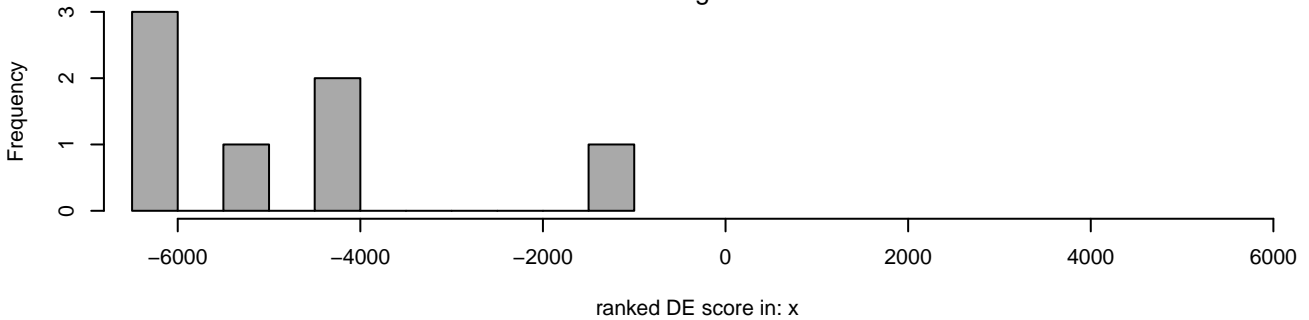


GOBP NATURAL KILLER CELL CHEMOTAXIS

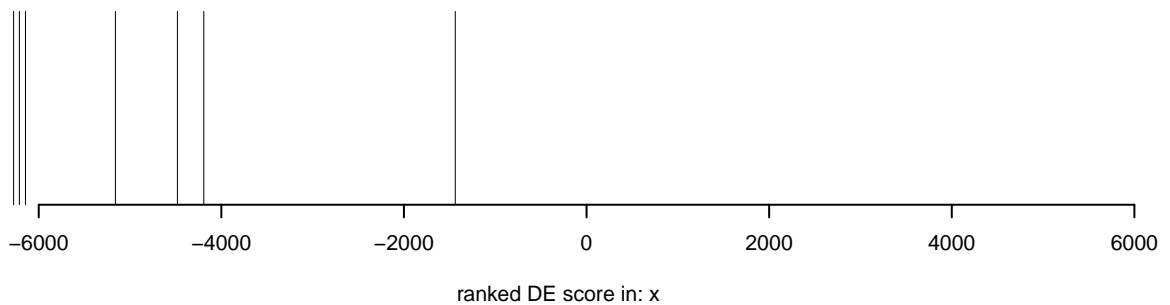
beeswarm plot



histogram

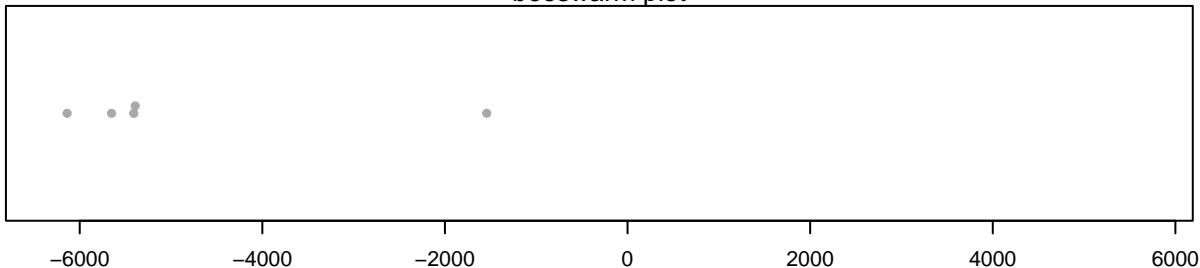


rugplot



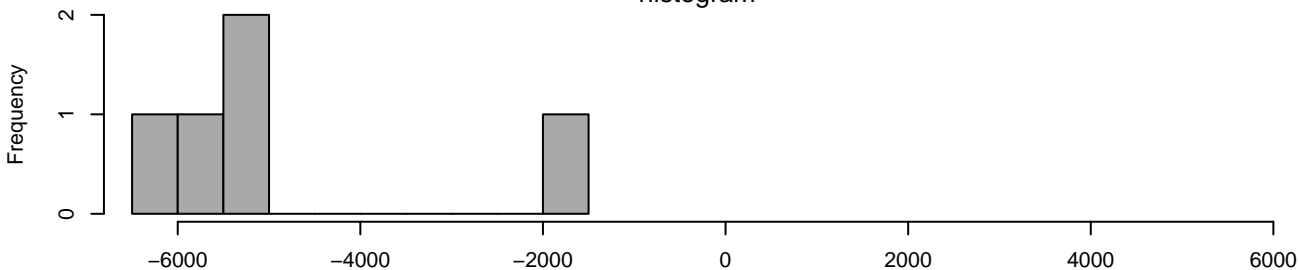
GOBP POSITIVE REGULATION OF PROTEIN DEUBIQUITINATION

beeswarm plot



ranked DE score in: x

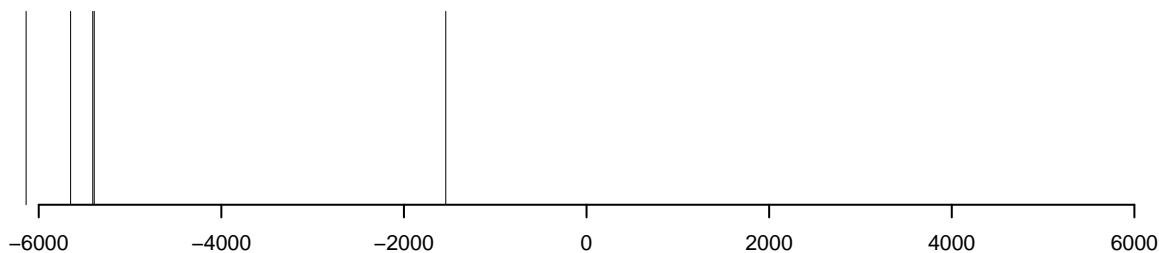
histogram



Frequency

ranked DE score in: x

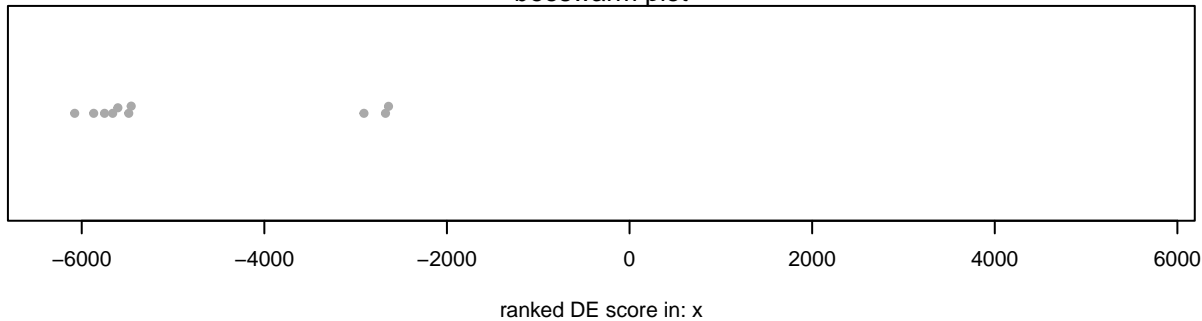
rugplot



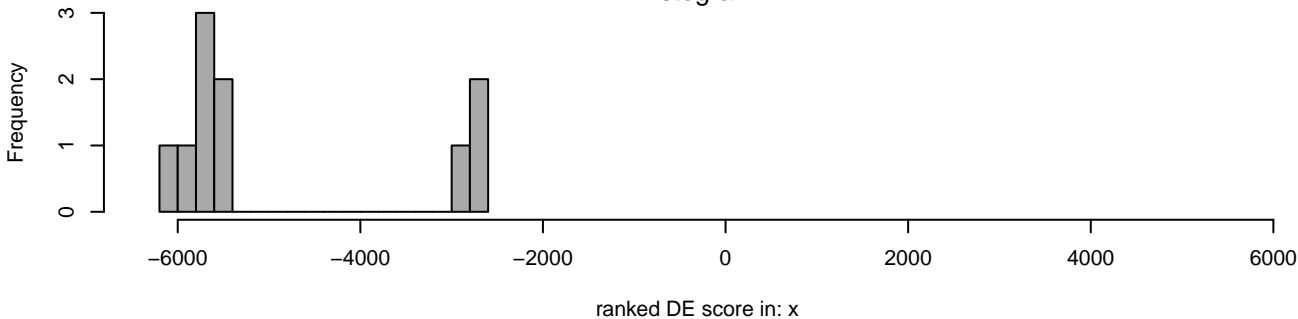
ranked DE score in: x

MITOCHONDRIAL PROTON TRANSPORTING ATP SYNTHASE COMPLEX COUPLING FACTOR

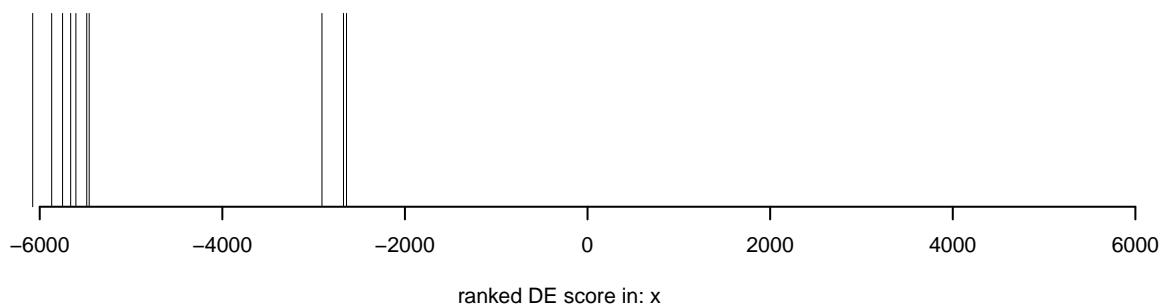
beeswarm plot



histogram

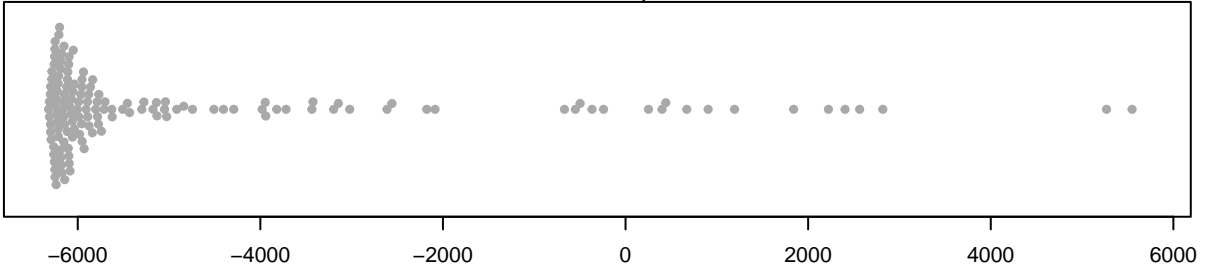


rugplot



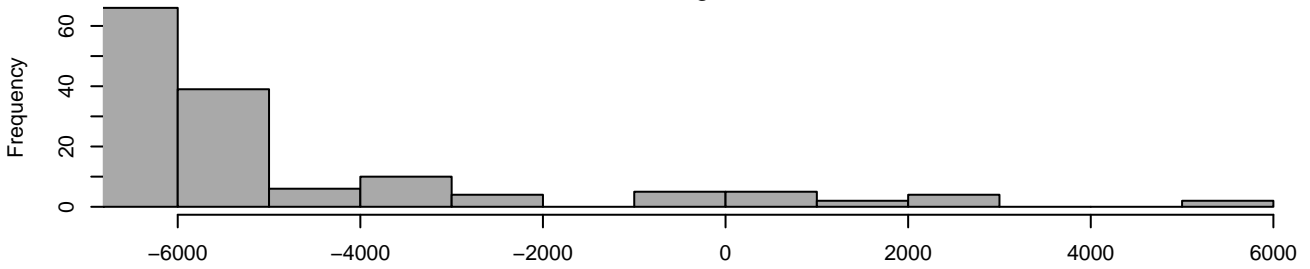
GOBP CYTOPLASMIC TRANSLATION

beeswarm plot



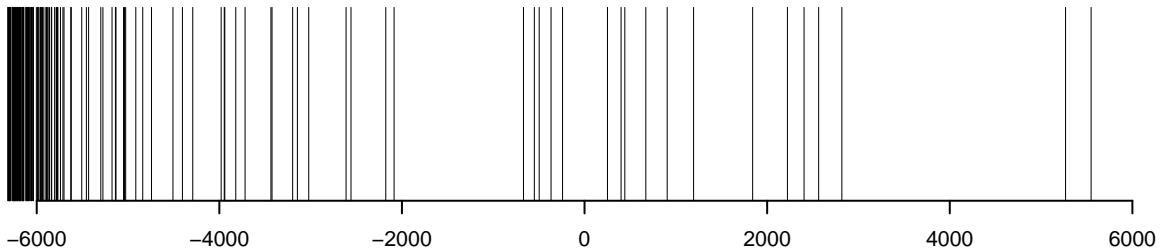
ranked DE score in: x

histogram



ranked DE score in: x

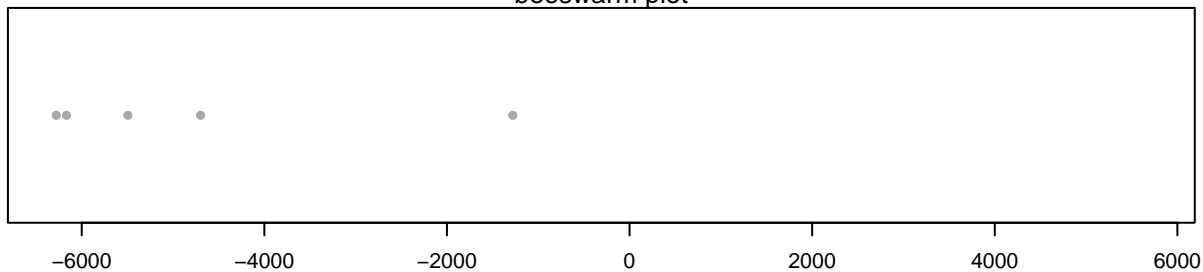
rugplot



ranked DE score in: x

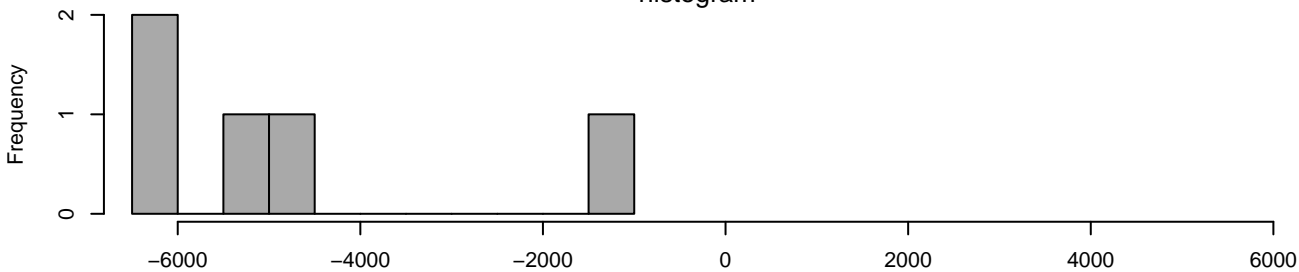
BP POSITIVE REGULATION OF FC RECEPTOR MEDIATED STIMULATORY SIGNALING PA

beeswarm plot



ranked DE score in: x

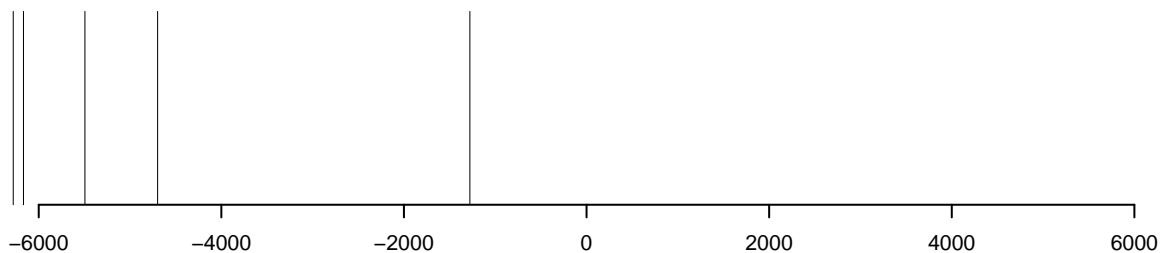
histogram



Frequency

ranked DE score in: x

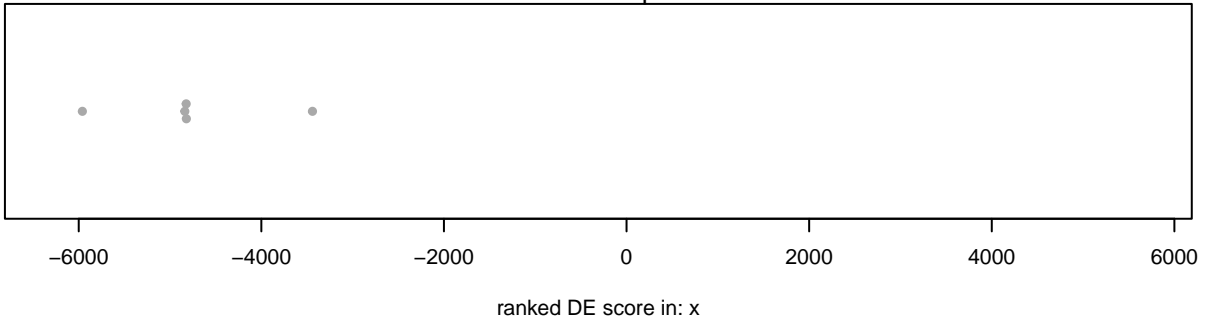
rugplot



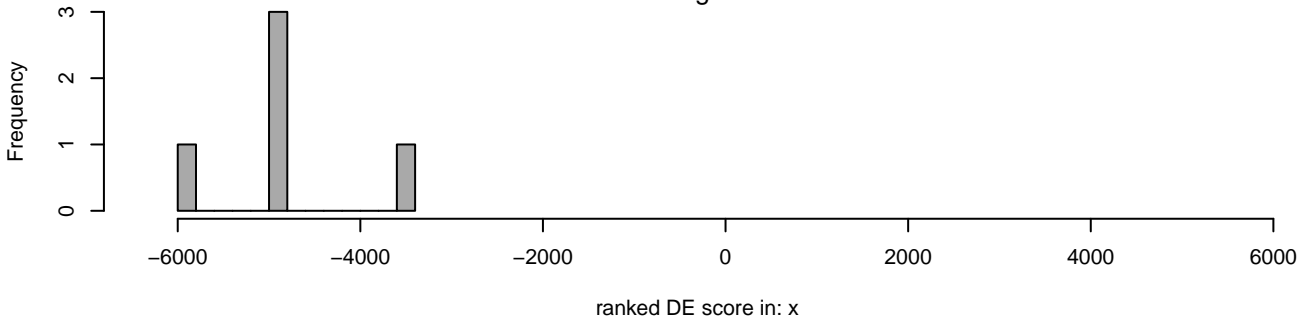
ranked DE score in: x

GOCC F ACTIN CAPPING PROTEIN COMPLEX

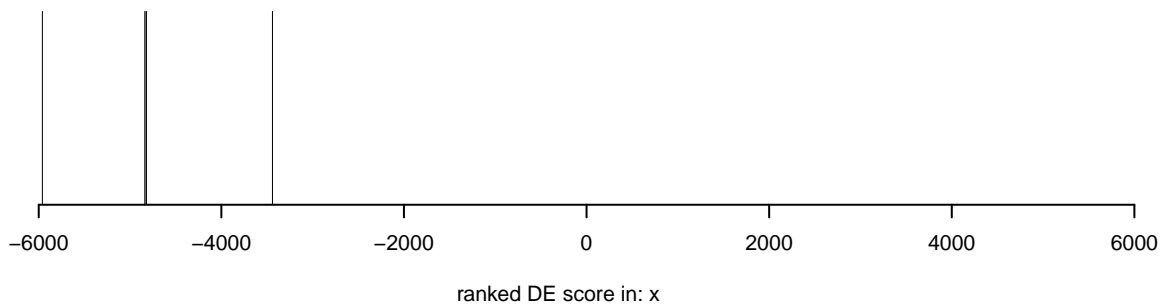
beeswarm plot



histogram

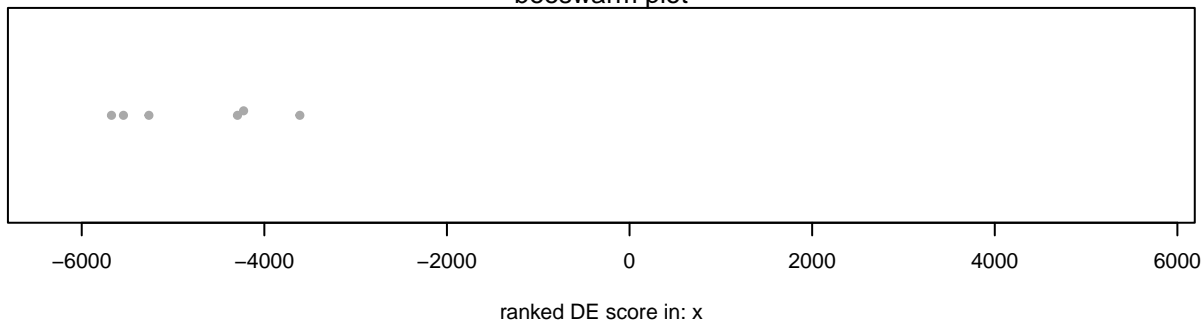


rugplot

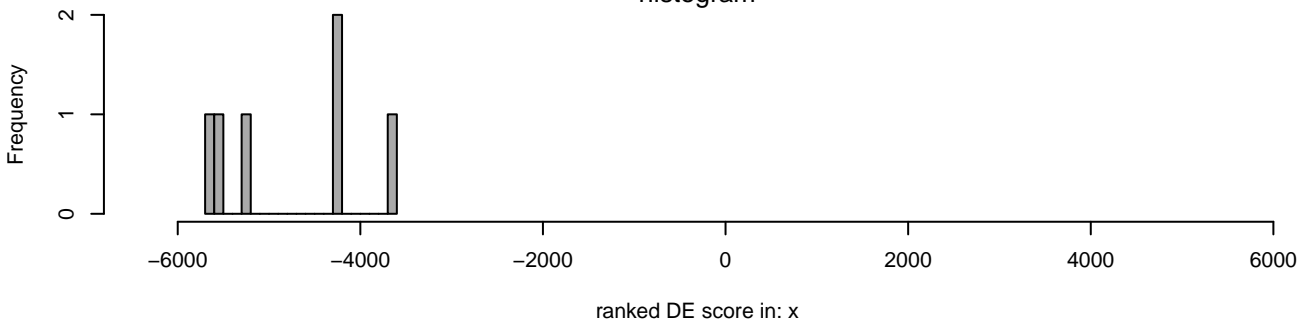


RELATION OF CELL COMMUNICATION BY ELECTRICAL COUPLING INVOLVED IN CARDIAC

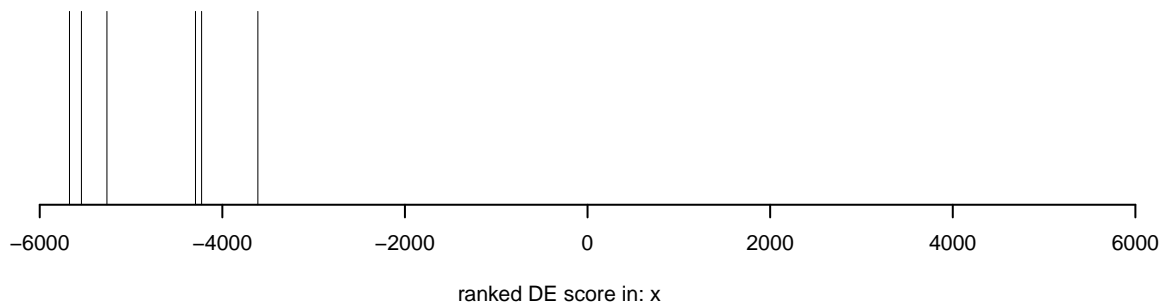
beeswarm plot



histogram

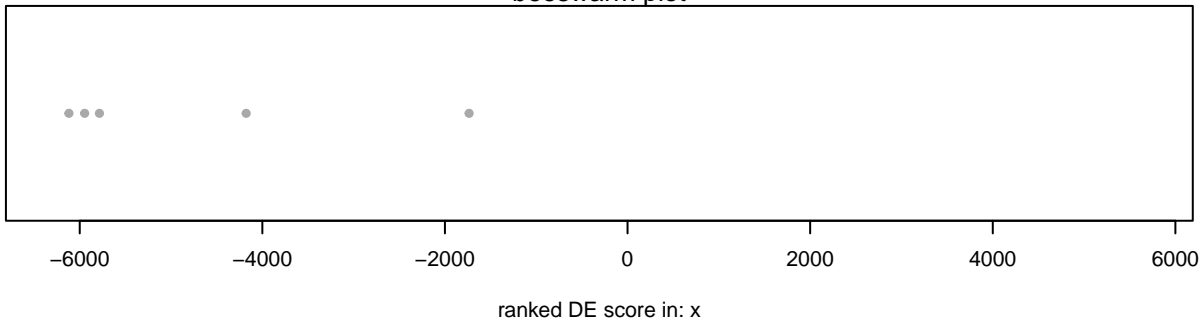


rugplot

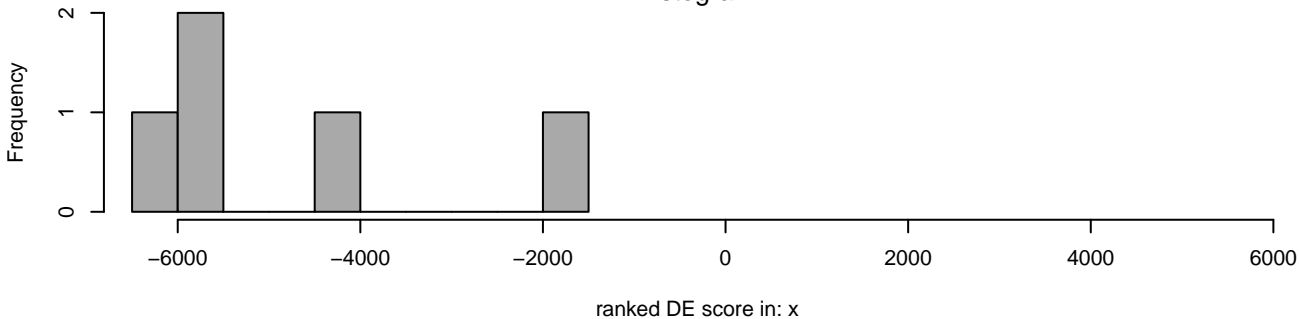


GOBP ENDOTHELIAL CELL ACTIVATION

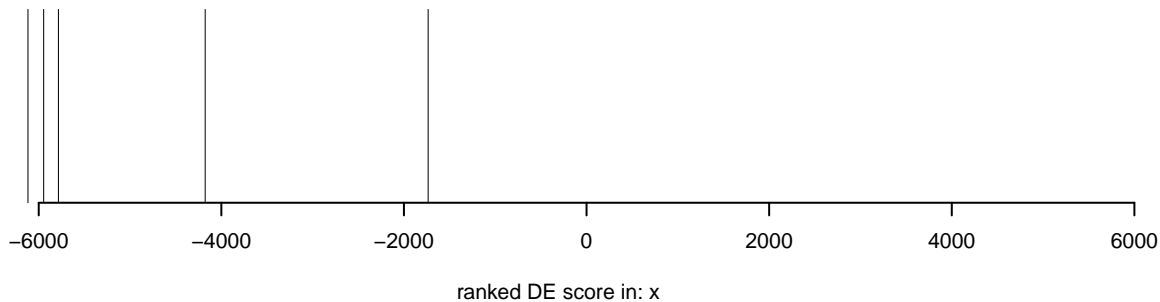
beeswarm plot



histogram

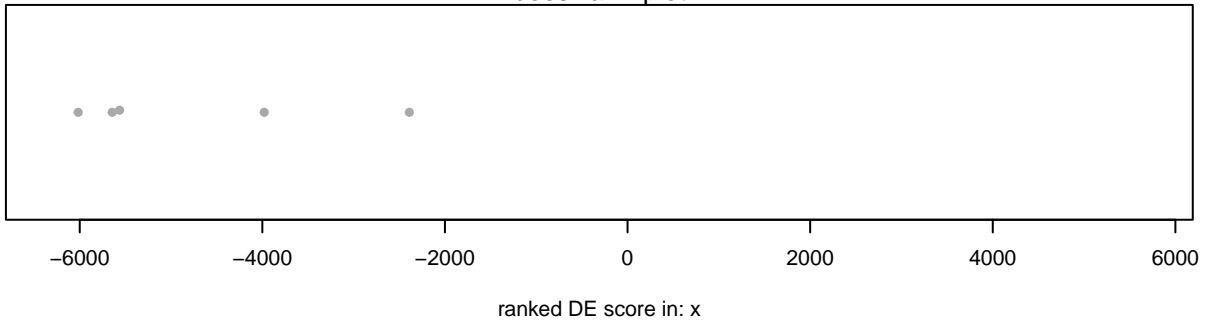


rugplot

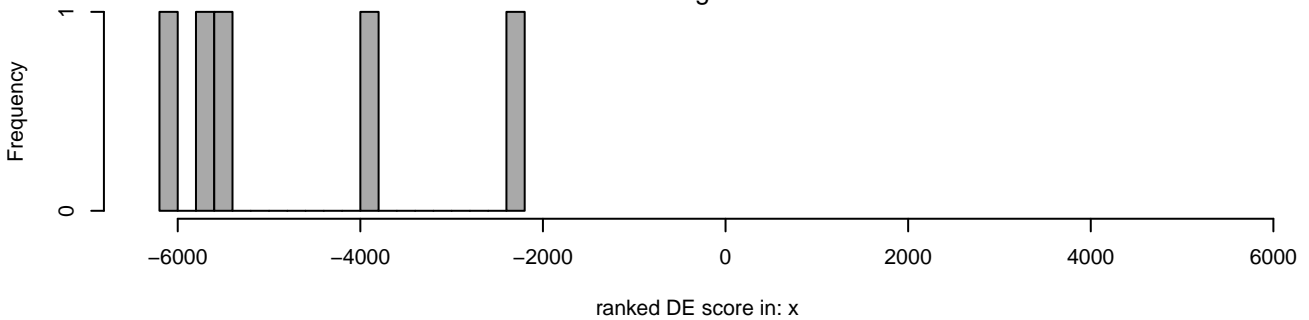


GOCC CALCINEURIN COMPLEX

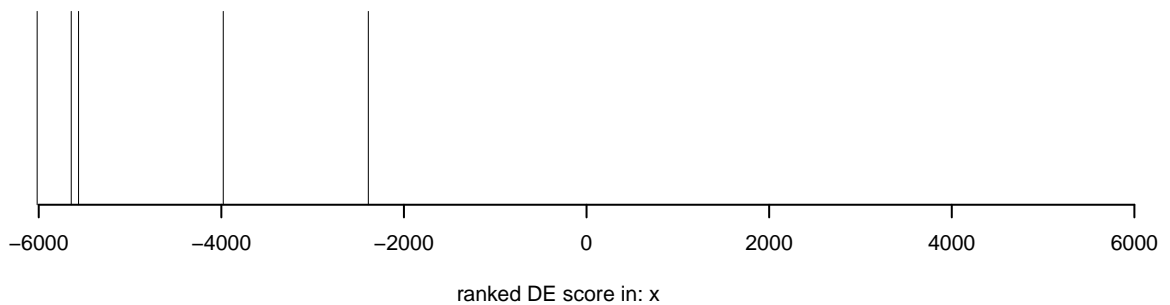
beeswarm plot



histogram

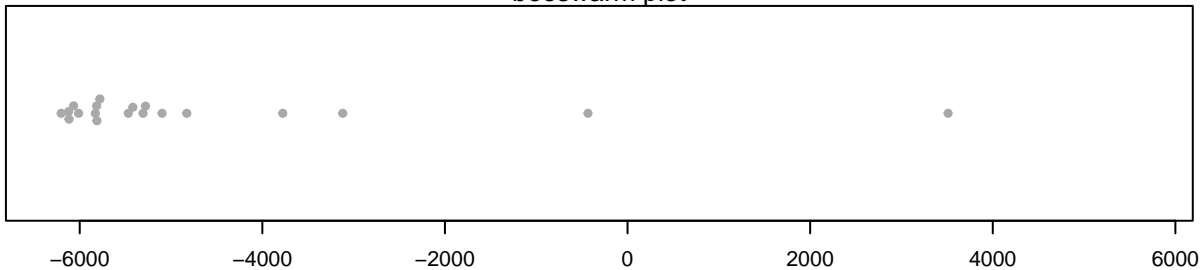


rugplot



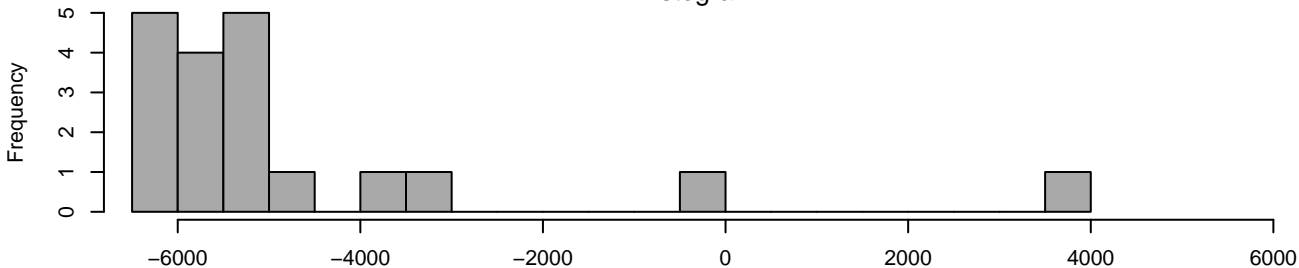
GOCC RESPIRATORY CHAIN COMPLEX IV

beeswarm plot



ranked DE score in: x

histogram



Frequency

ranked DE score in: x

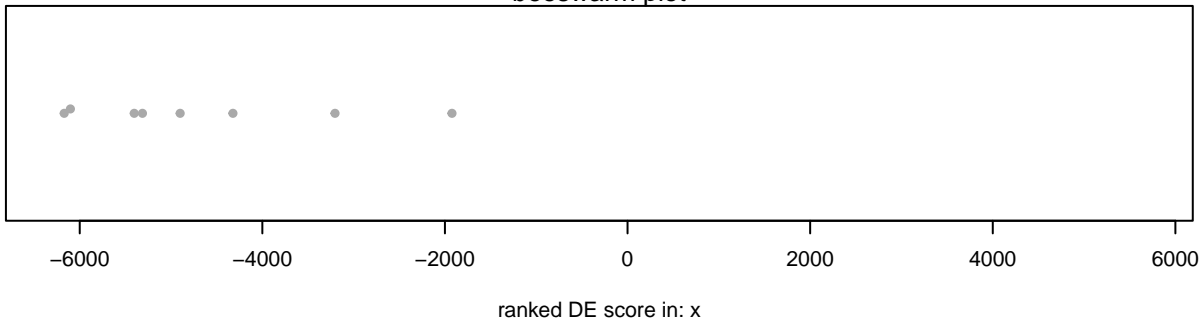
rugplot



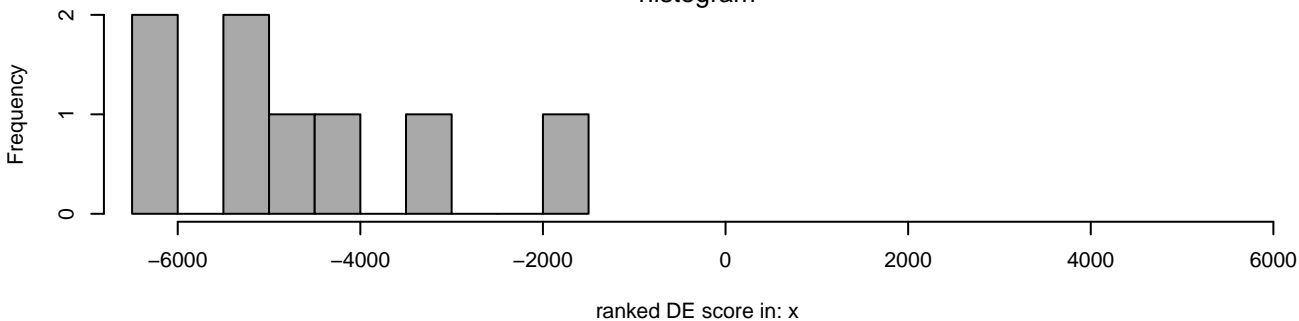
ranked DE score in: x

GOBP RESPONSE TO INTERLEUKIN 2

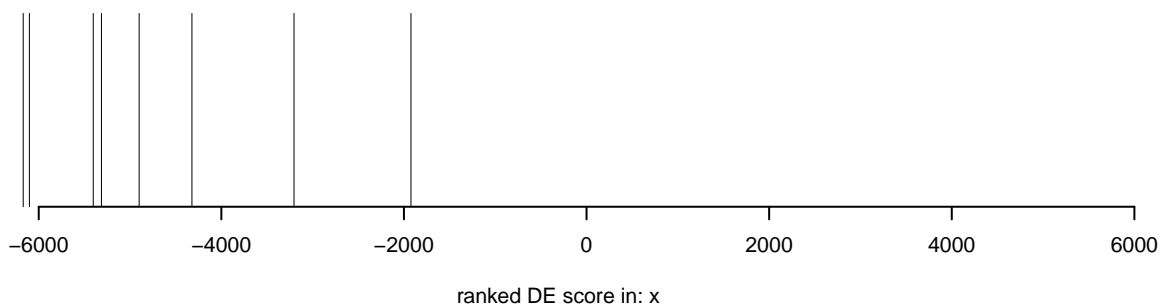
beeswarm plot



histogram

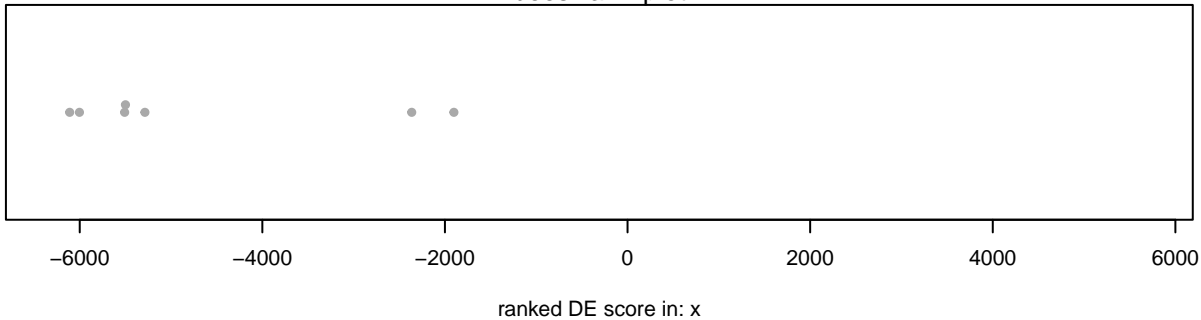


rugplot

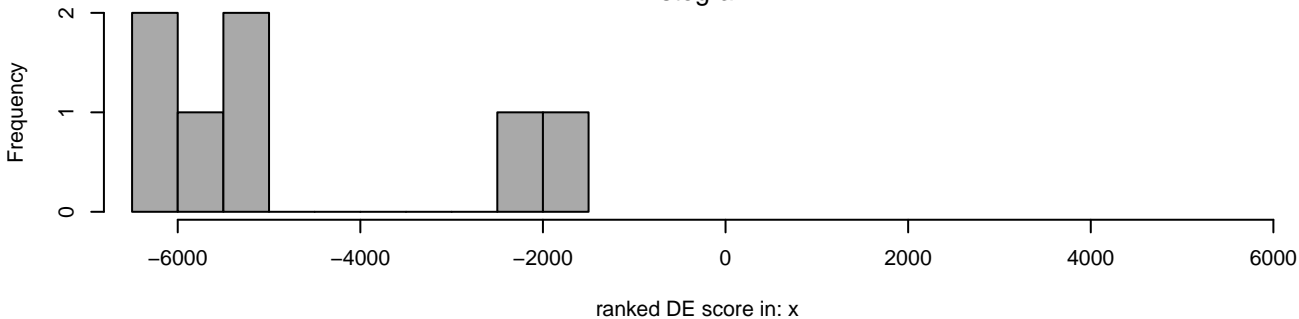


GOMF TAP BINDING

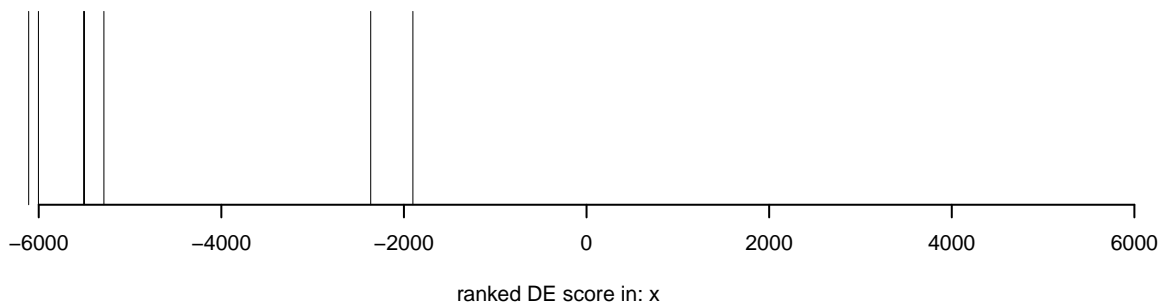
beeswarm plot



histogram

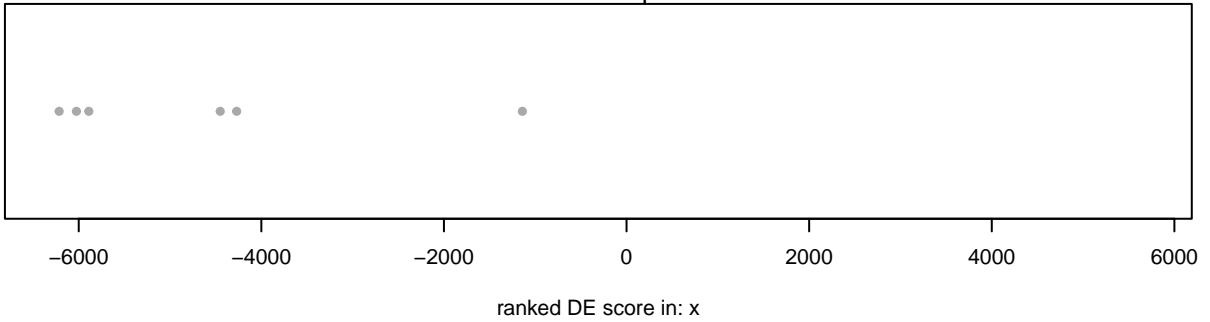


rugplot

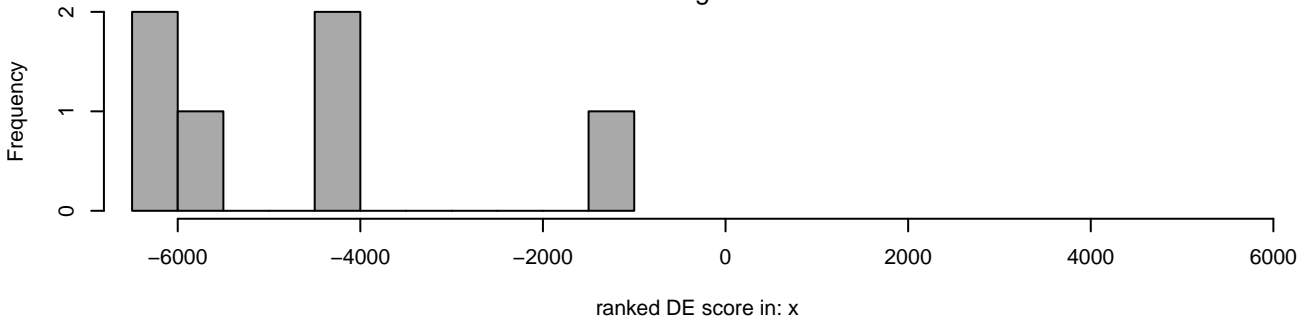


GOMF SUPERCOILED DNA BINDING

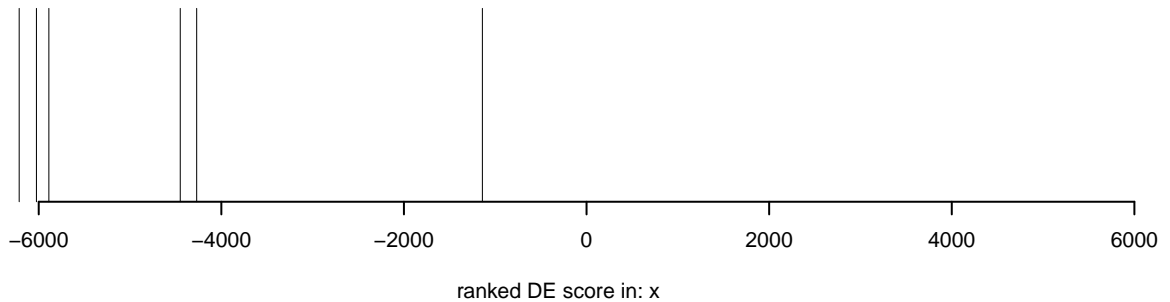
beeswarm plot



histogram

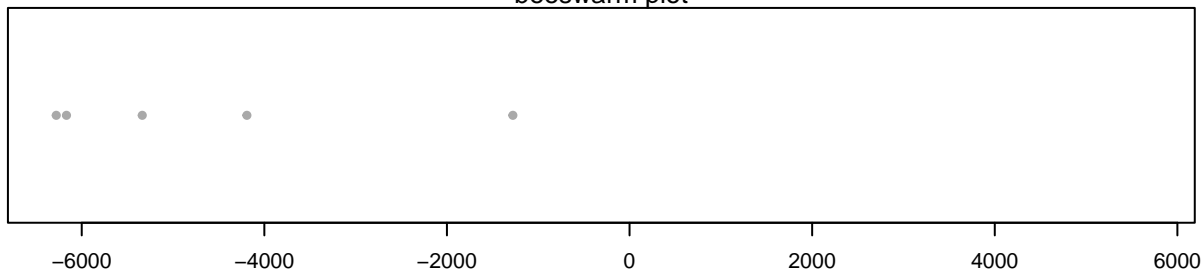


rugplot



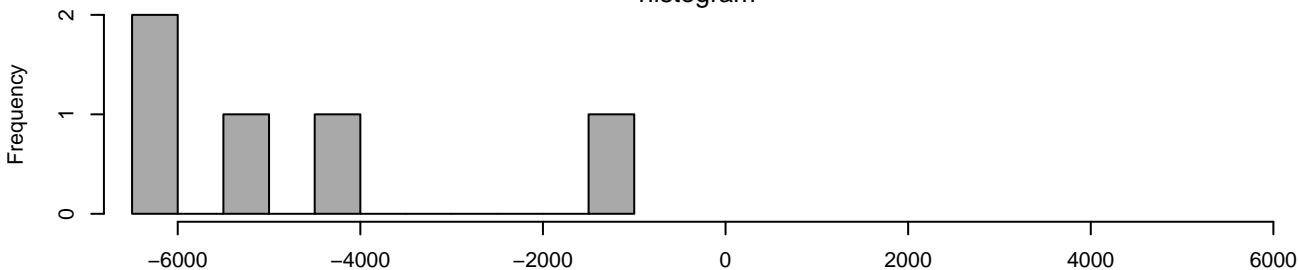
REGULATION OF FC GAMMA RECEPTOR SIGNALING PATHWAY INVOLVED IN PHAGOC

beeswarm plot



ranked DE score in: x

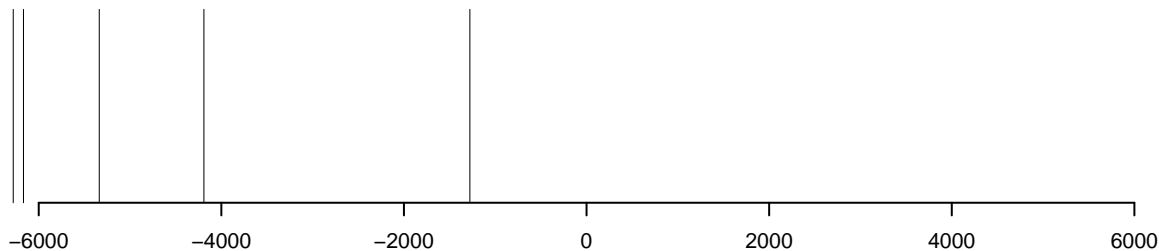
histogram



Frequency

ranked DE score in: x

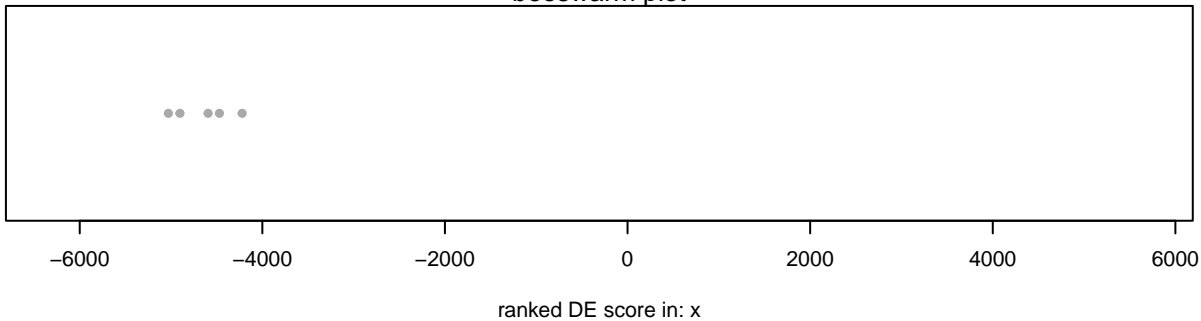
rugplot



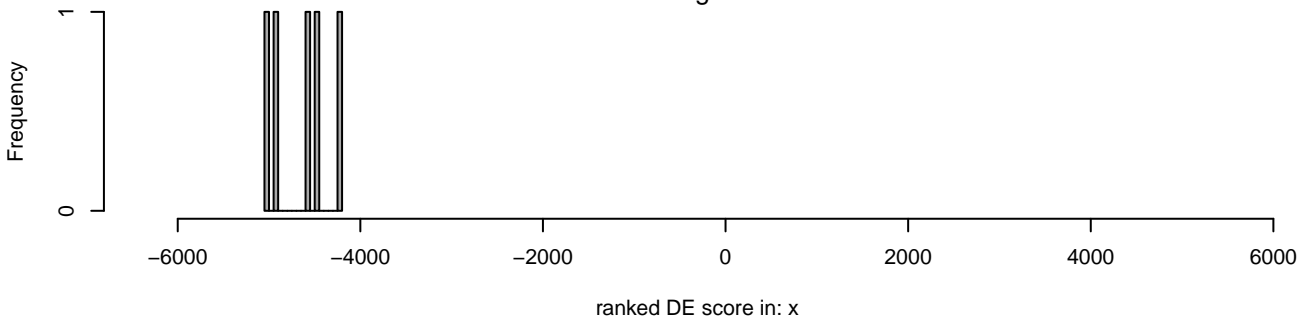
ranked DE score in: x

GOBP REGULATION OF MEMBRANE TUBULATION

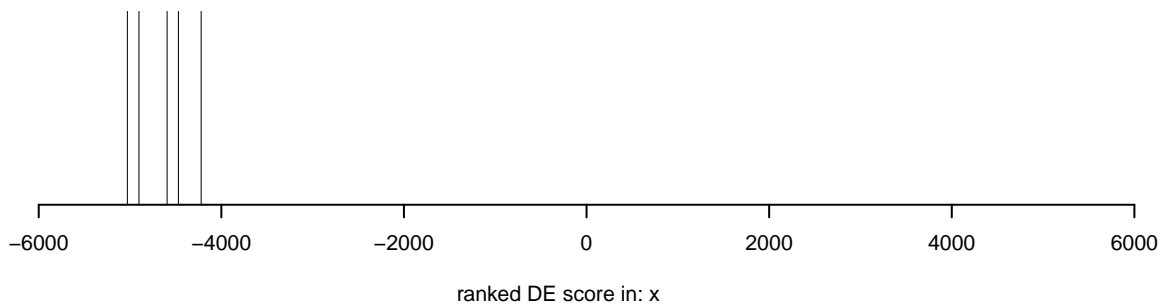
beeswarm plot



histogram

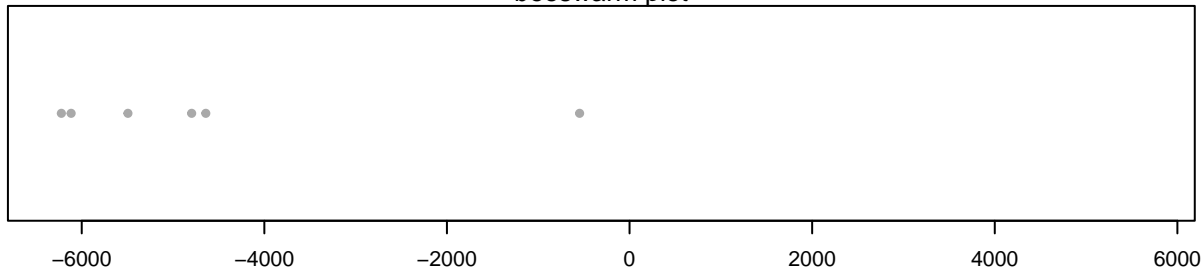


rugplot



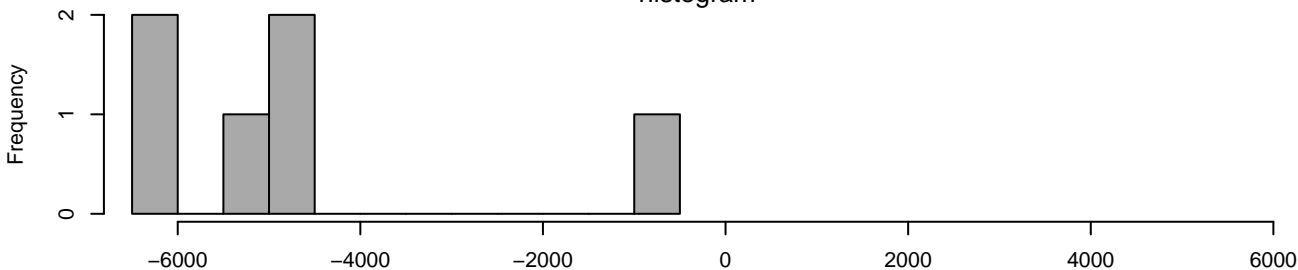
GOBP NATURAL KILLER CELL MEDIATED IMMUNE RESPONSE TO TUMOR CELL

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

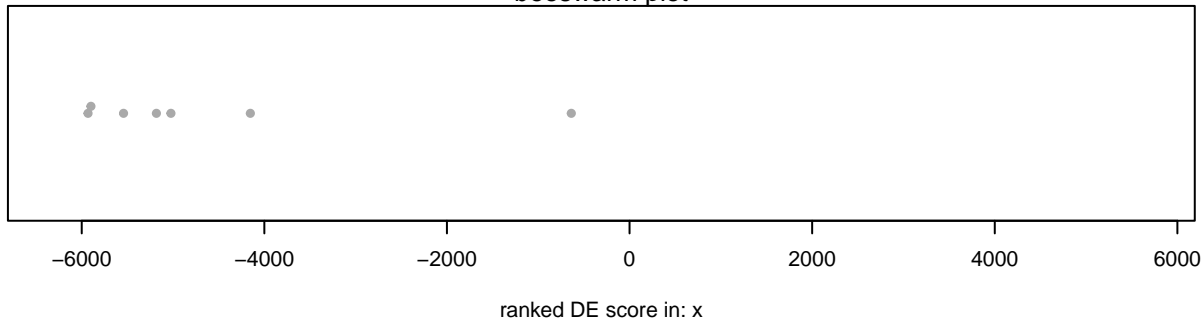
rugplot



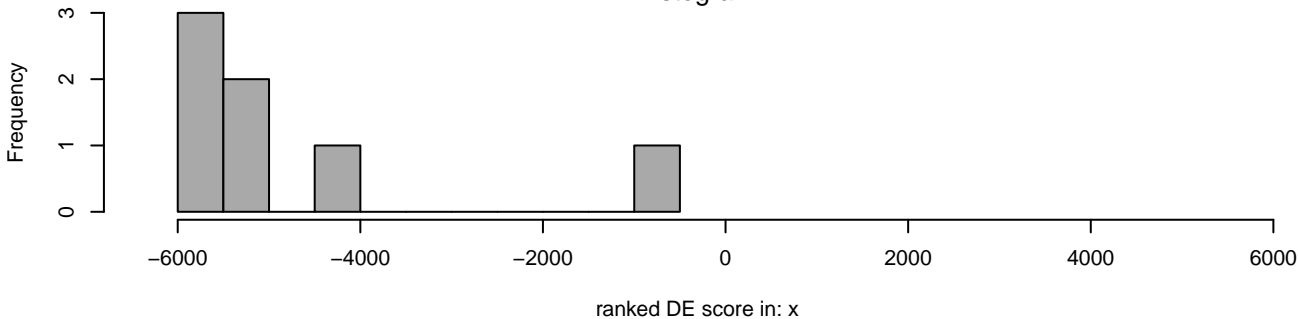
ranked DE score in: x

GOBP ESTABLISHMENT OF MITOTIC SISTER CHROMATID COHESION

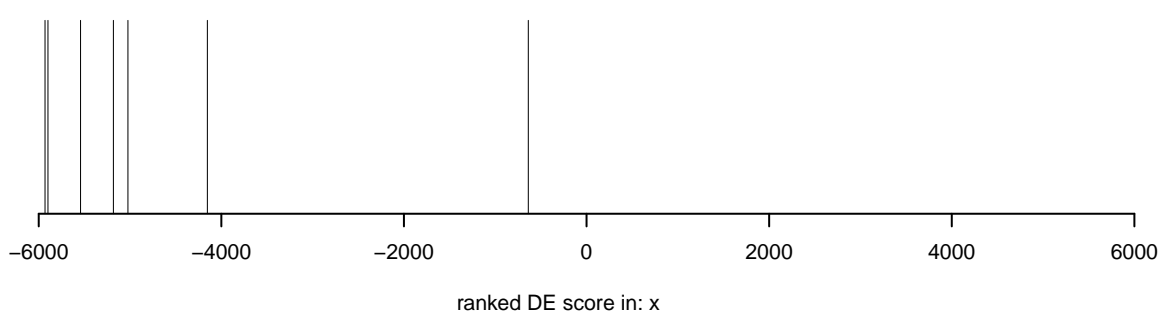
beeswarm plot



histogram

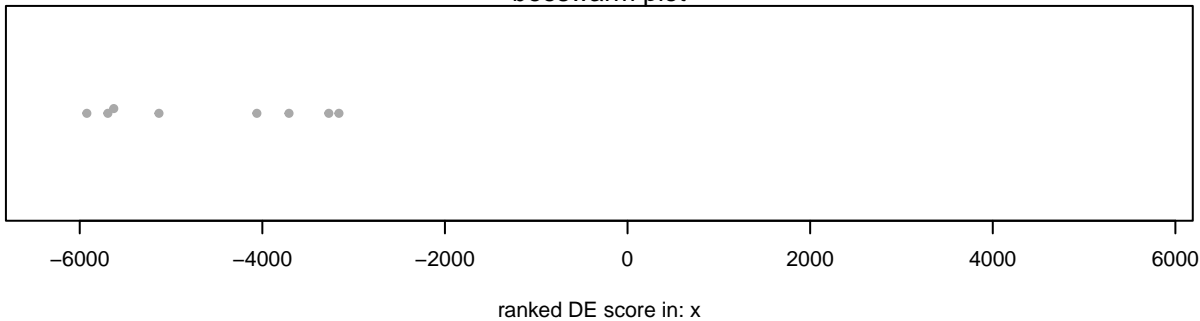


rugplot

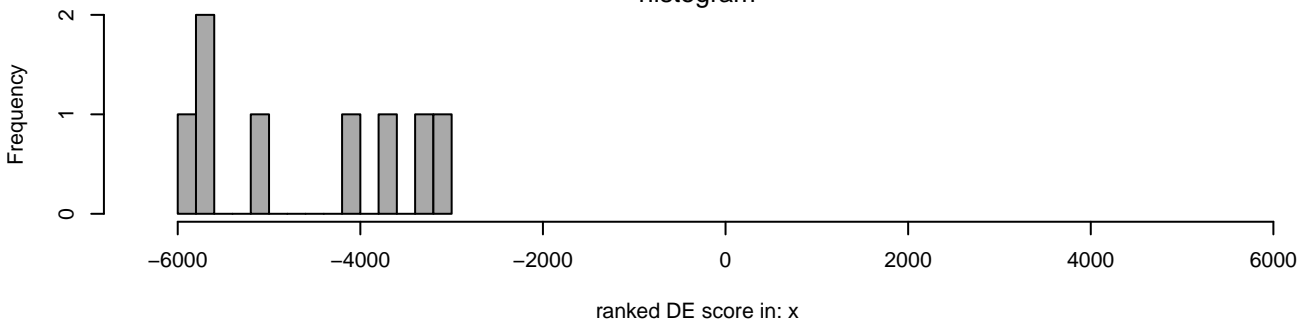


GOMF POLY G BINDING

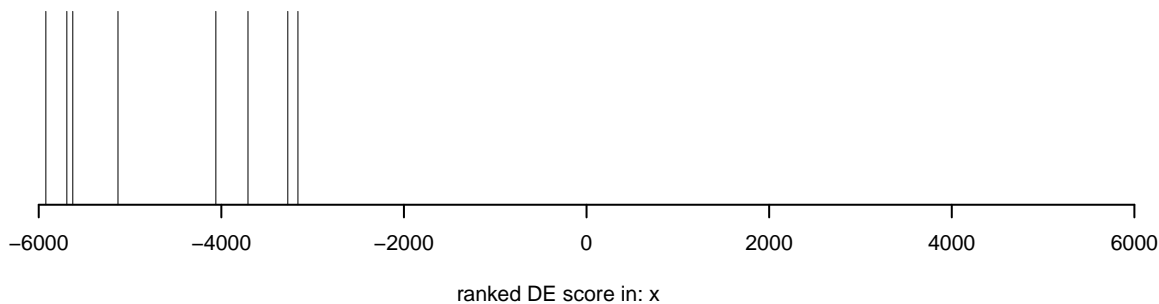
beeswarm plot



histogram

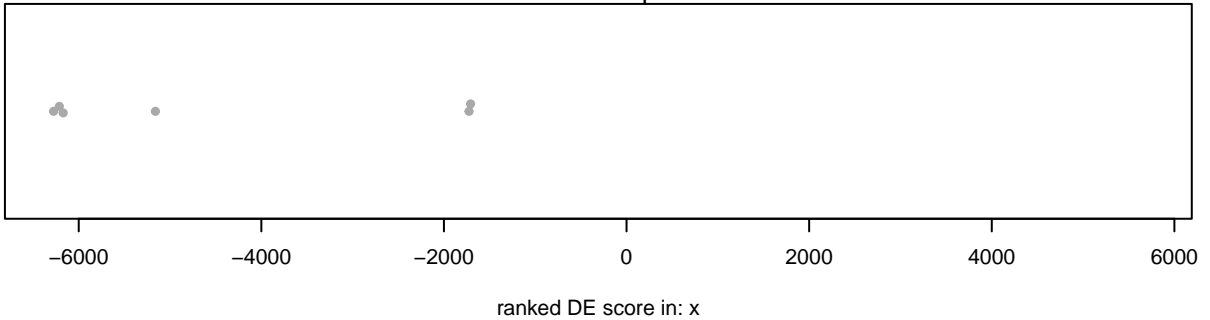


rugplot

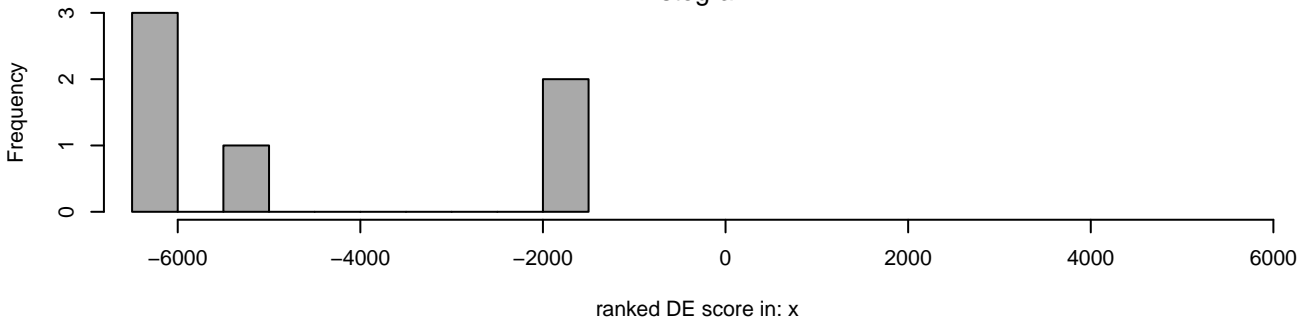


GOMF CCR5 CHEMOKINE RECEPTOR BINDING

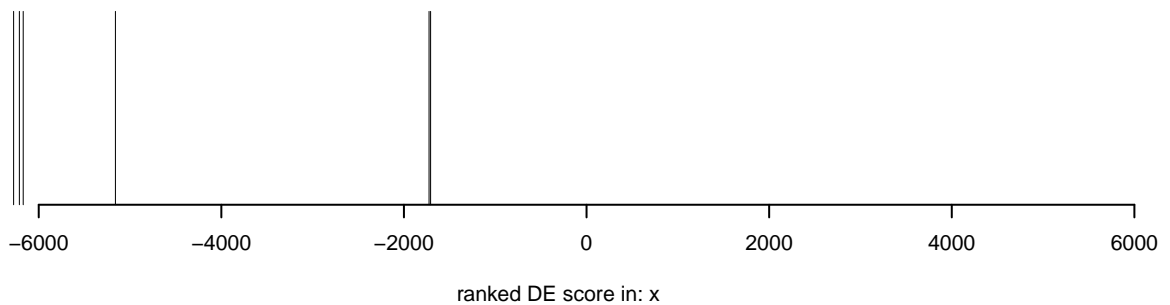
beeswarm plot



histogram

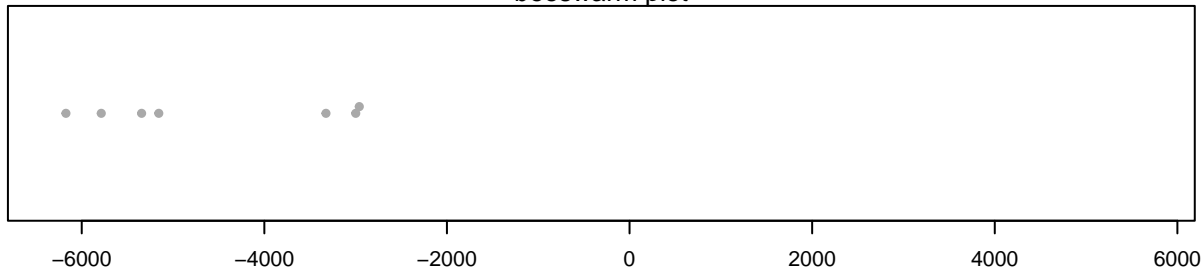


rugplot



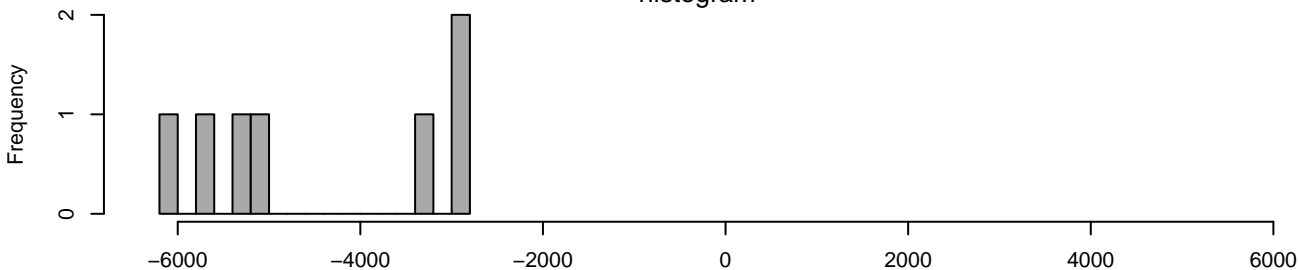
GOCC PROTEASOME CORE COMPLEX ALPHA SUBUNIT COMPLEX

beeswarm plot



ranked DE score in: x

histogram



Frequency

ranked DE score in: x

rugplot



-6000

-4000

-2000

0

2000

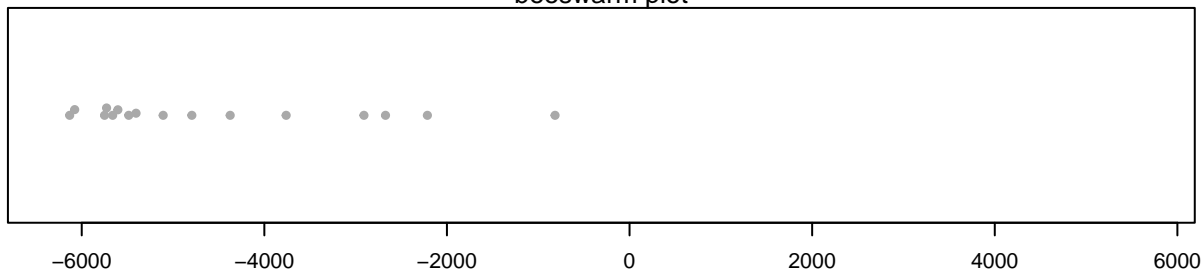
4000

6000

ranked DE score in: x

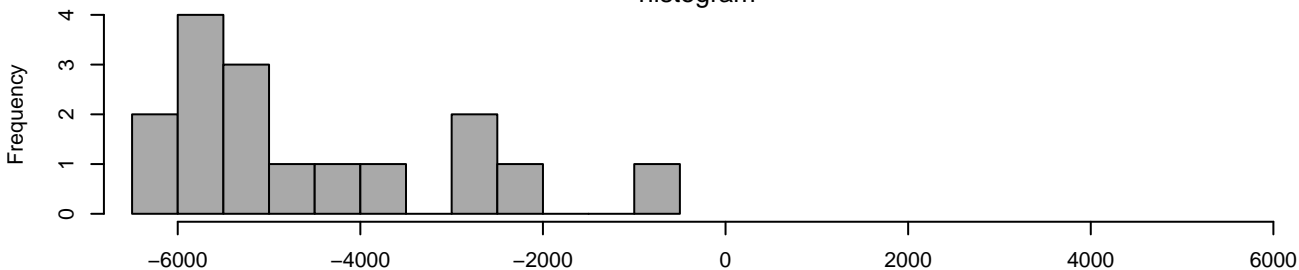
GOMF PROTON TRANSPORTING ATP SYNTHASE ACTIVITY ROTATIONAL MECHANISM

beeswarm plot



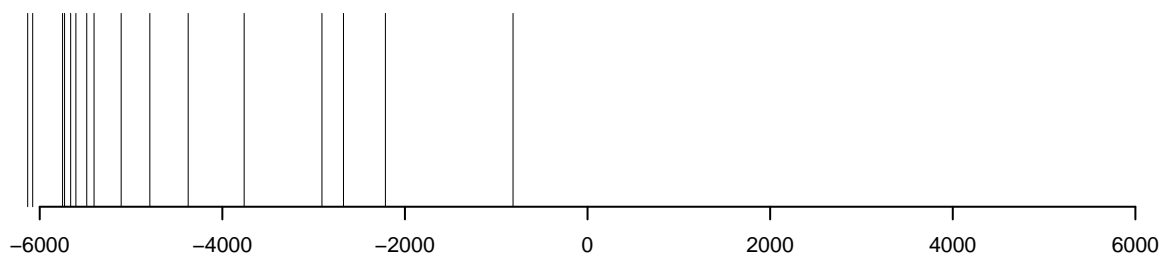
ranked DE score in: x

histogram



ranked DE score in: x

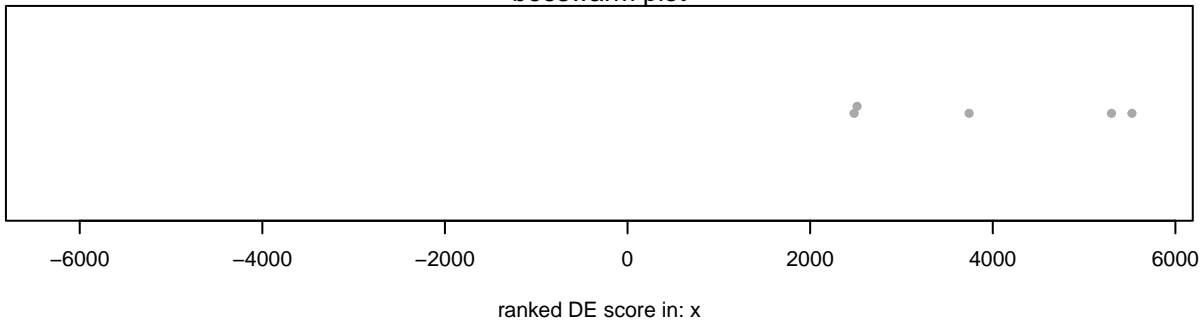
rugplot



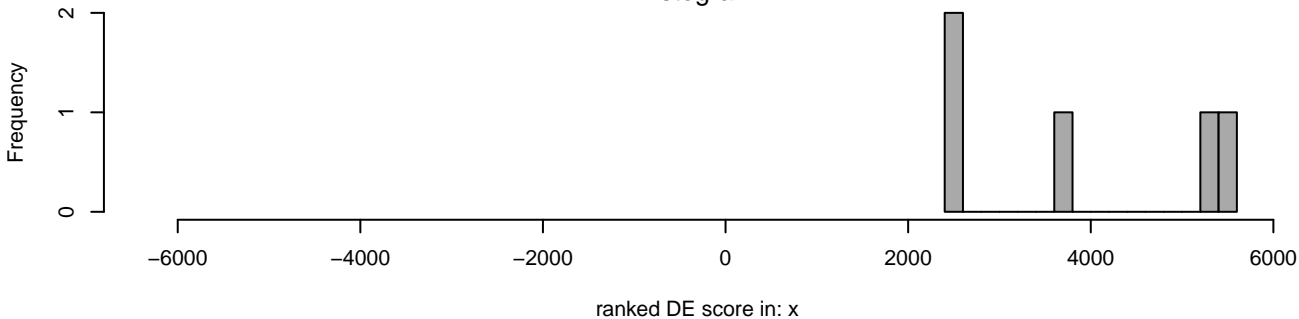
ranked DE score in: x

GOMF NEUROPEPTIDE RECEPTOR ACTIVITY

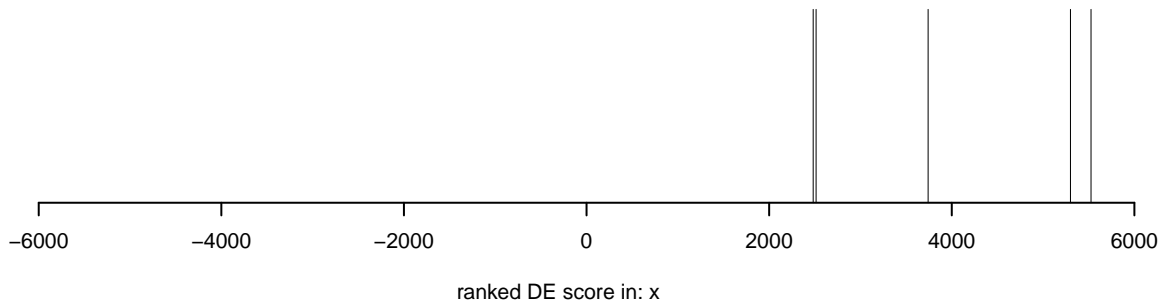
beeswarm plot



histogram

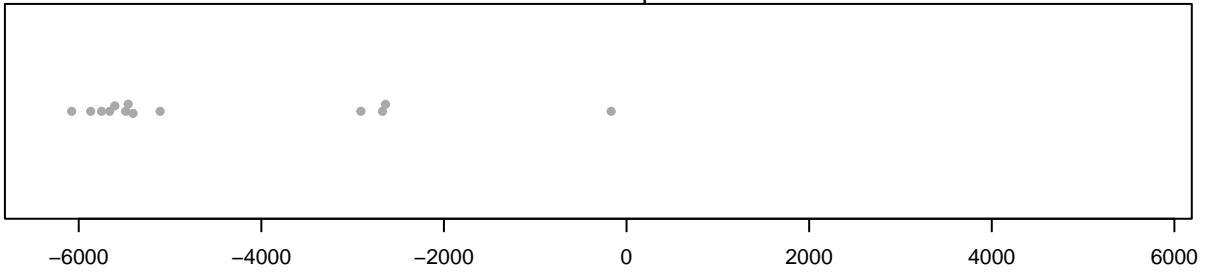


rugplot



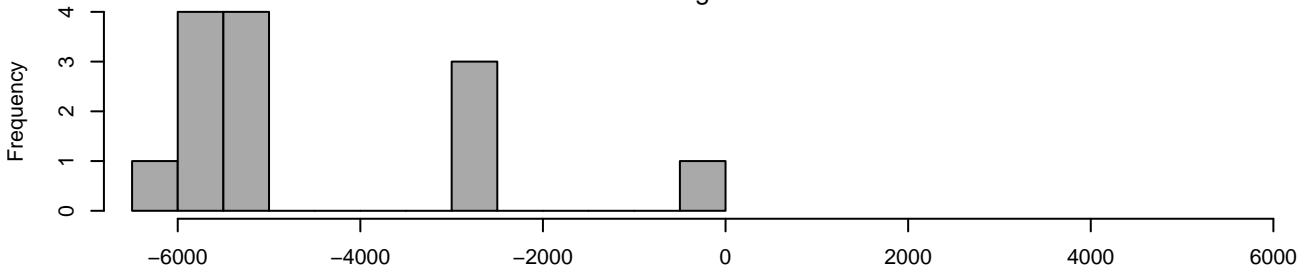
GOCC PROTON TRANSPORTING ATP SYNTHASE COMPLEX COUPLING FACTOR F O

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

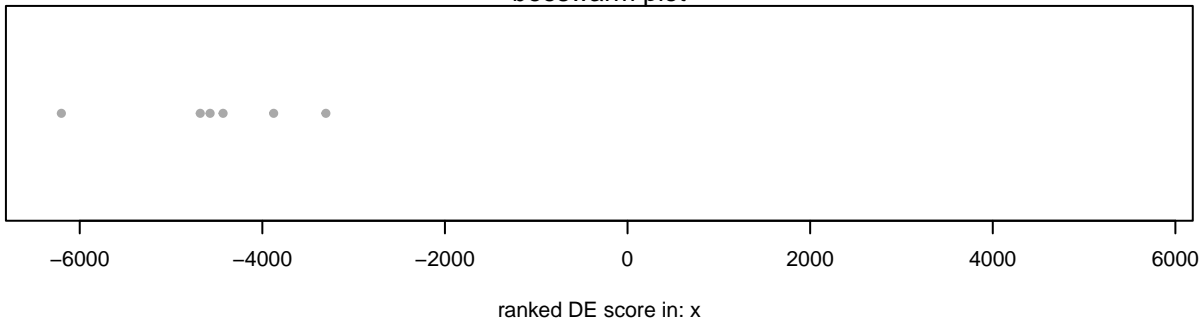
rugplot



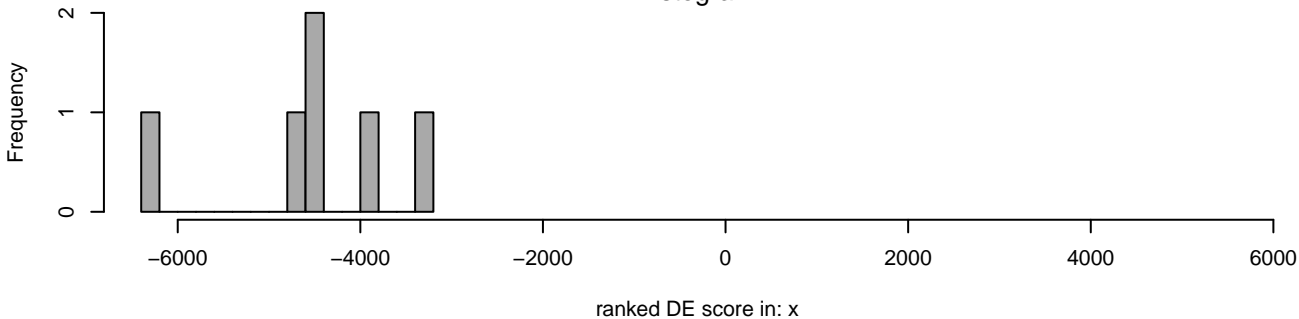
ranked DE score in: x

GOMF UBIQUITIN MODIFICATION DEPENDENT HISTONE BINDING

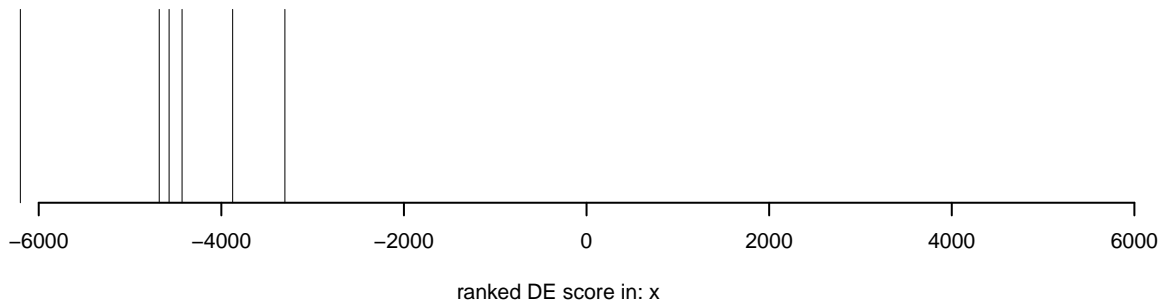
beeswarm plot



histogram

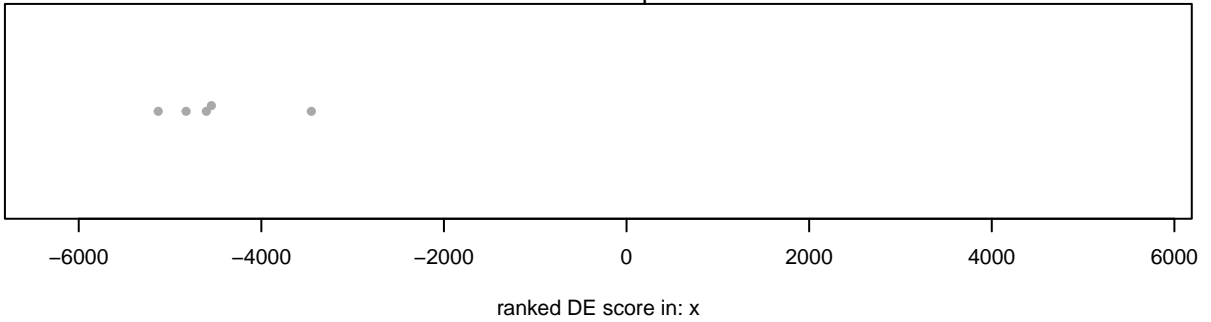


rugplot

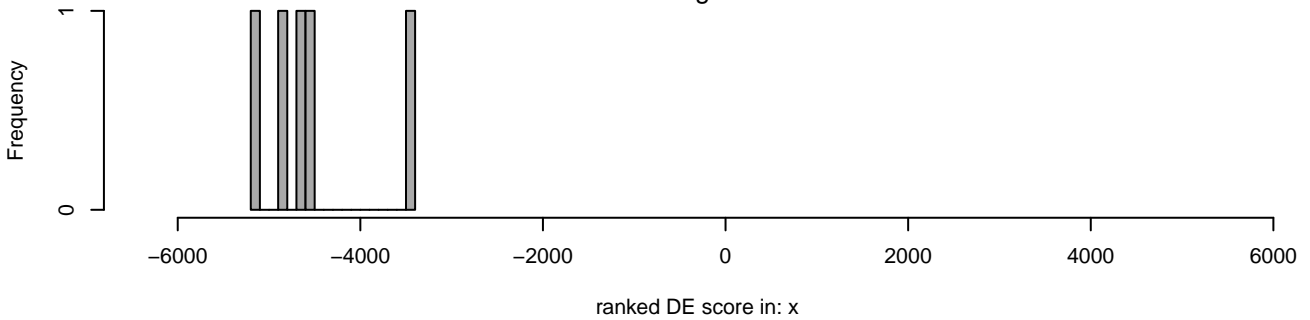


GOCC PROTEIN PHOSPHATASE 4 COMPLEX

beeswarm plot



histogram



rugplot

