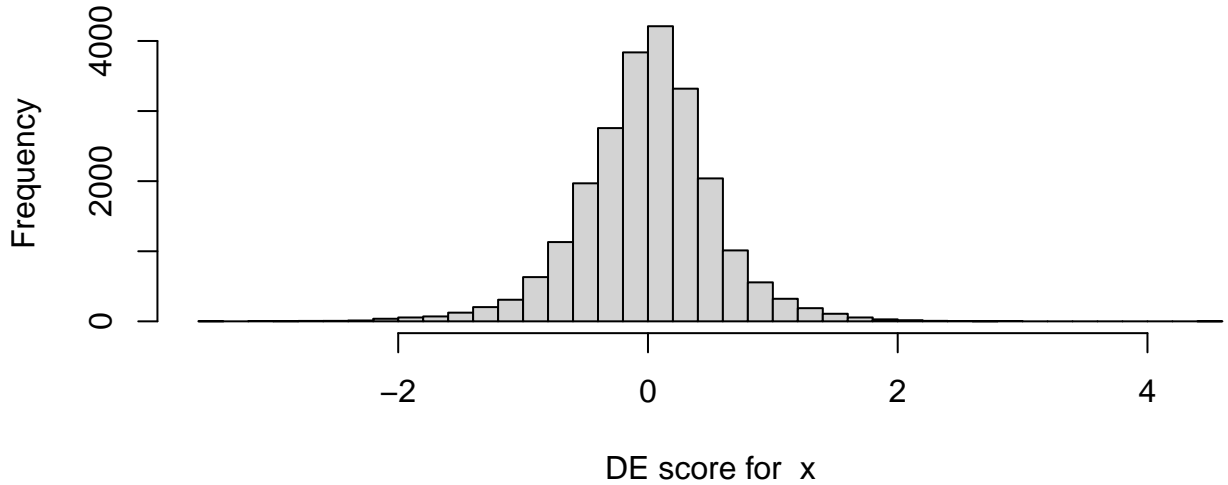
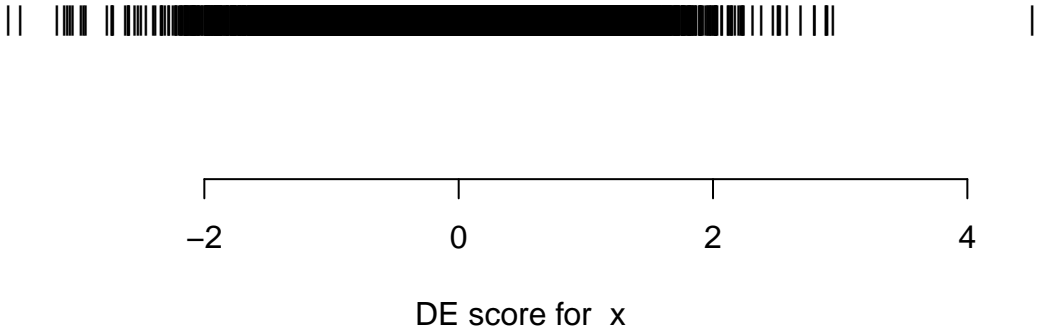


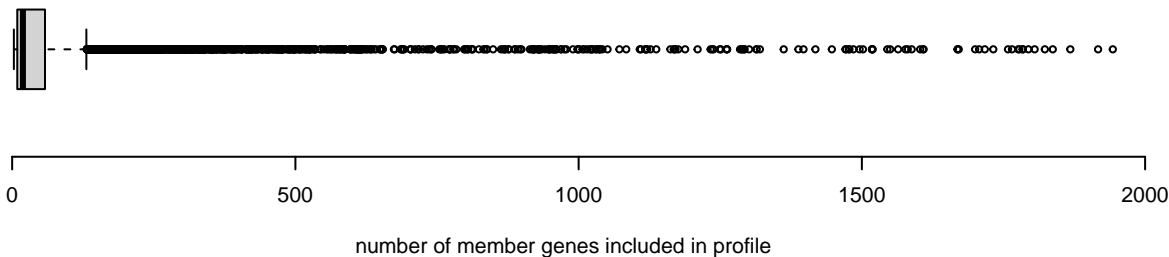
# Distribution of DE scores



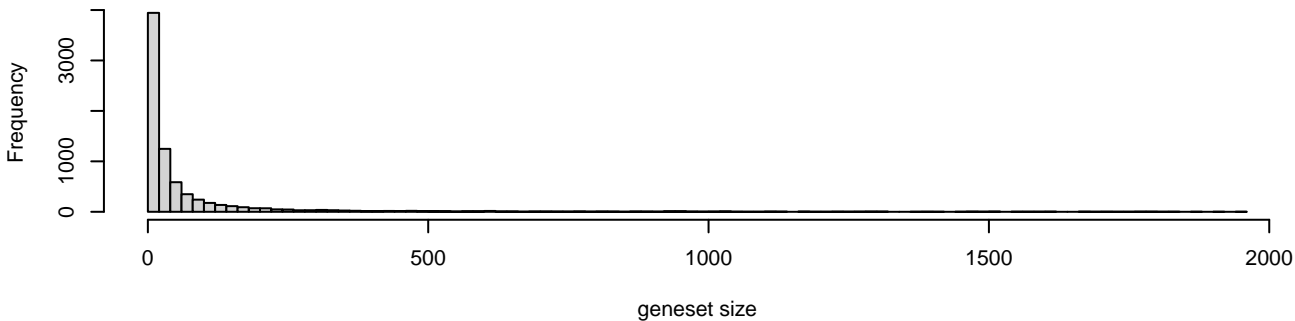
23030 genes in total, 11873 trending up-regulated, 11157 trending down-regulated



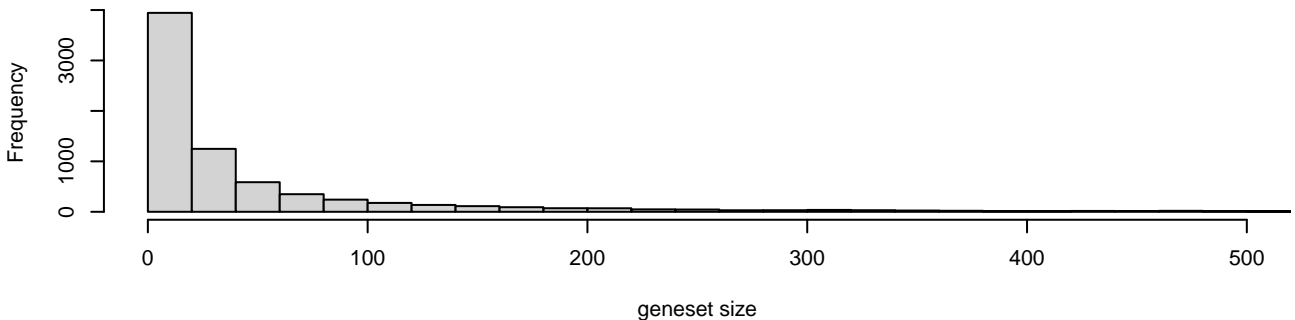
### Gene set size



### Histogram of geneset size

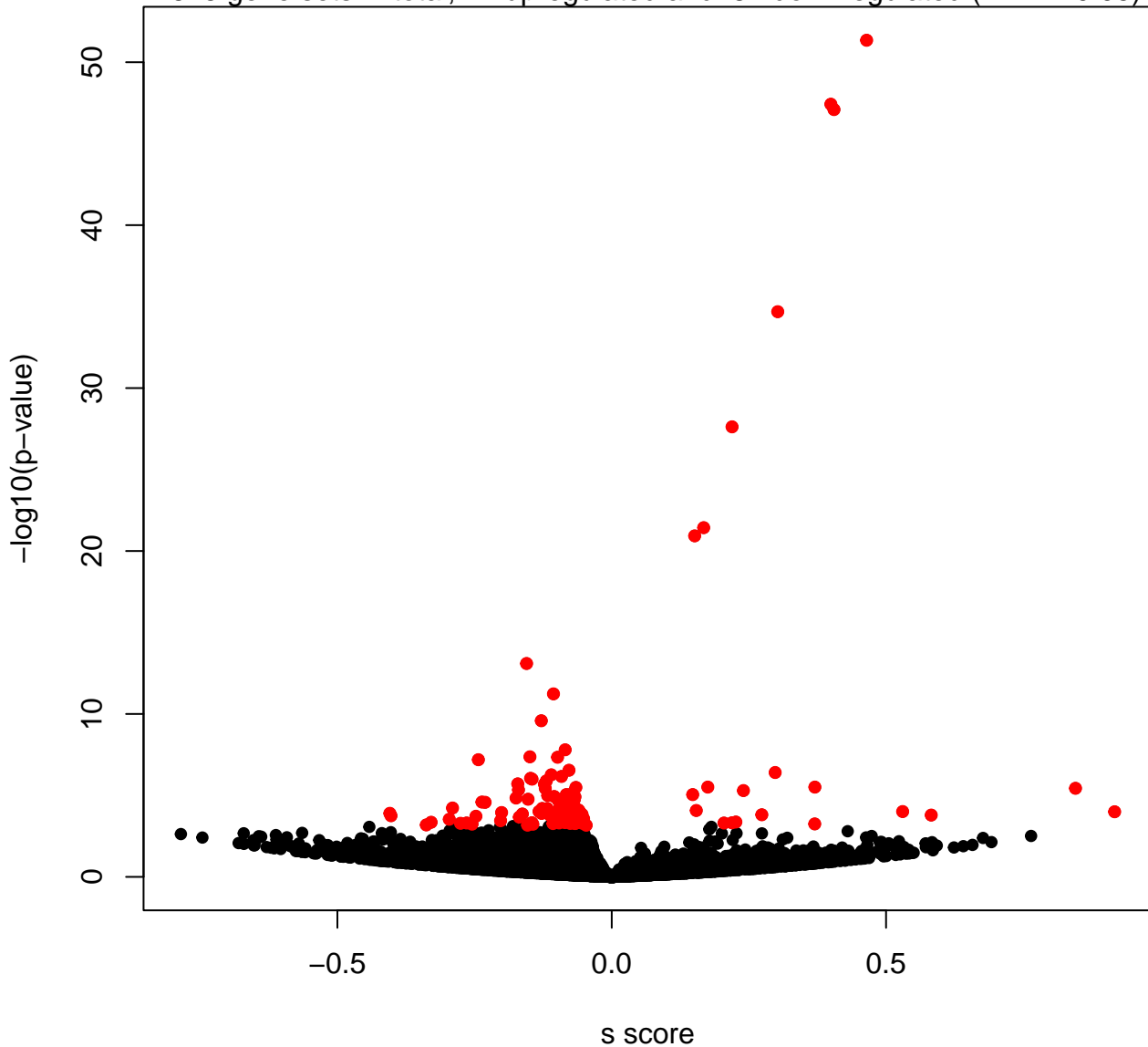


### Trimmed histogram of geneset size



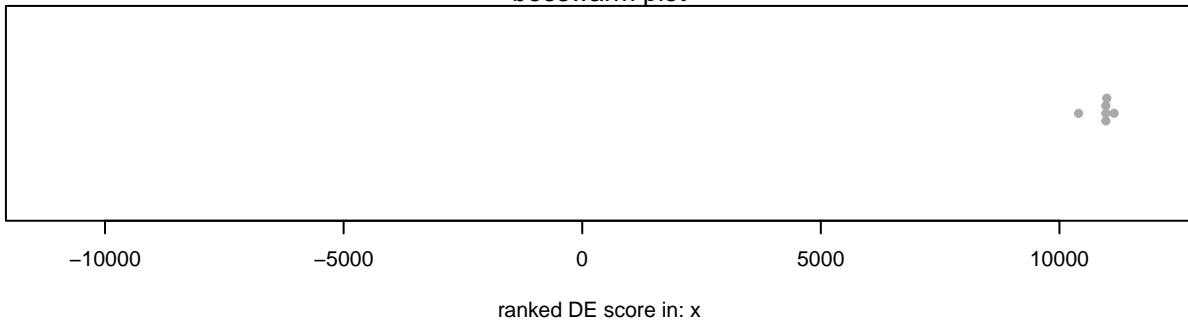
# volcano plot of gene set enrichments

7625 gene sets in total, 22 upregulated and 87 downregulated (FDR $\leq$ 0.05)

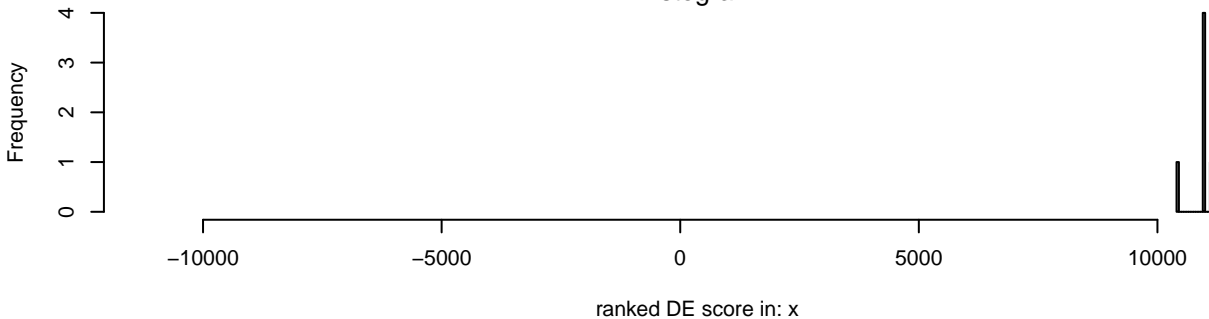


# DISRUPTION OF PLASMA MEMBRANE INTEGRITY IN ANOTHER ORGANISM

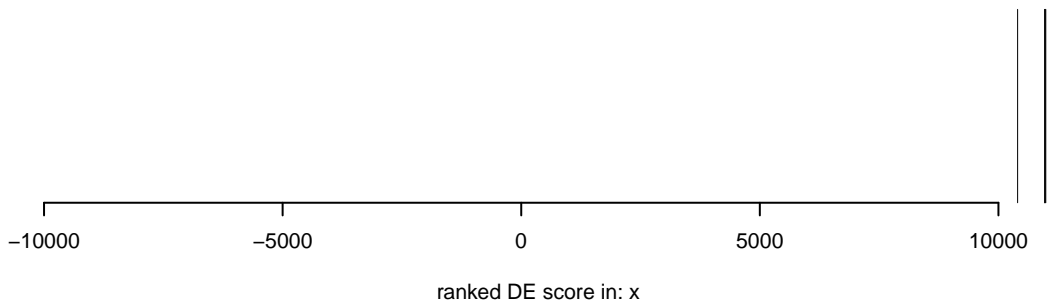
beeswarm plot



histogram

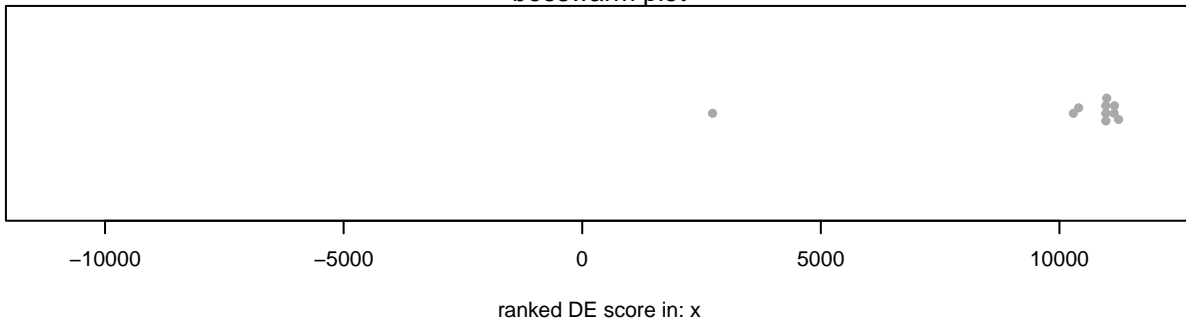


rugplot

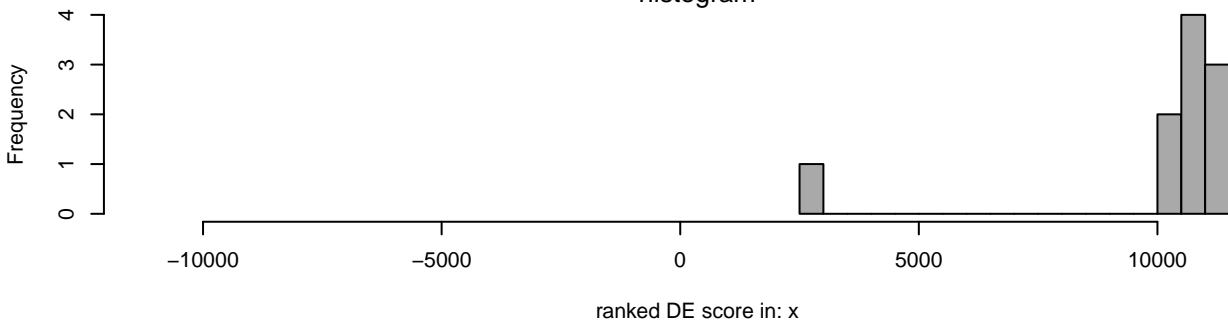


# DISRUPTION OF CELLULAR ANATOMICAL STRUCTURE IN ANOTHER ORGANISM

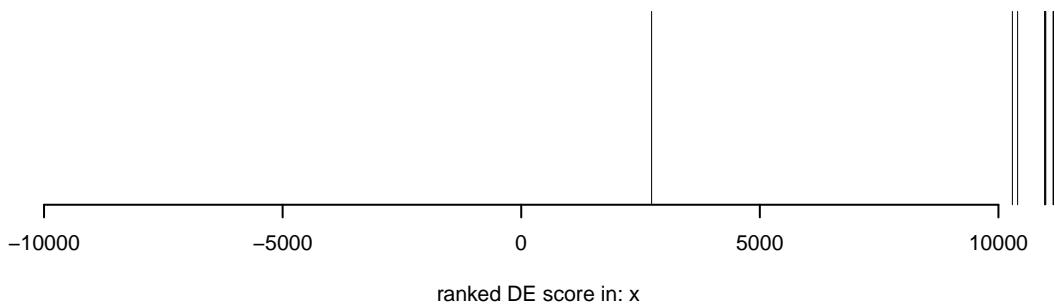
beeswarm plot



histogram

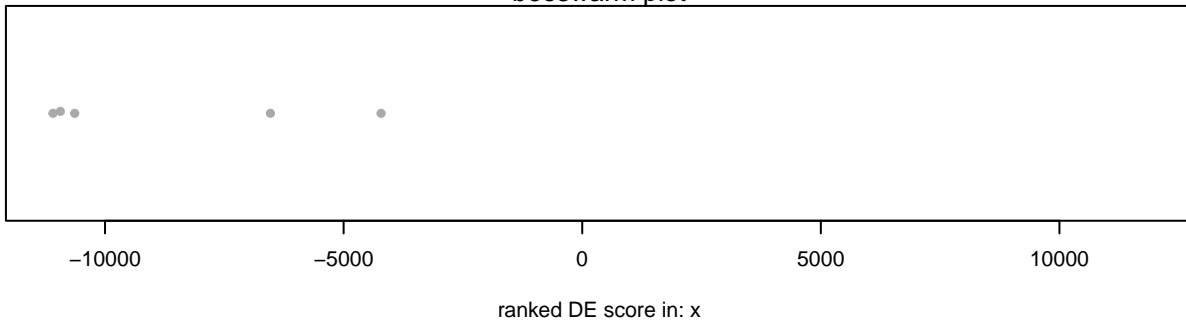


rugplot

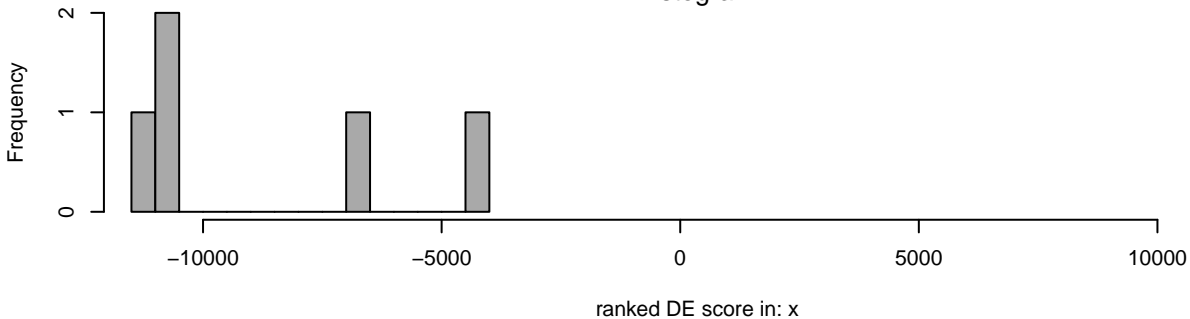


# LOBAR BRONCHUS EPITHELIUM DEVELOPMENT

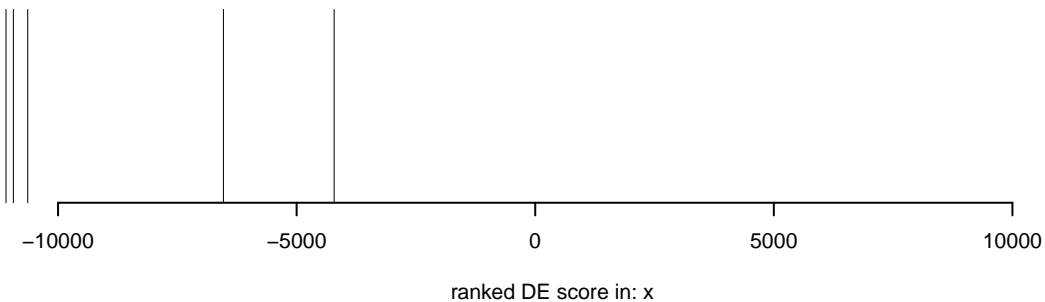
beeswarm plot



histogram

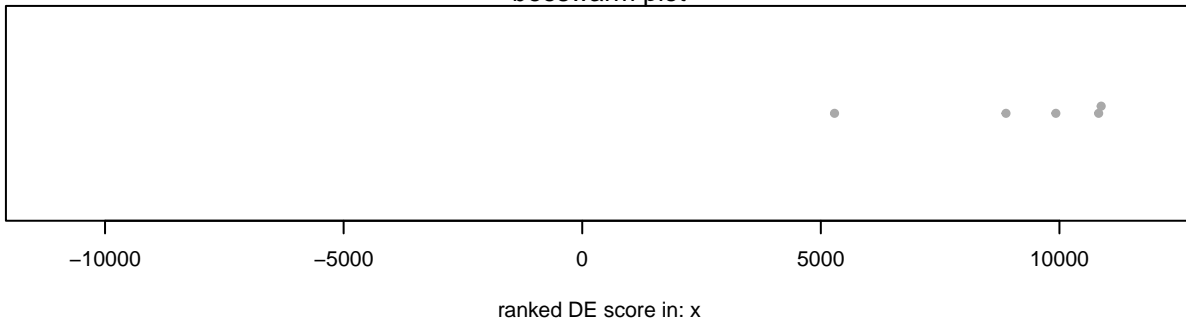


rugplot

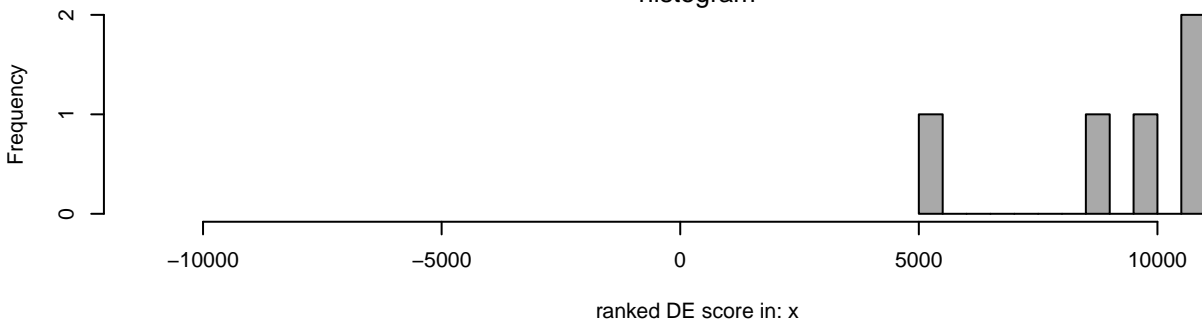


# NEGATIVE REGULATION OF SEROTONIN SECRETION

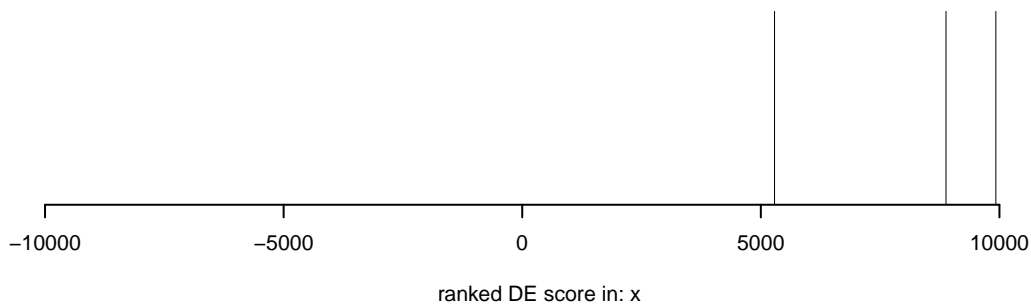
beeswarm plot



histogram

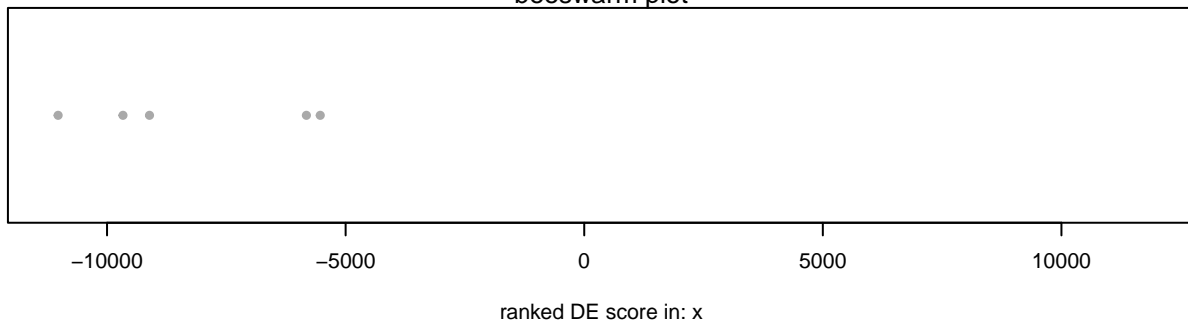


rugplot

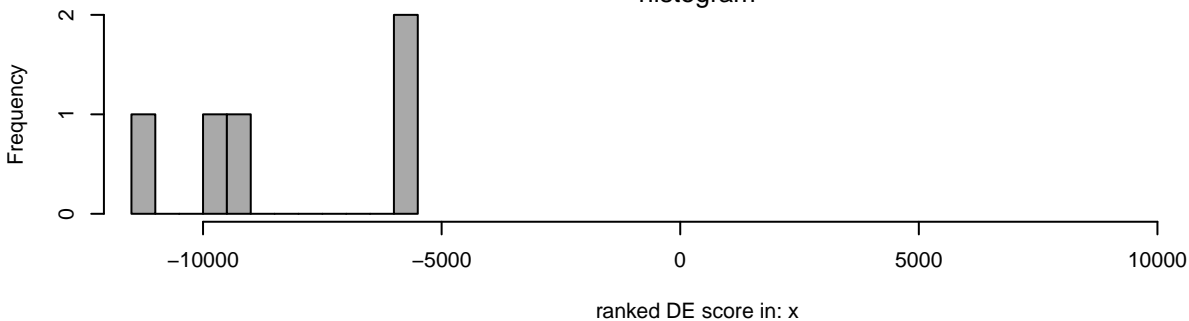


# OF MICROTUBULE CYTOSKELETON INVOLVED IN CEREBRAL CORTEX RADIAL GLIA GU

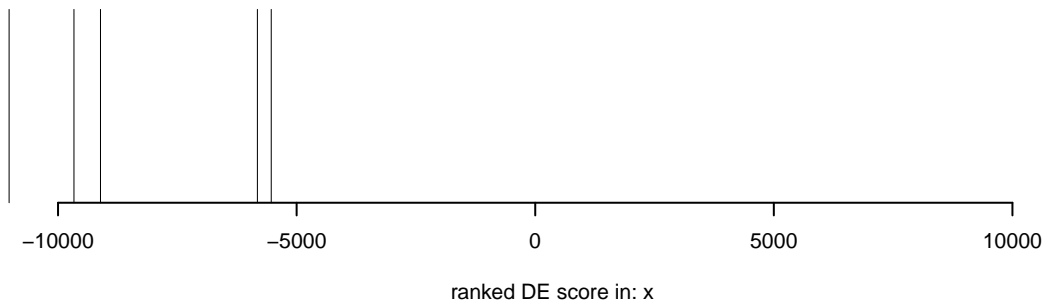
beeswarm plot



histogram



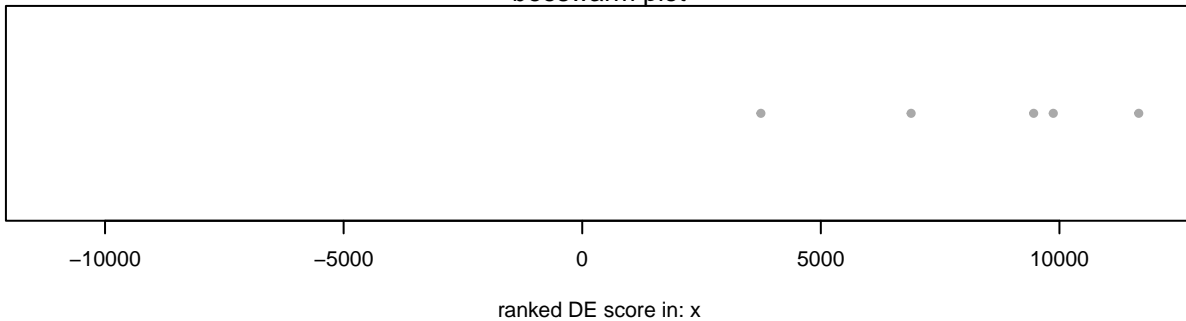
rugplot



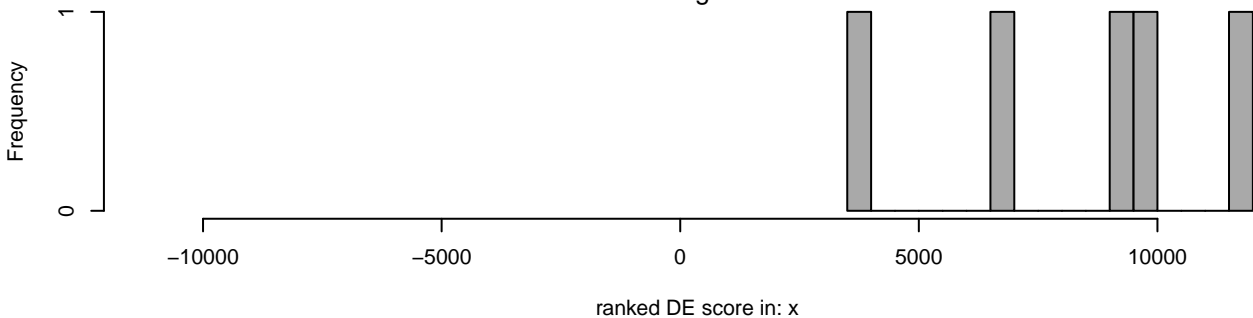


# REGULATION OF T CELL EXTRAVASATION

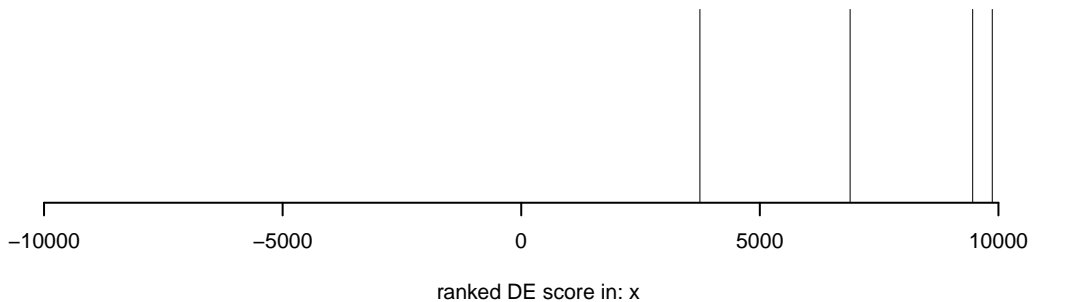
beeswarm plot



histogram

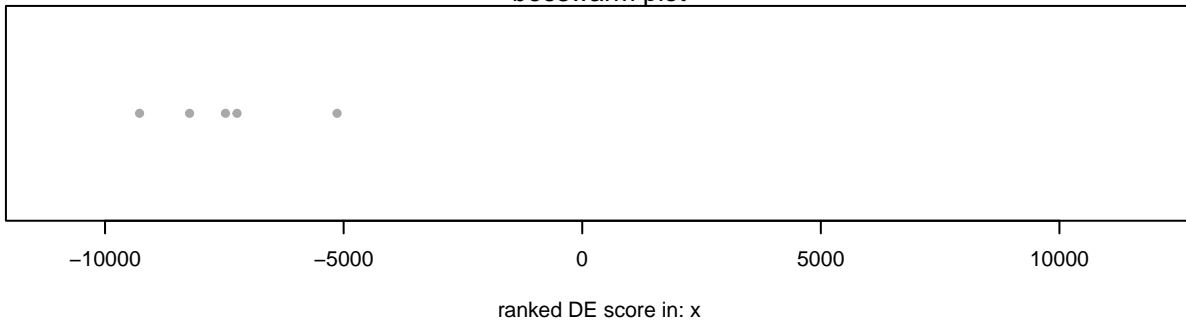


rugplot

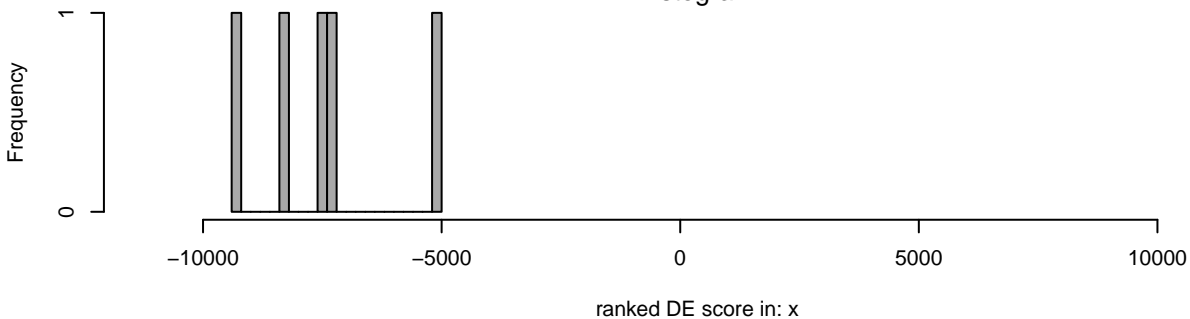


# GALACTOSE CATABOLIC PROCESS

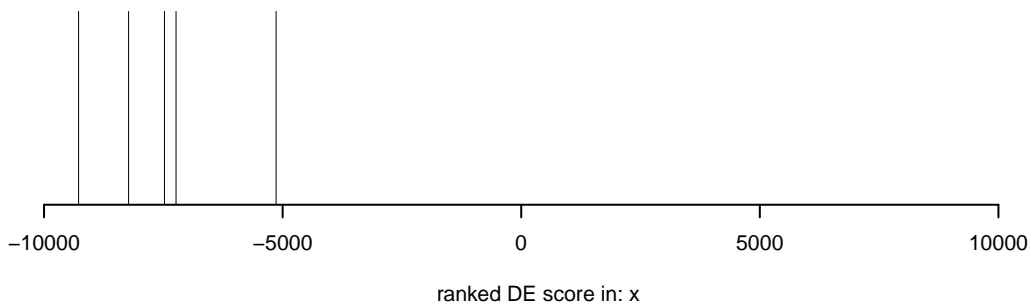
beeswarm plot



histogram

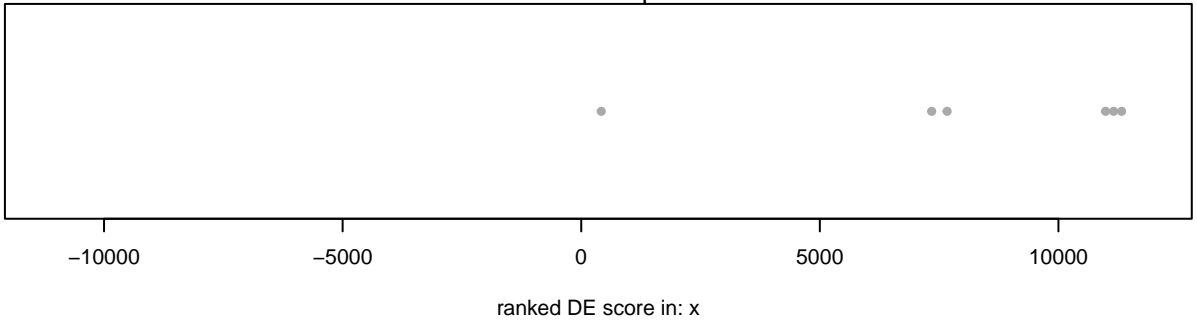


rugplot

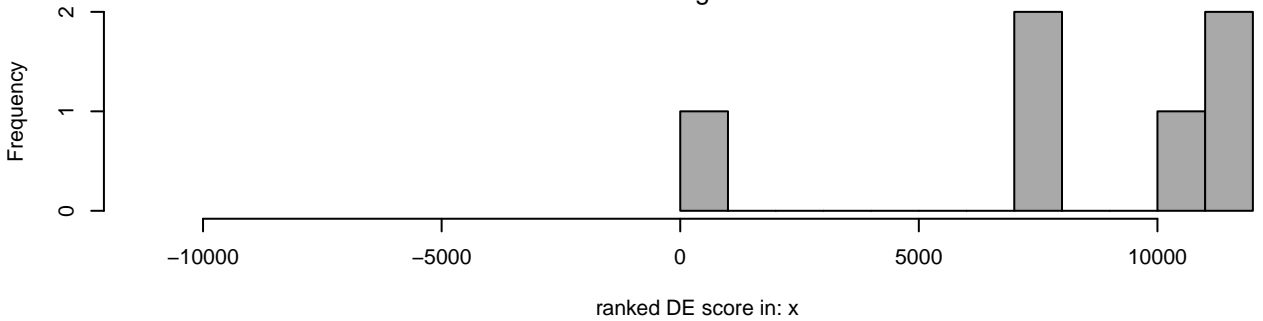


# INDUCTION OF BACTERIAL AGGLUTINATION

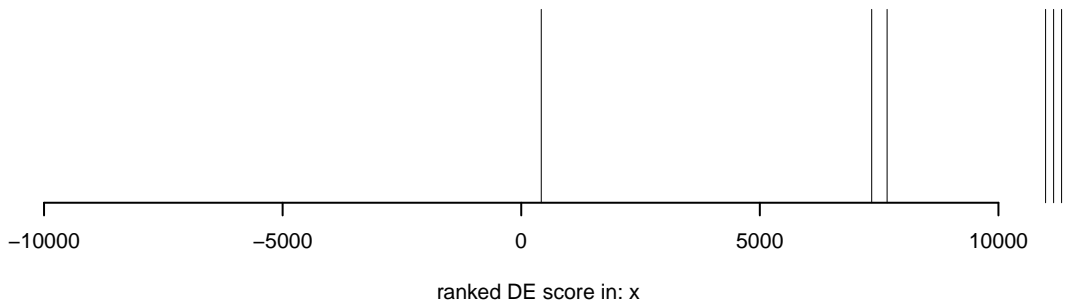
beeswarm plot



histogram

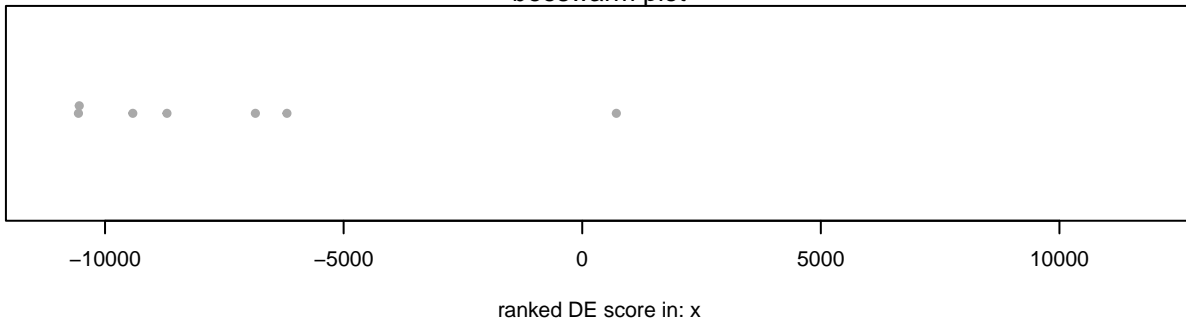


rugplot

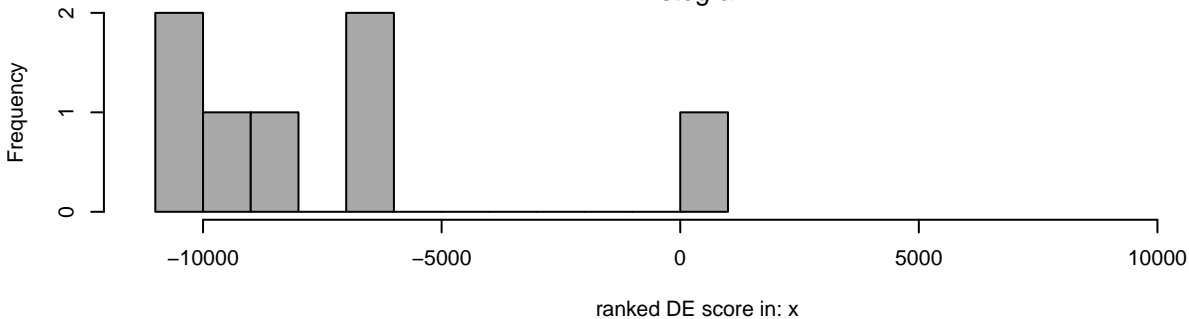


# REGULATION OF SUPEROXIDE DISMUTASE ACTIVITY

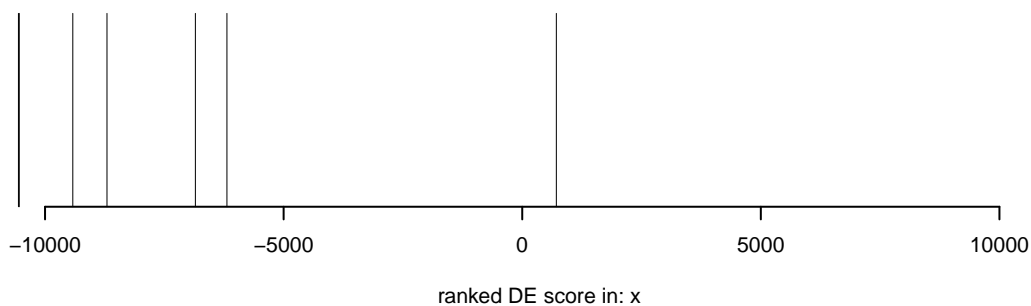
beeswarm plot



histogram

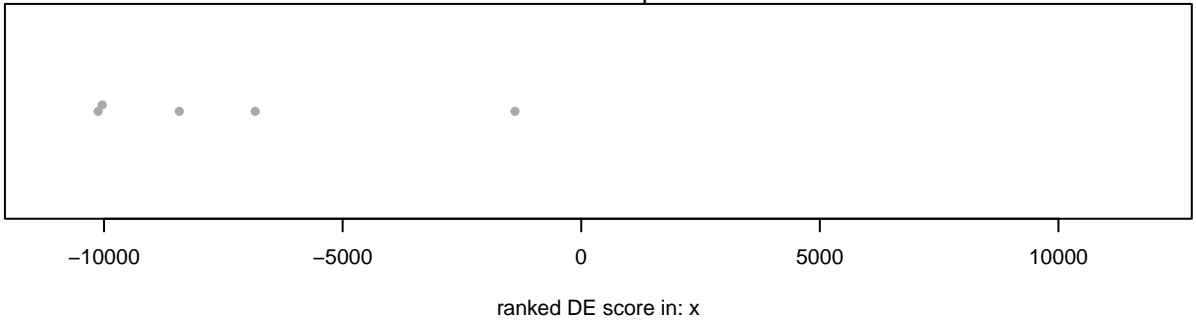


rugplot

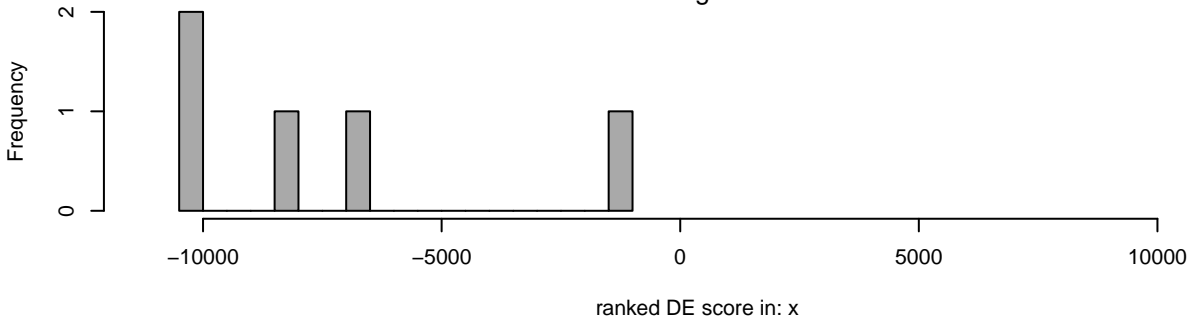


# CELLULAR RESPONSE TO SODIUM ARSENITE

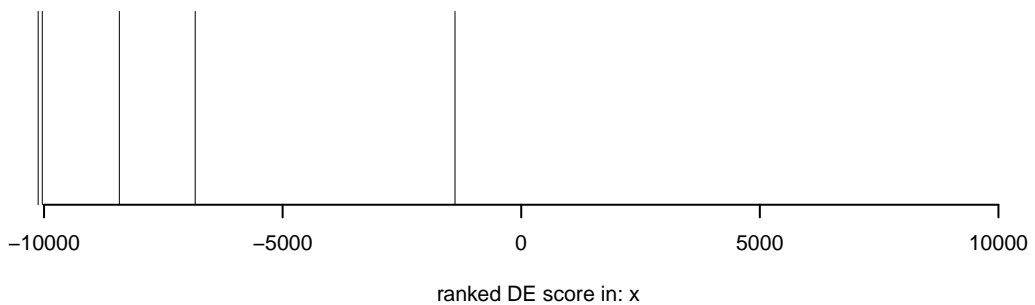
beeswarm plot



histogram

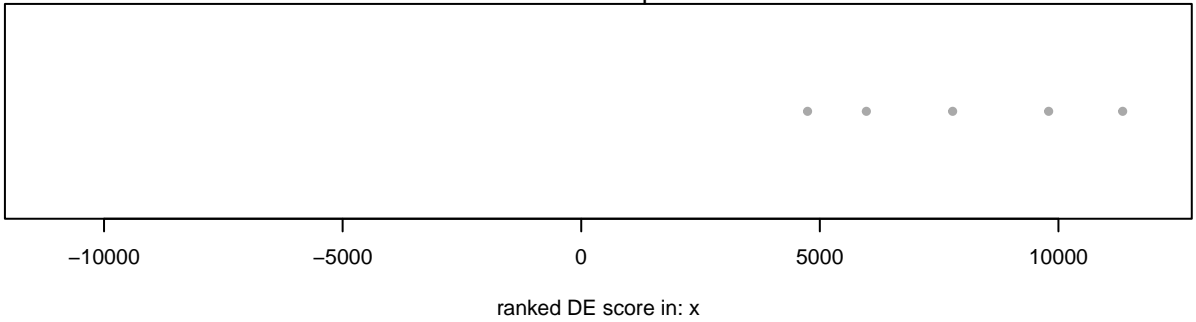


rugplot

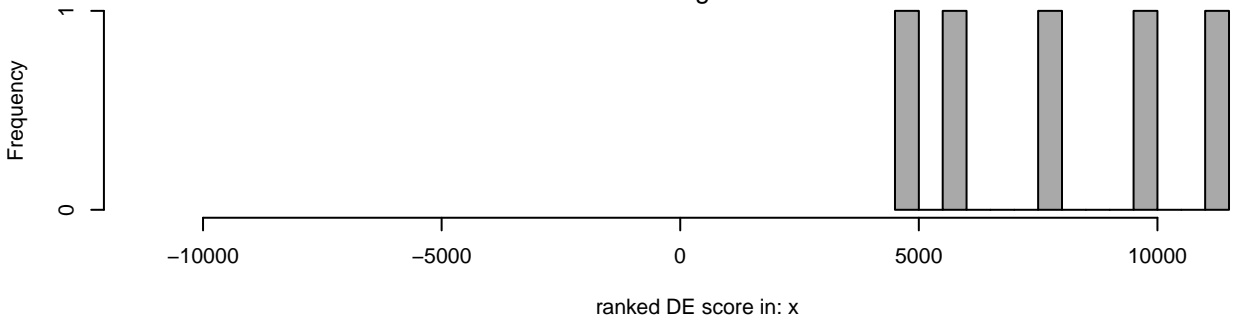


# POSITIVE REGULATION OF RAC PROTEIN SIGNAL TRANSDUCTION

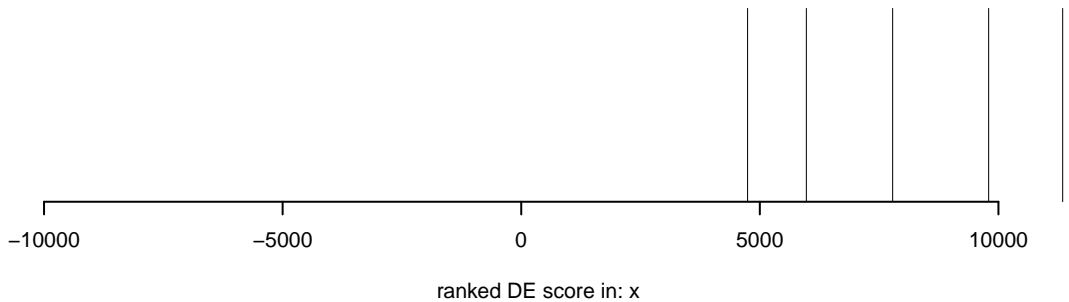
beeswarm plot



histogram

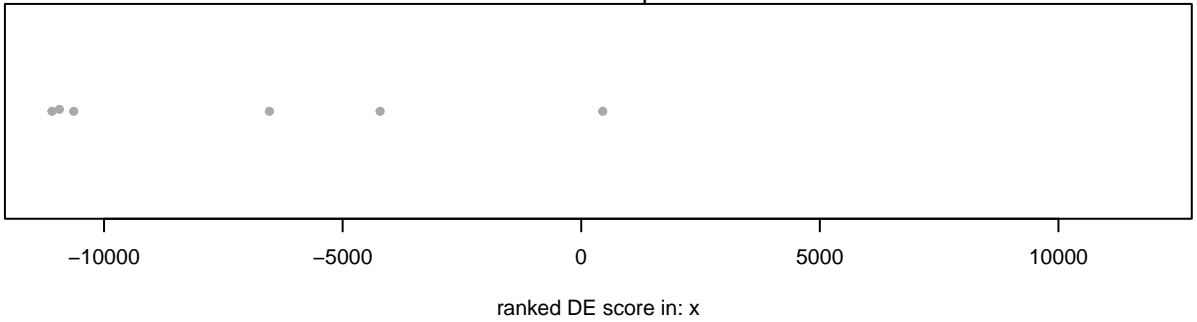


rugplot

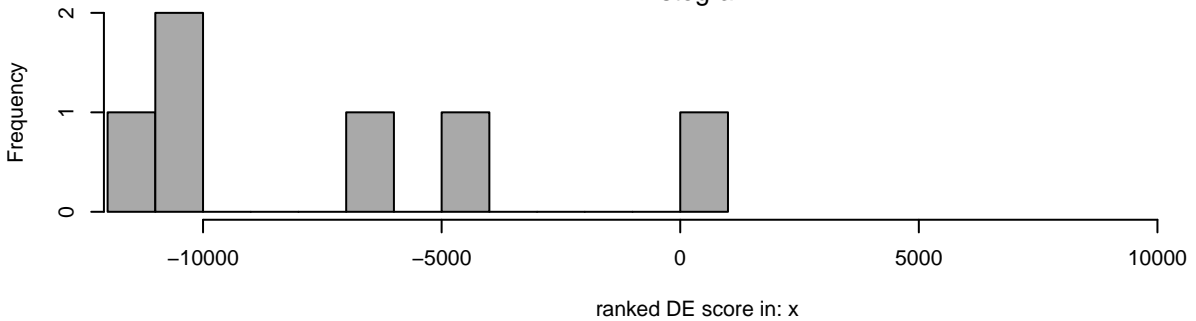


# LOBAR BRONCHUS DEVELOPMENT

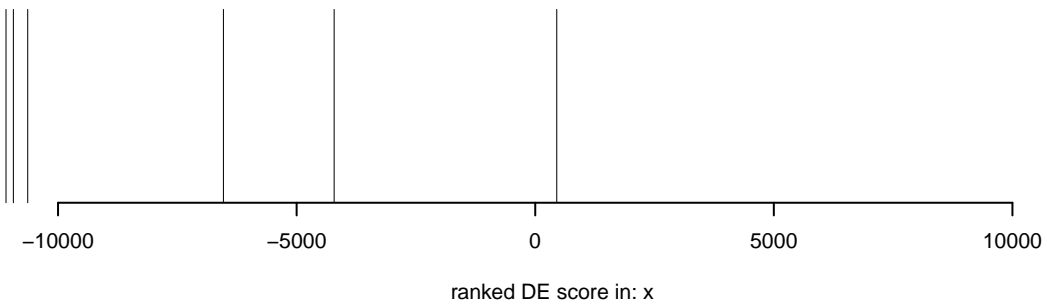
beeswarm plot



histogram

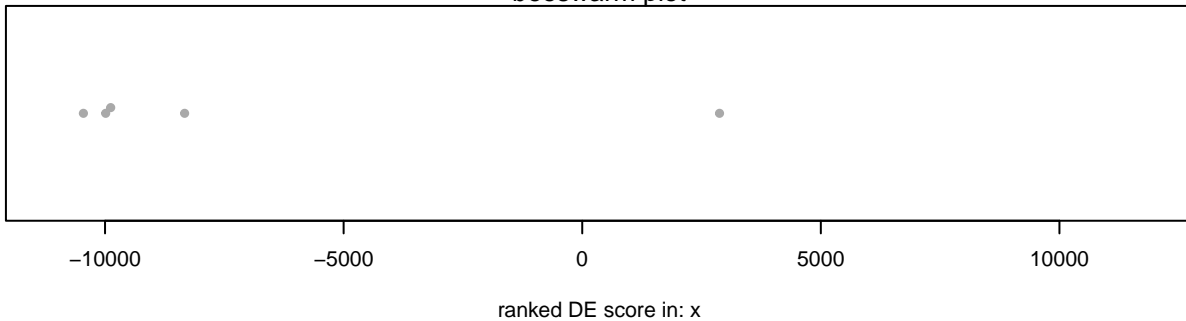


rugplot

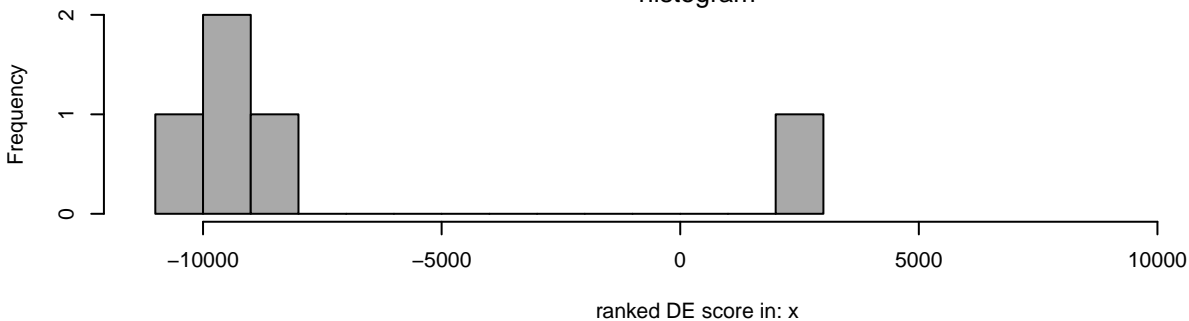


# PROXIMAL DISTAL PATTERN FORMATION INVOLVED IN NEPHRON DEVELOPMENT

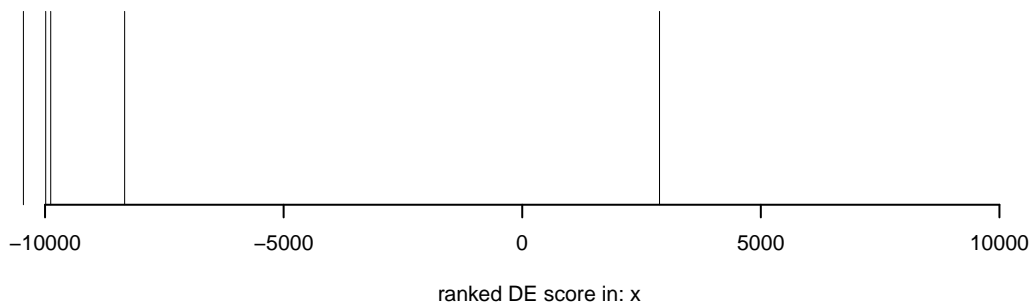
beeswarm plot



histogram



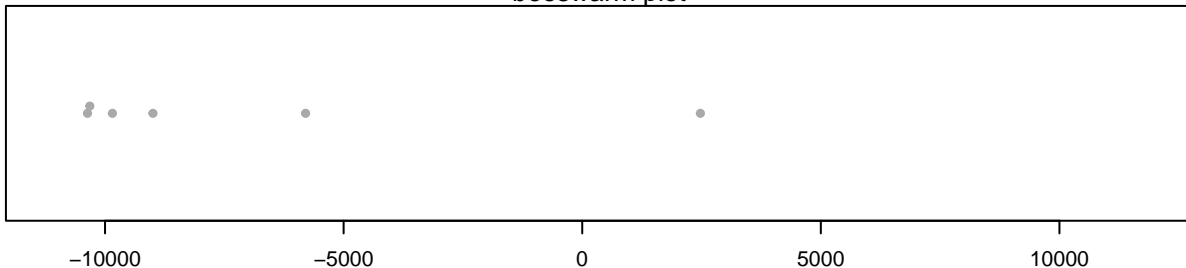
rugplot





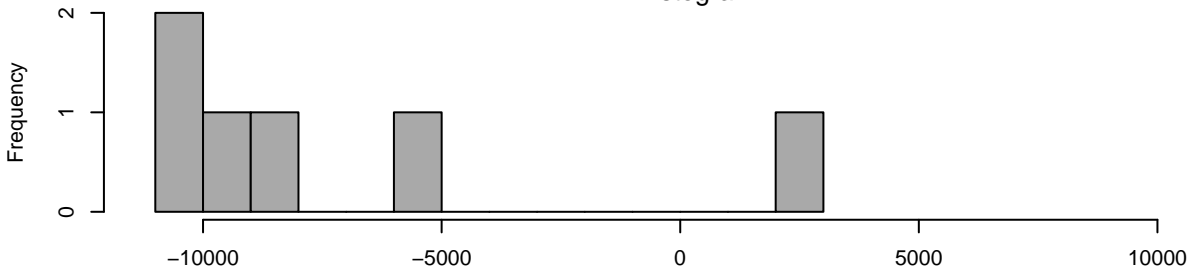
# REGULATION OF LONG CHAIN FATTY ACID IMPORT ACROSS PLASMA MEMBRANE

beeswarm plot



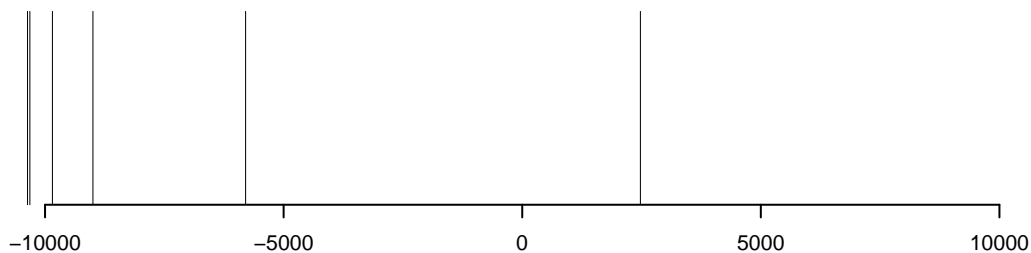
ranked DE score in: x

histogram



ranked DE score in: x

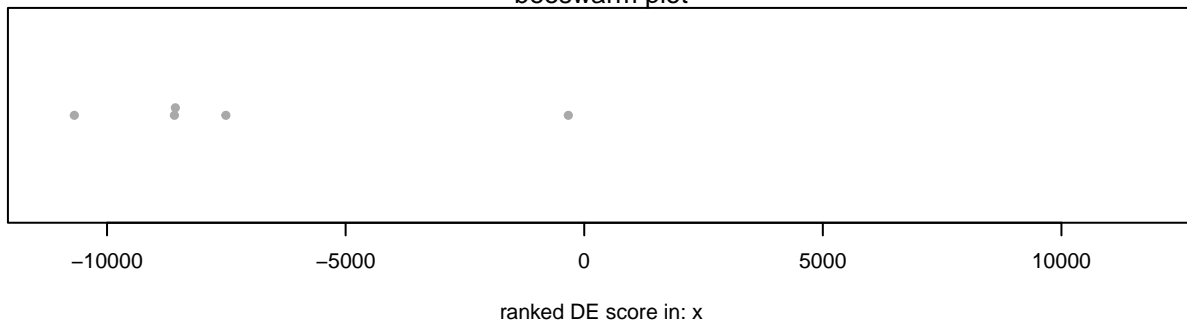
rugplot



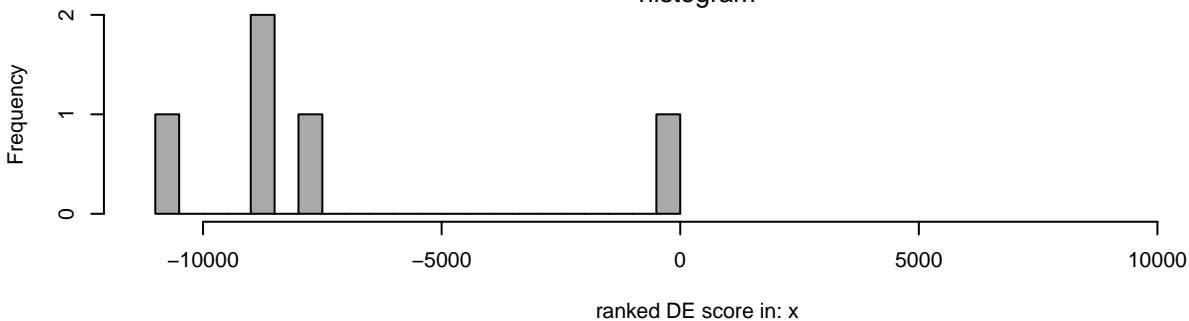
ranked DE score in: x

# POSITIVE REGULATION OF PROTEOGLYCAN BIOSYNTHETIC PROCESS

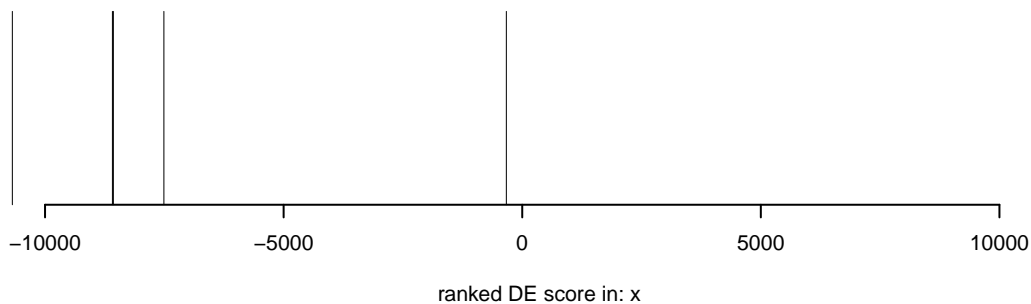
beeswarm plot



histogram

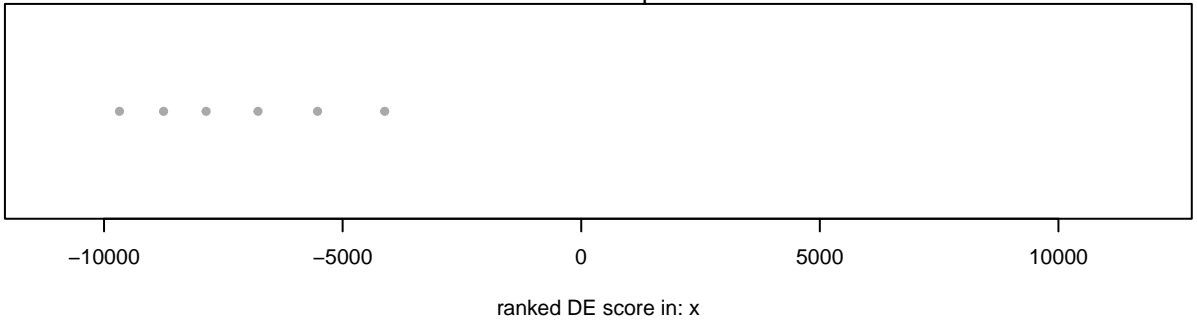


rugplot

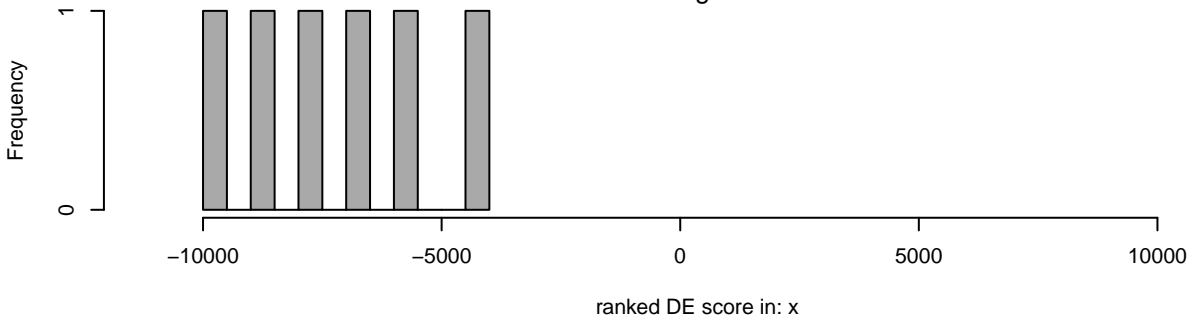


# DNA METHYLATION ON CYTOSINE

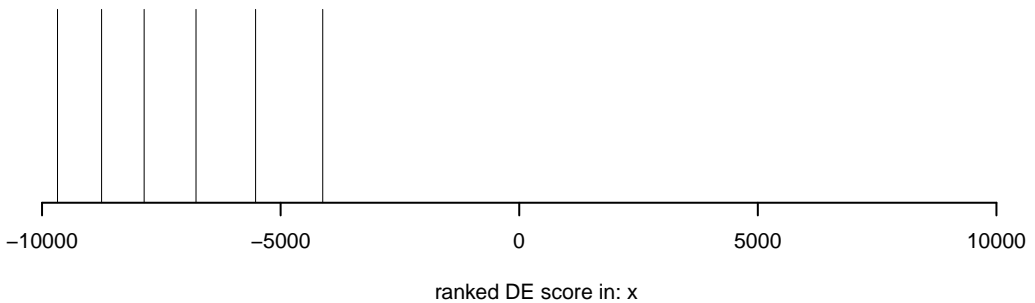
beeswarm plot



histogram

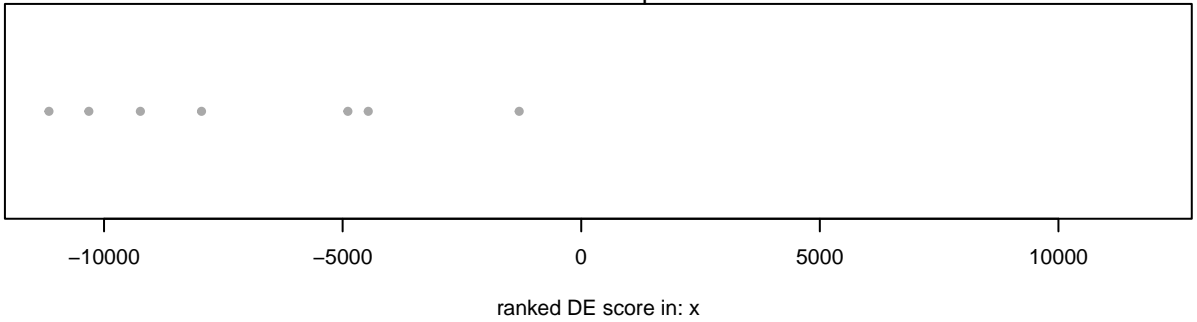


rugplot

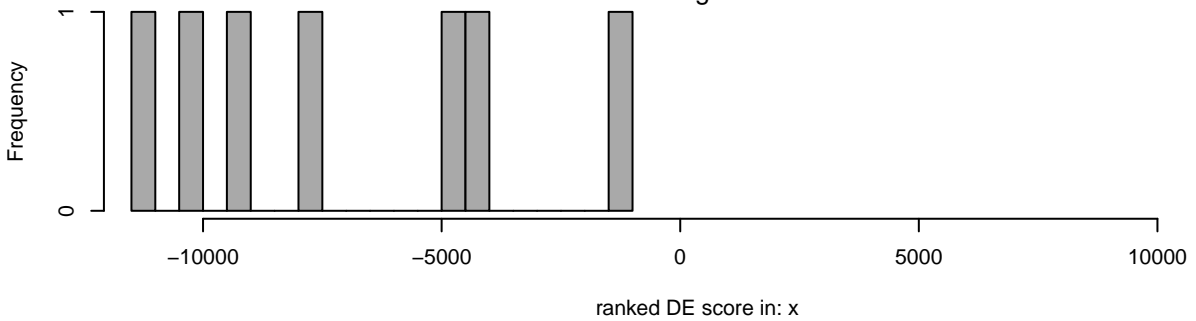


# MODULATION BY VIRUS OF HOST PROCESS

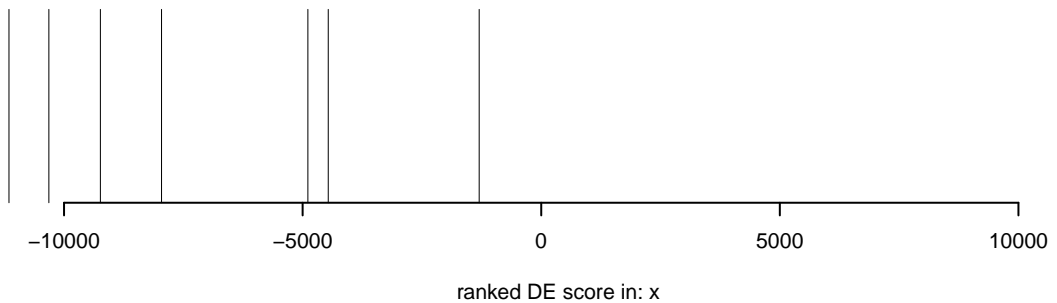
beeswarm plot



histogram

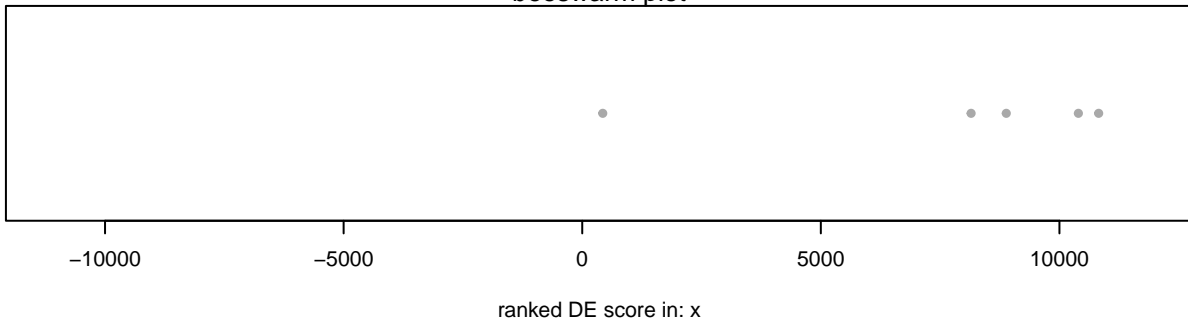


rugplot

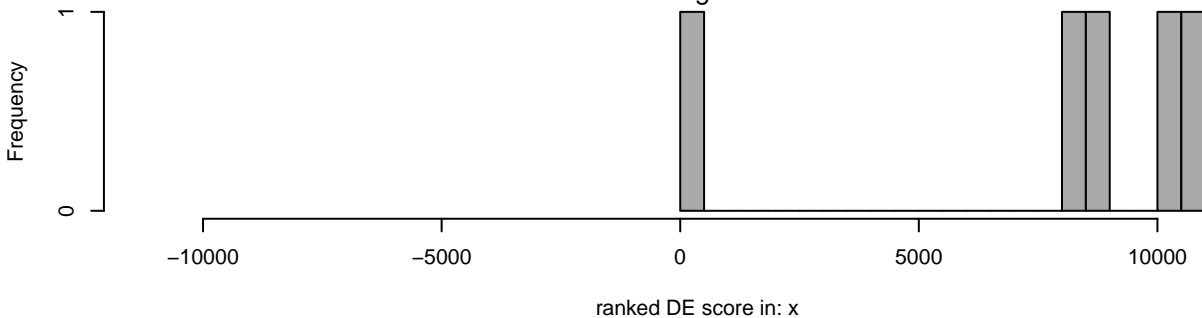


# FC RECEPTOR MEDIATED INHIBITORY SIGNALING PATHWAY

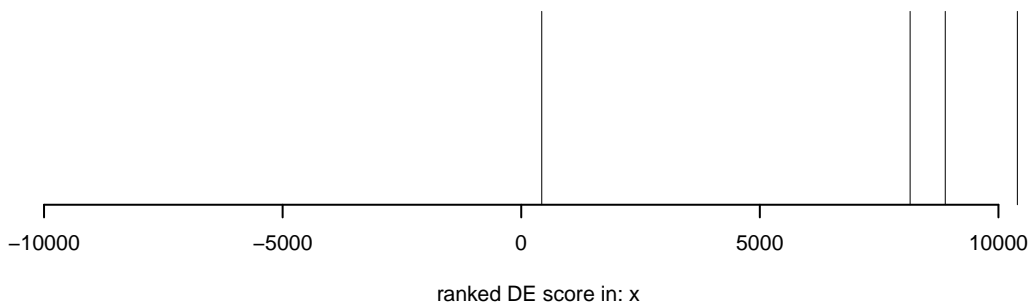
beeswarm plot



histogram

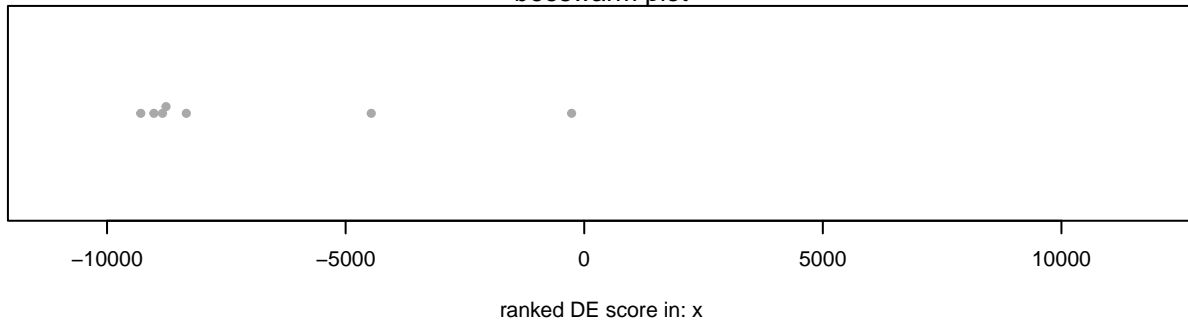


rugplot

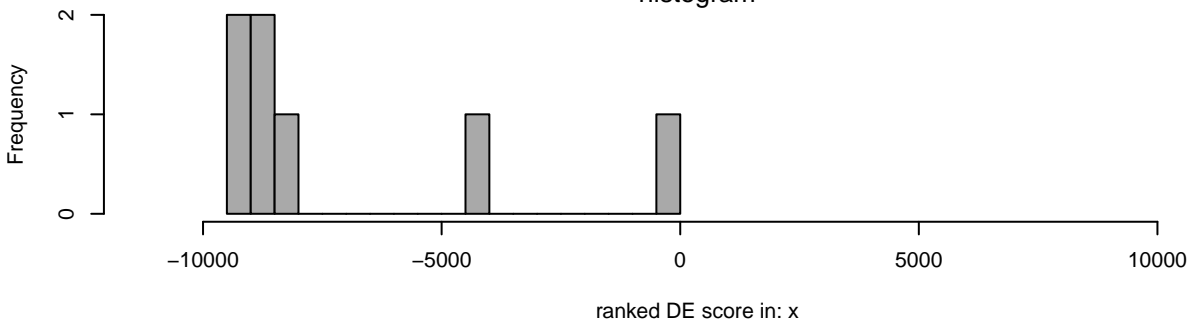


# NEGATIVE REGULATION OF PHOSPHOLIPID METABOLIC PROCESS

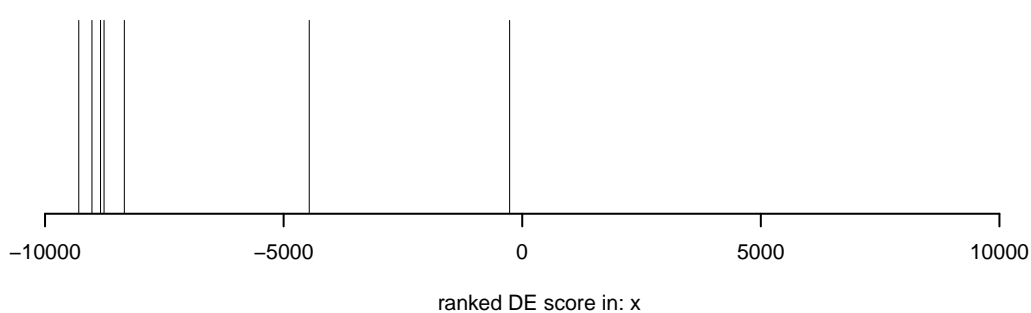
beeswarm plot



histogram

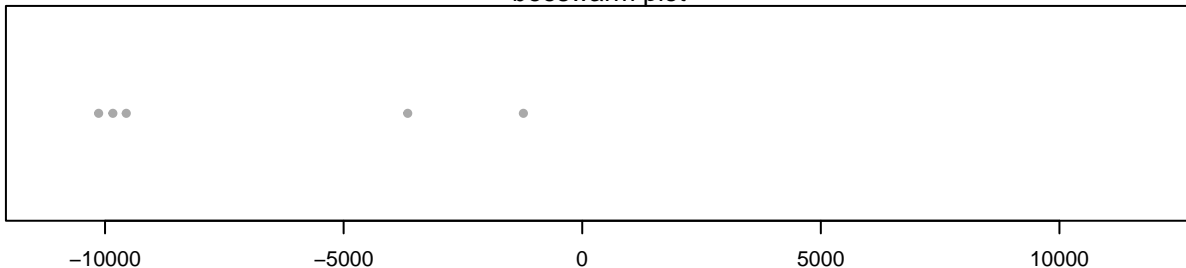


rugplot



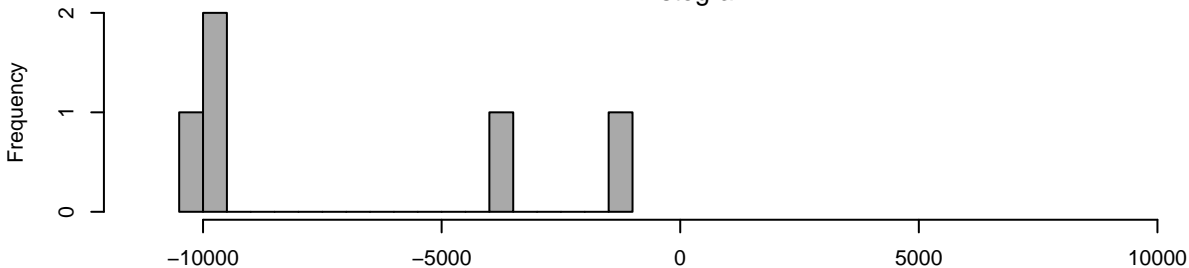
# REGULATION OF MIDBRAIN DOPAMINERGIC NEURON DIFFERENTIATION

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

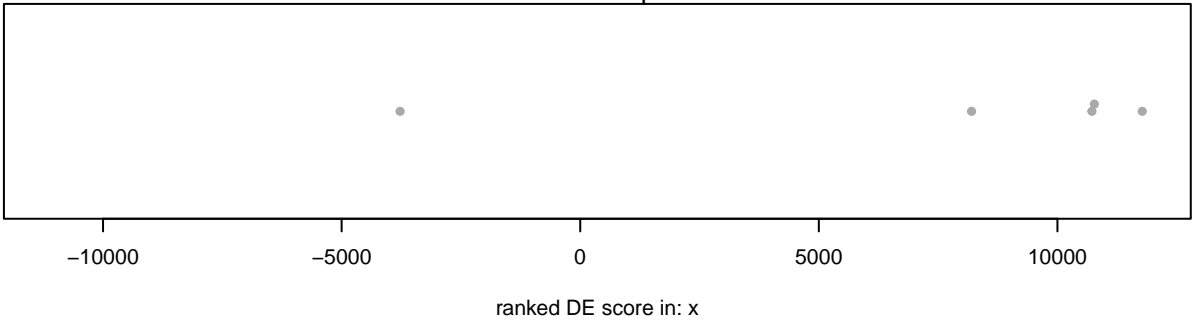
rugplot



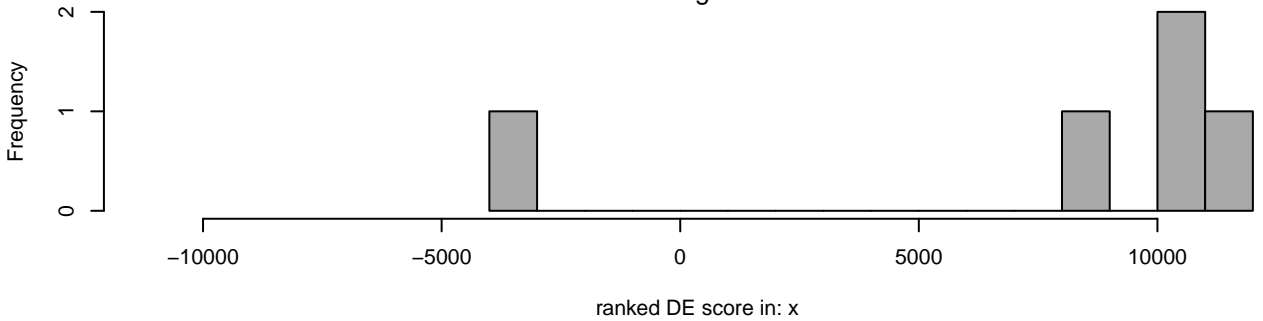
ranked DE score in: x

# LEUKOTRIENE B4 METABOLIC PROCESS

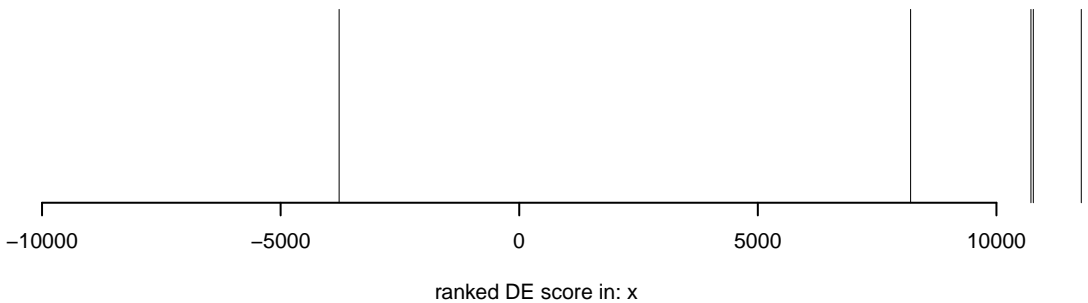
beeswarm plot



histogram



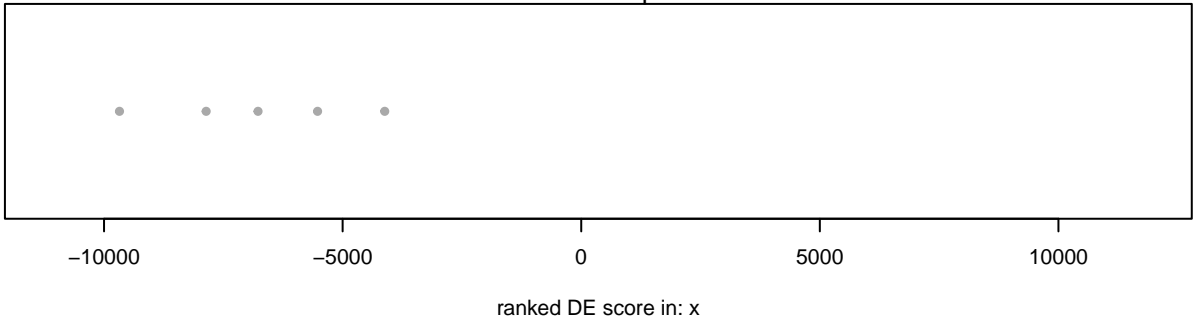
rugplot



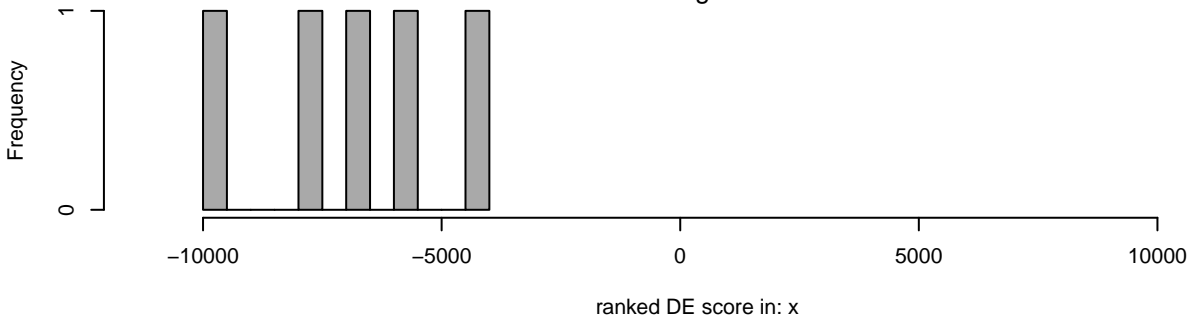


# C 5 METHYLATION OF CYTOSINE

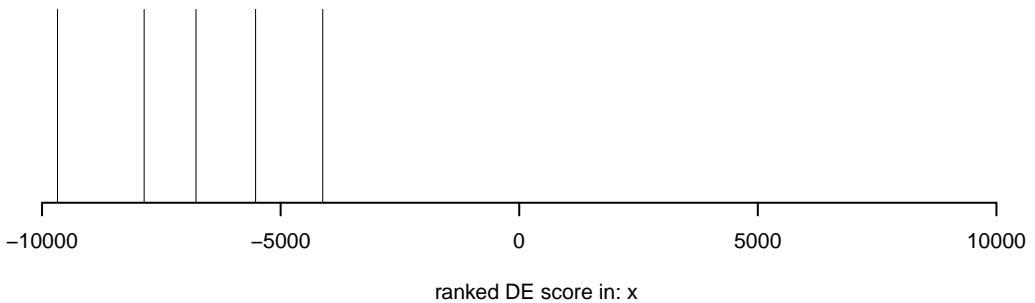
beeswarm plot



histogram

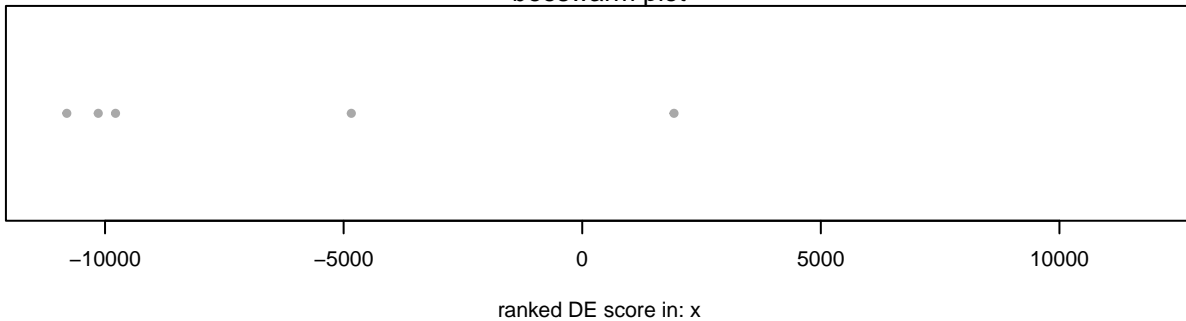


rugplot

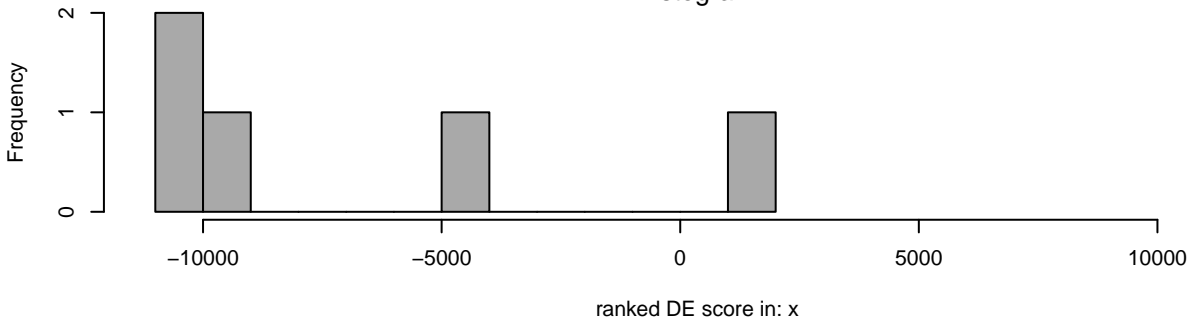


# GLOSSOPHARYNGEAL NERVE DEVELOPMENT

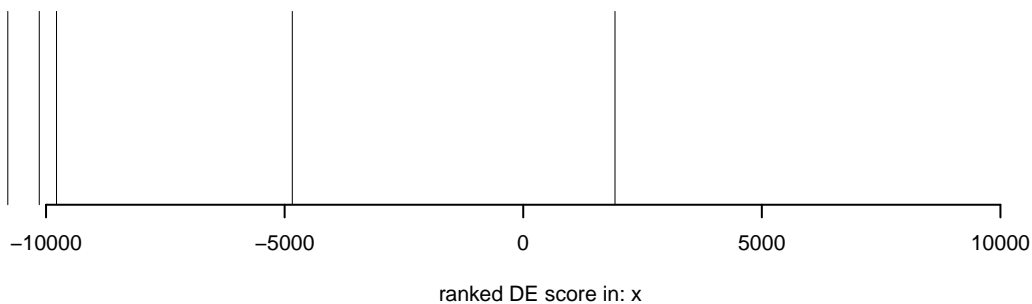
beeswarm plot



histogram

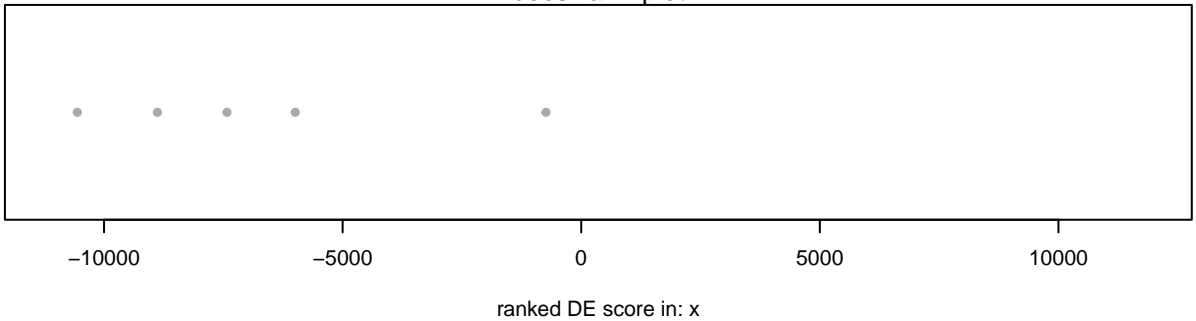


rugplot

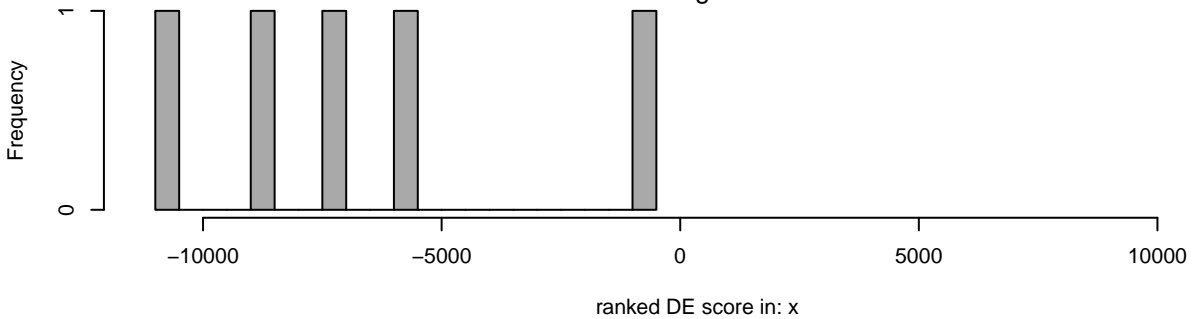


# PYRIMIDINE NUCLEOSIDE BIOSYNTHETIC PROCESS

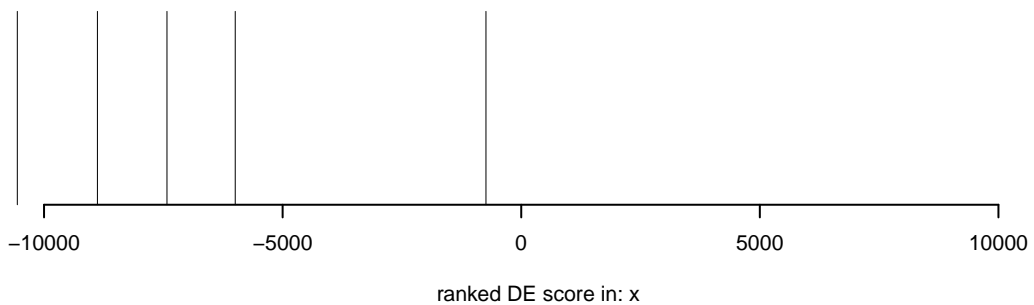
beeswarm plot



histogram

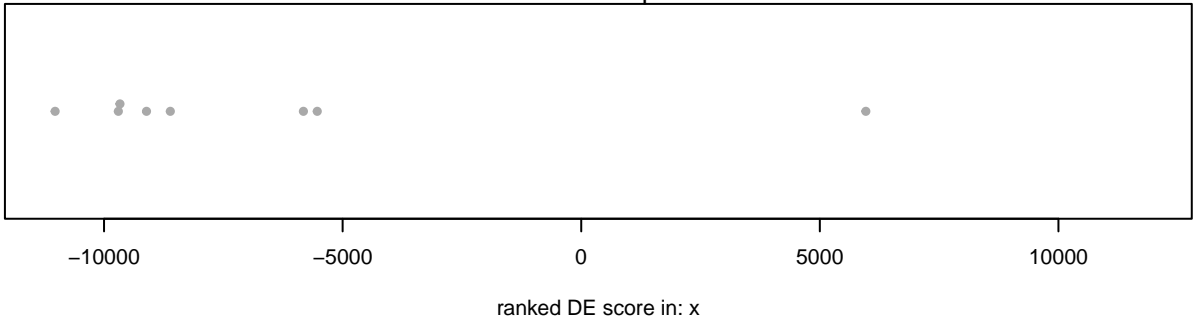


rugplot

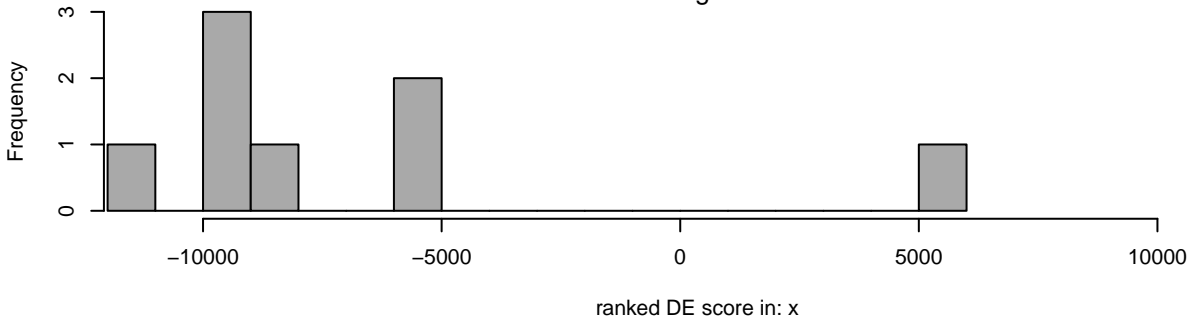


# CELL MOTILITY INVOLVED IN CEREBRAL CORTEX RADIAL GLIA GUIDED MIGRATION

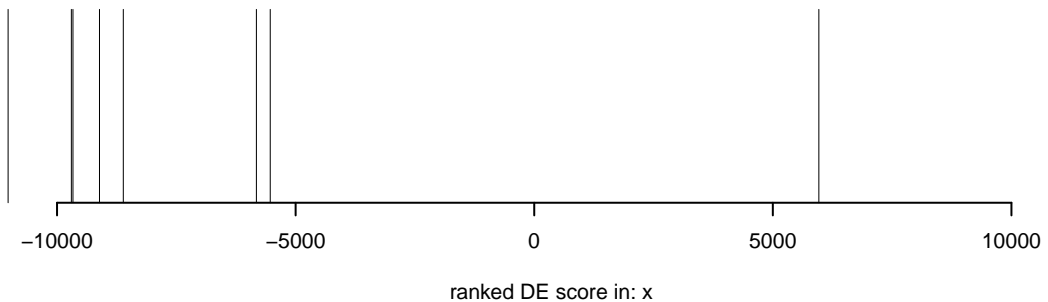
beeswarm plot



histogram

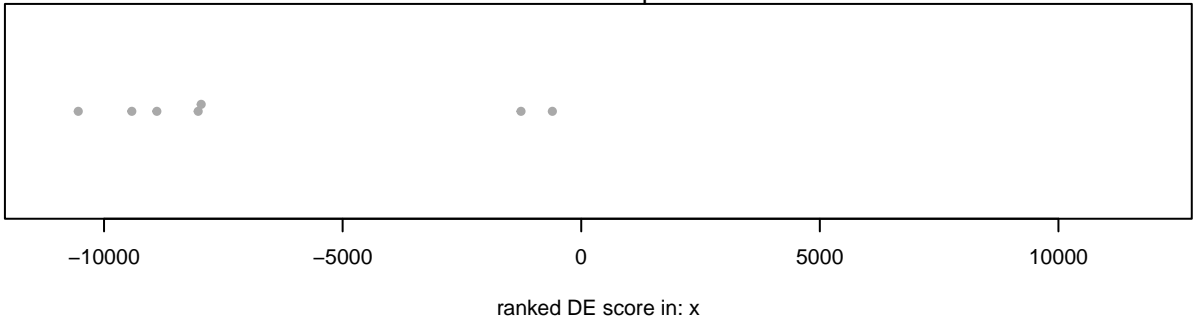


rugplot

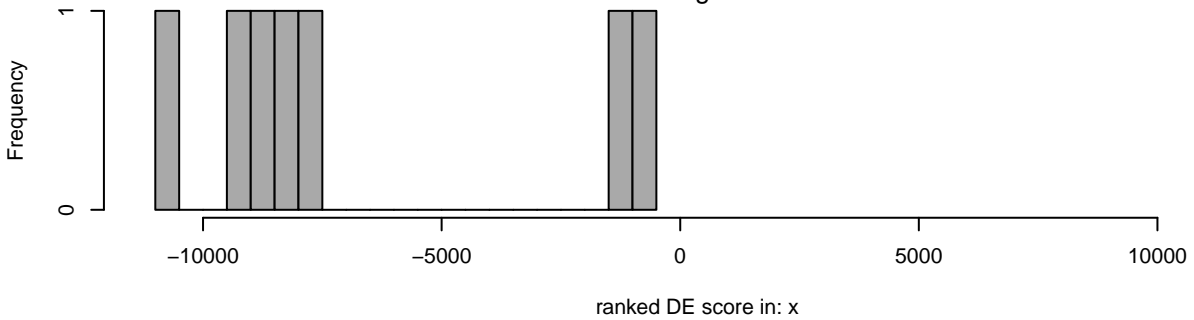


# NEGATIVE REGULATION OF ATP METABOLIC PROCESS

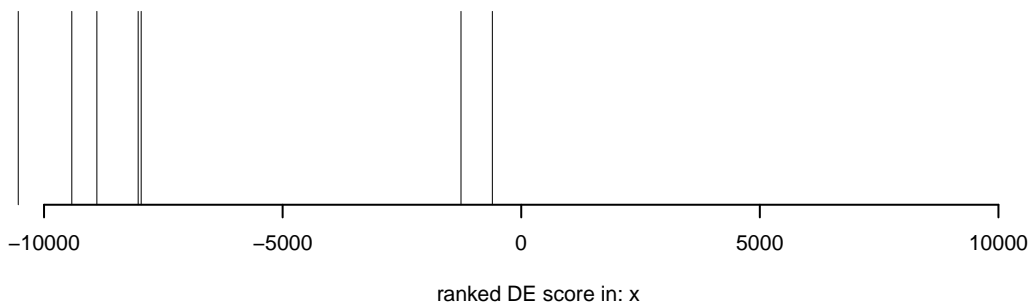
beeswarm plot



histogram

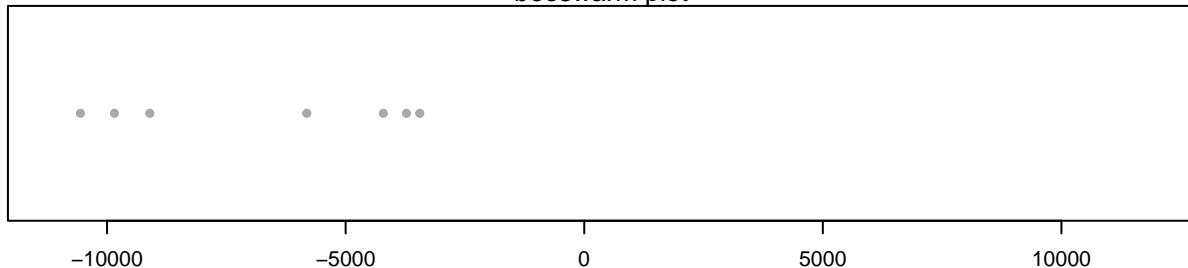


rugplot



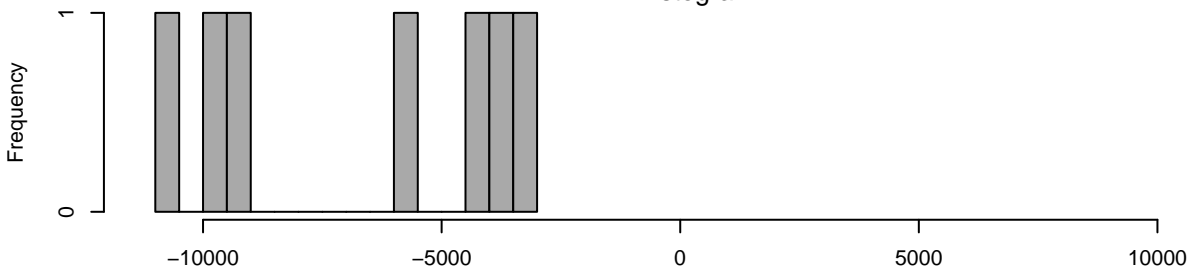
# RETINAL CELL APOPTOTIC PROCESS

beeswarm plot



ranked DE score in: x

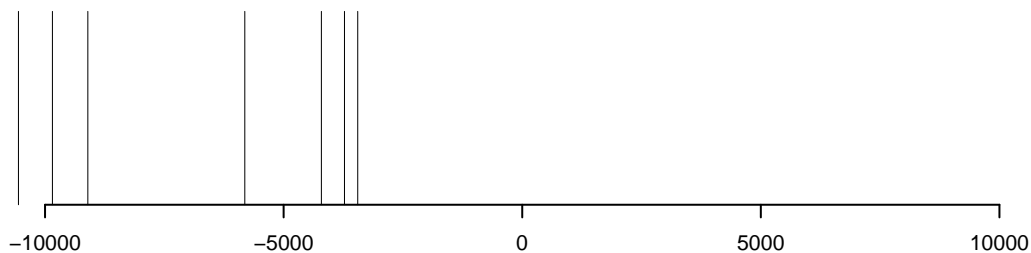
histogram



Frequency

ranked DE score in: x

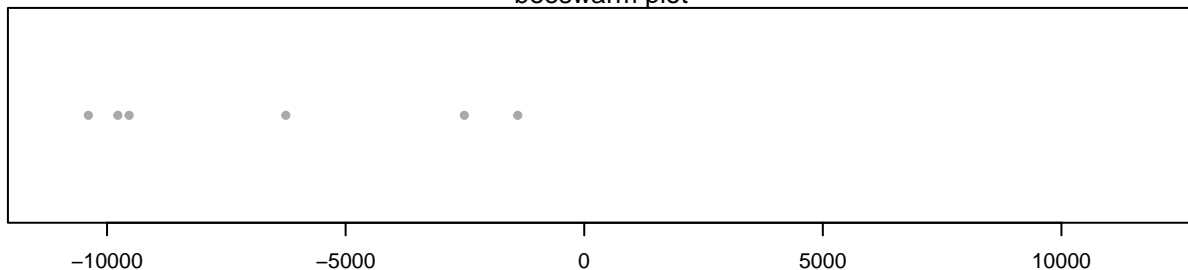
rugplot



ranked DE score in: x

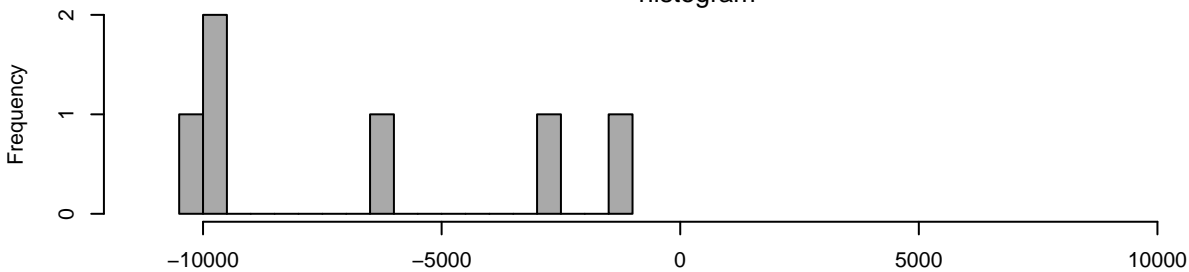
# DIFFERENTIAL REGULATION OF PLATELET DERIVED GROWTH FACTOR RECEPTOR SIGNALING P

beeswarm plot



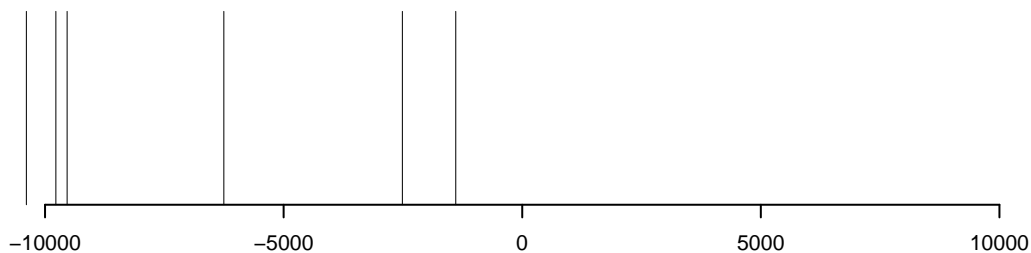
ranked DE score in: x

histogram



ranked DE score in: x

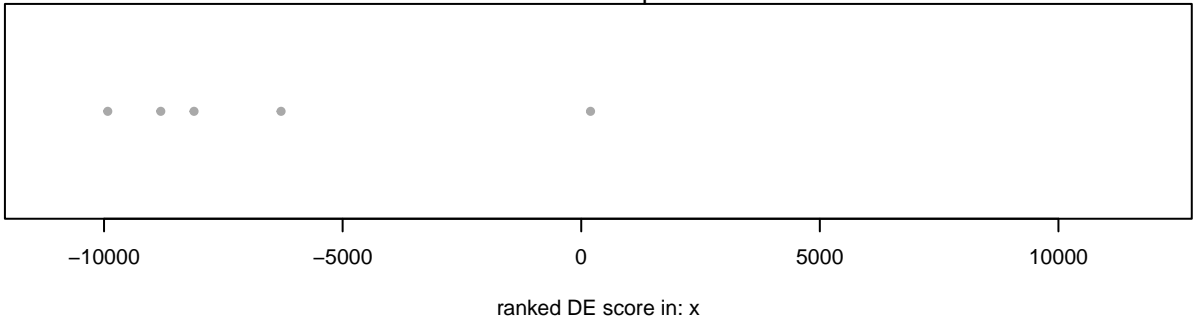
rugplot



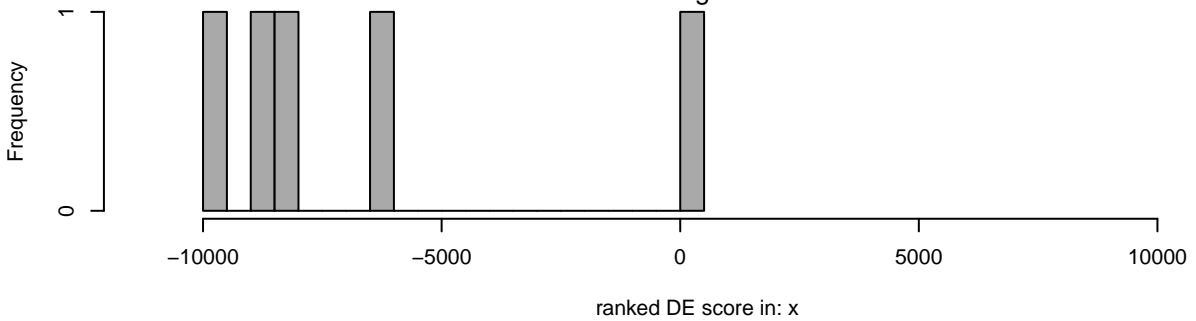
ranked DE score in: x

# EXOCYST LOCALIZATION

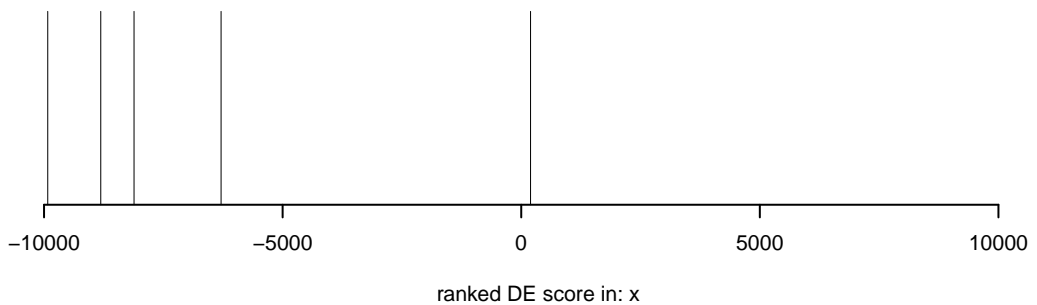
beeswarm plot



histogram



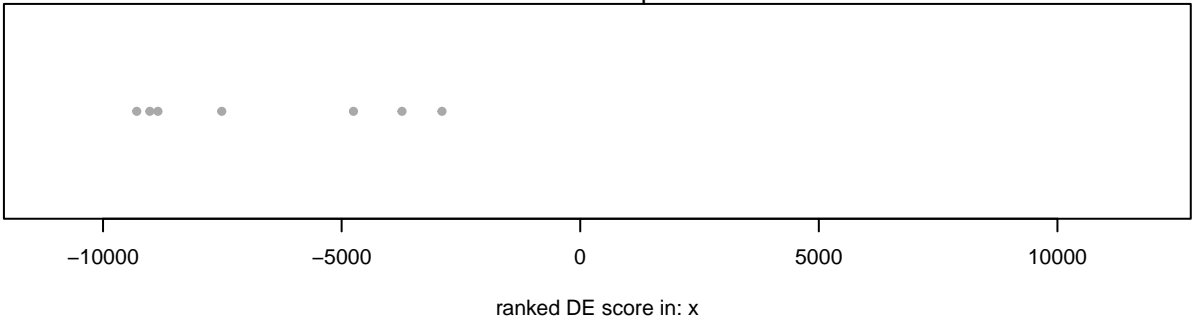
rugplot



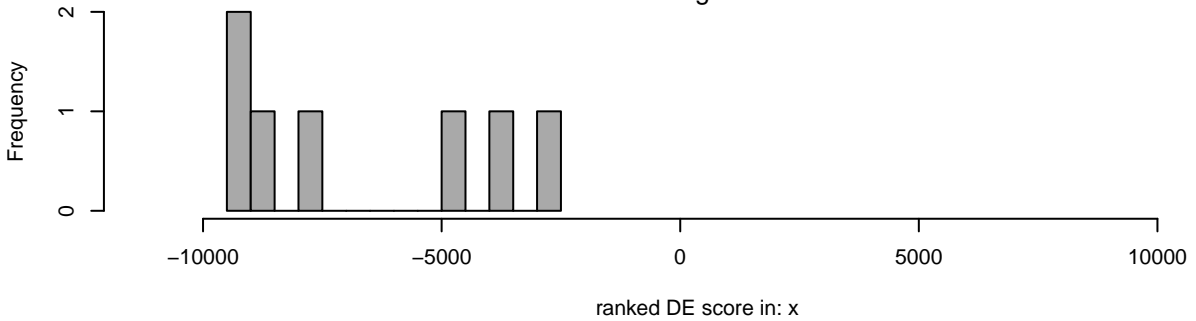


# CARDIOLIPIN BIOSYNTHETIC PROCESS

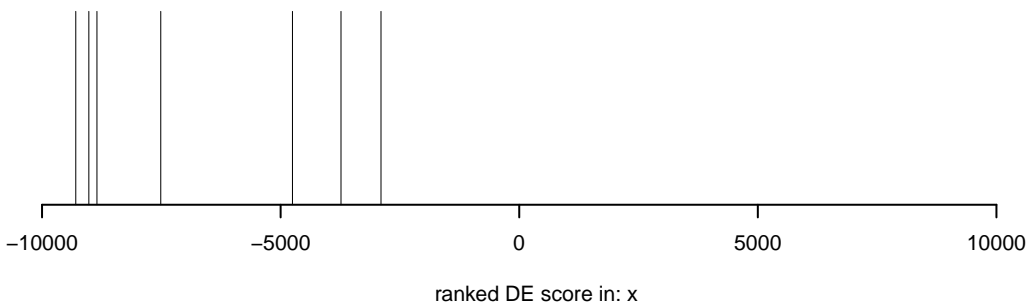
beeswarm plot



histogram

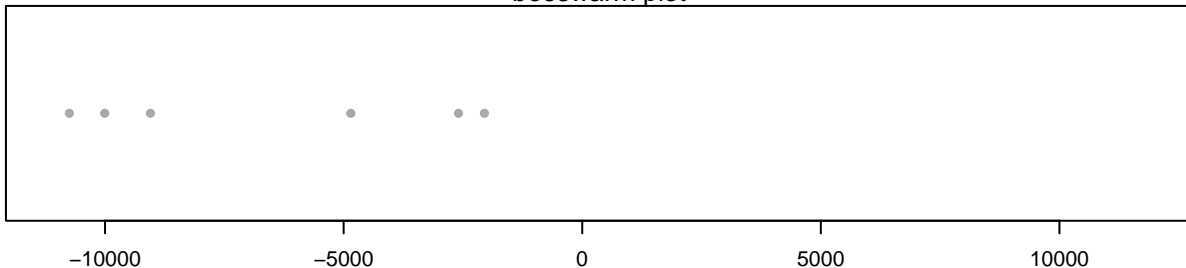


rugplot



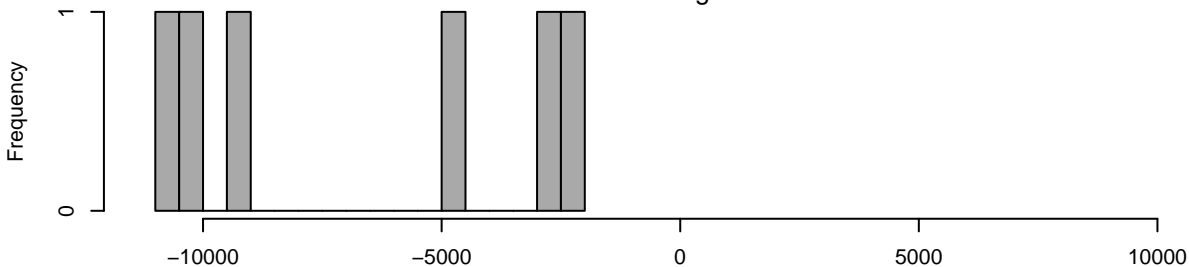
# REGULATION OF SYSTEMIC ARTERIAL BLOOD PRESSURE BY ENDOTHELIN

beeswarm plot



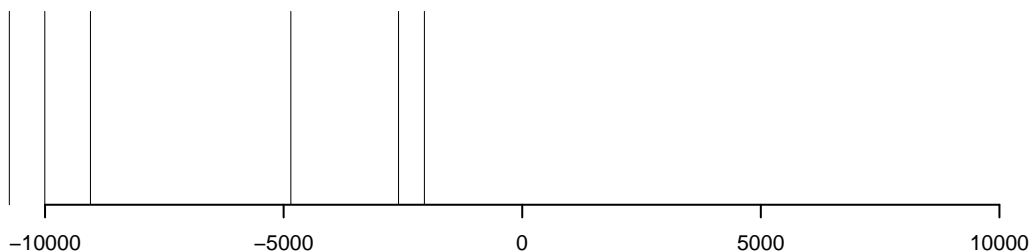
ranked DE score in: x

histogram



ranked DE score in: x

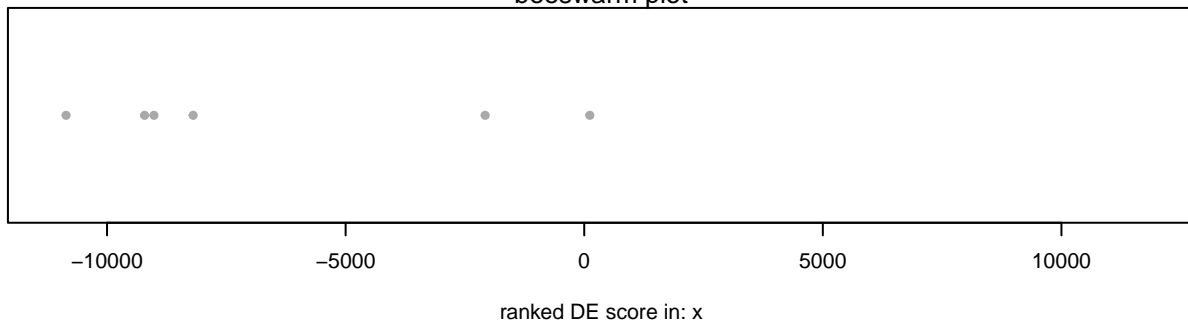
rugplot



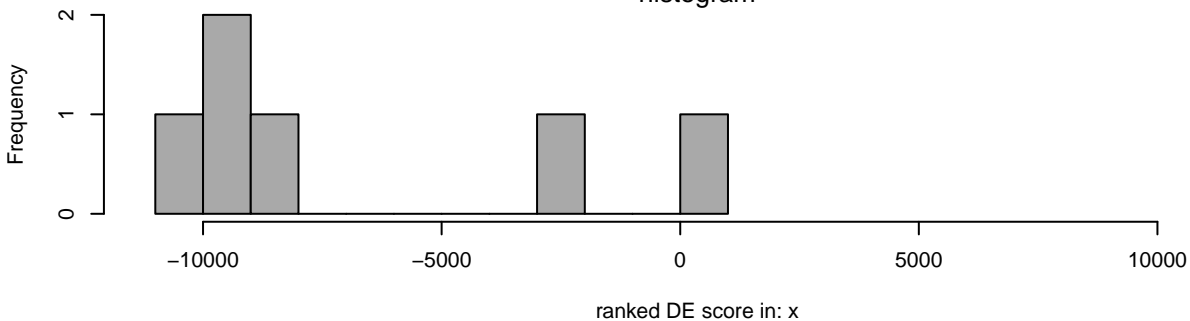
ranked DE score in: x

# REGULATION OF RECEPTOR MEDIATED ENDOCYTOSIS INVOLVED IN CHOLESTEROL TRAN

beeswarm plot



histogram

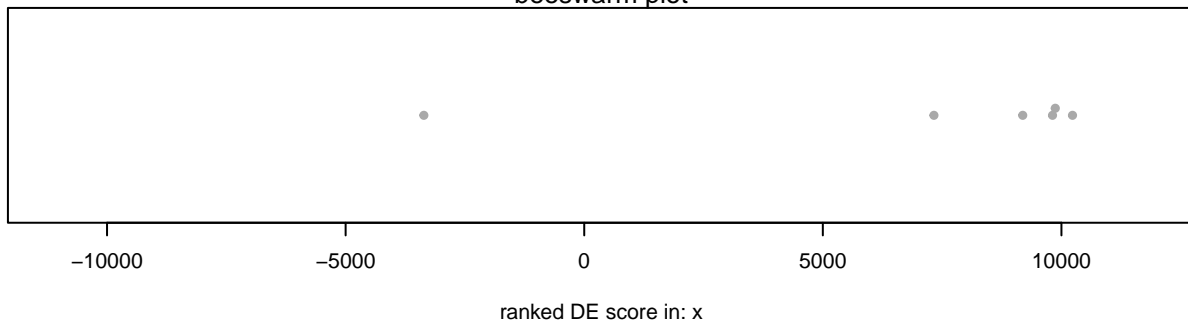


rugplot

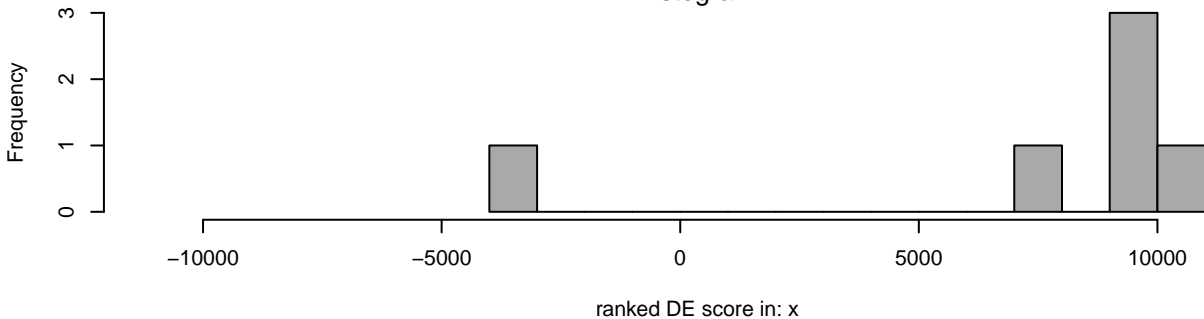


# NEGATIVE REGULATION OF T CELL MIGRATION

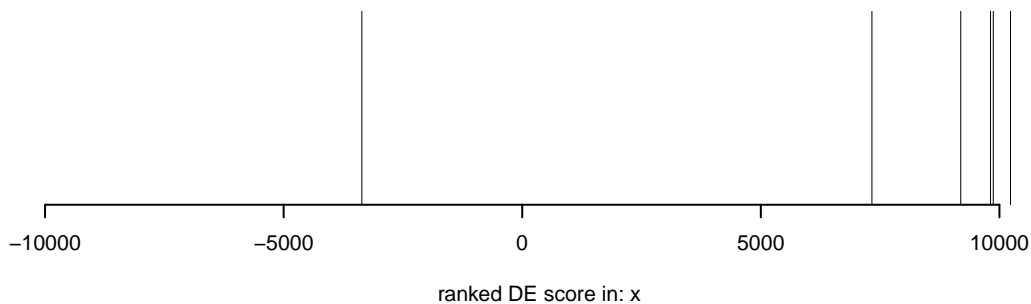
beeswarm plot



histogram

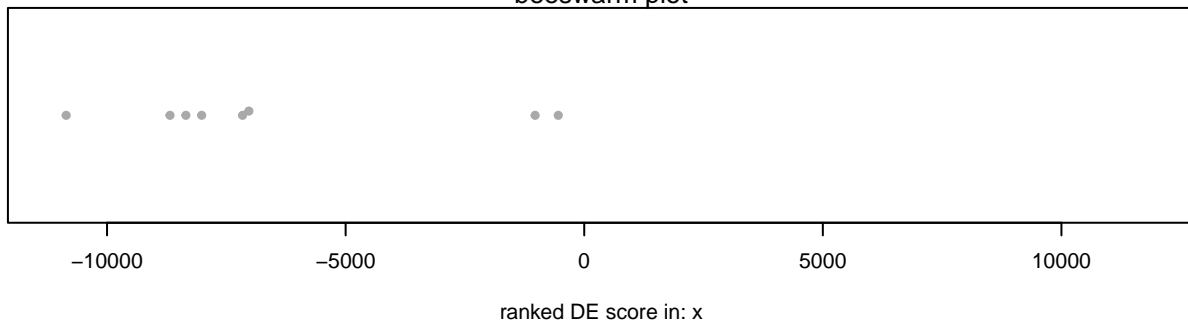


rugplot

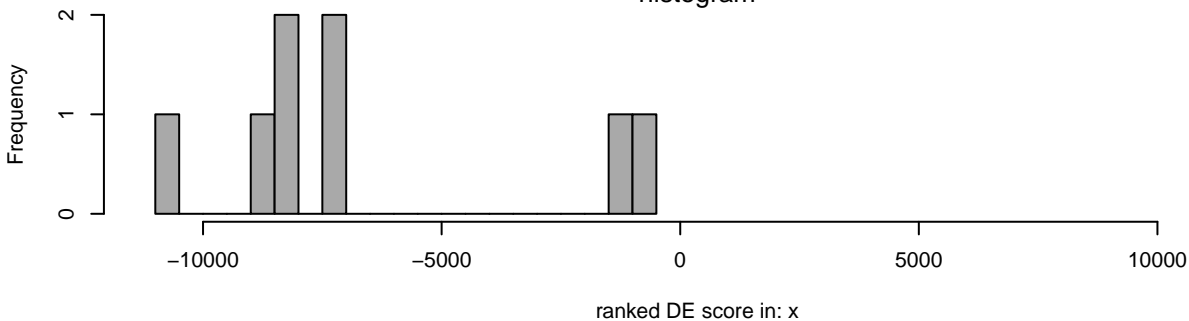


# REGULATION OF PHOSPHATIDYLINOSITOL 3 KINASE ACTIVITY

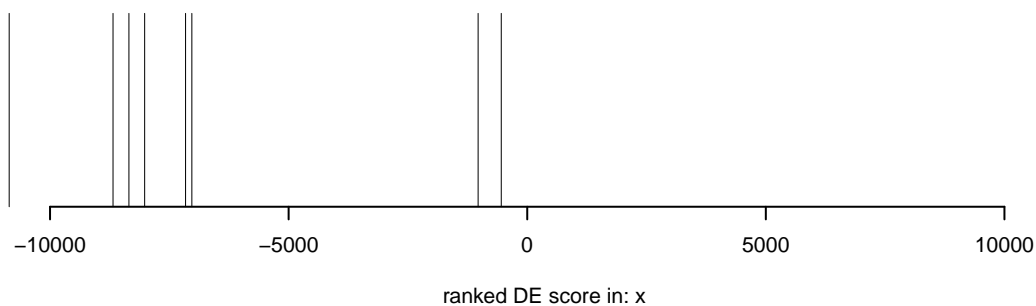
beeswarm plot



histogram

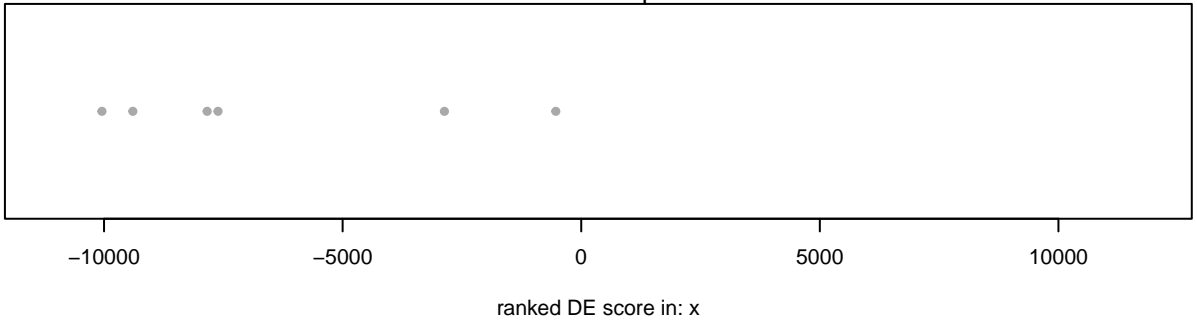


rugplot

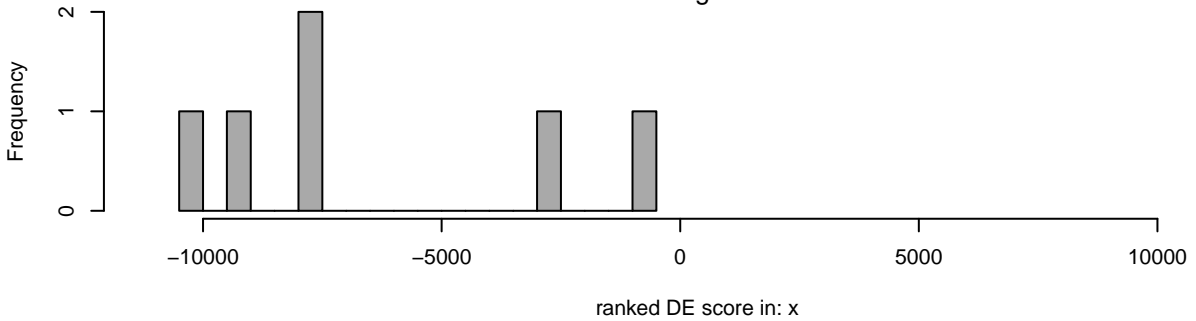


# KETONE BODY BIOSYNTHETIC PROCESS

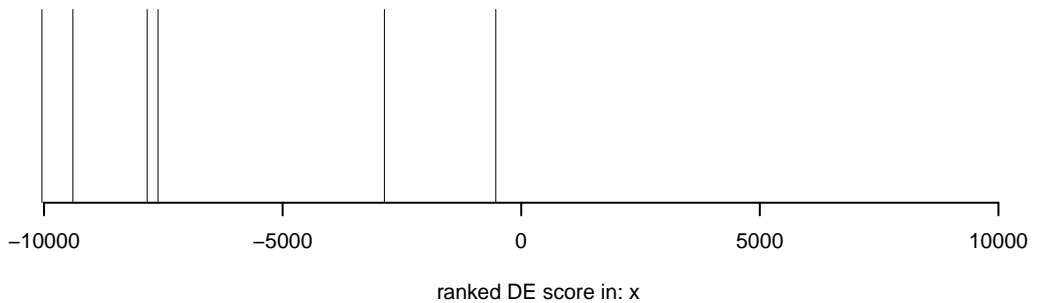
beeswarm plot



histogram

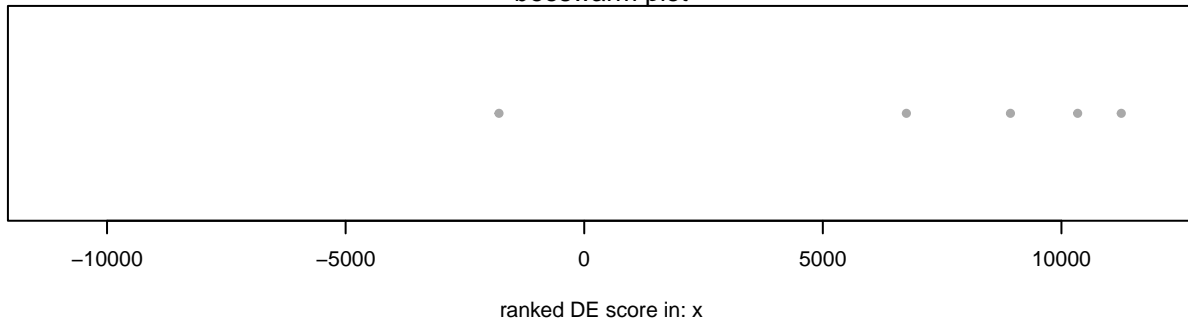


rugplot

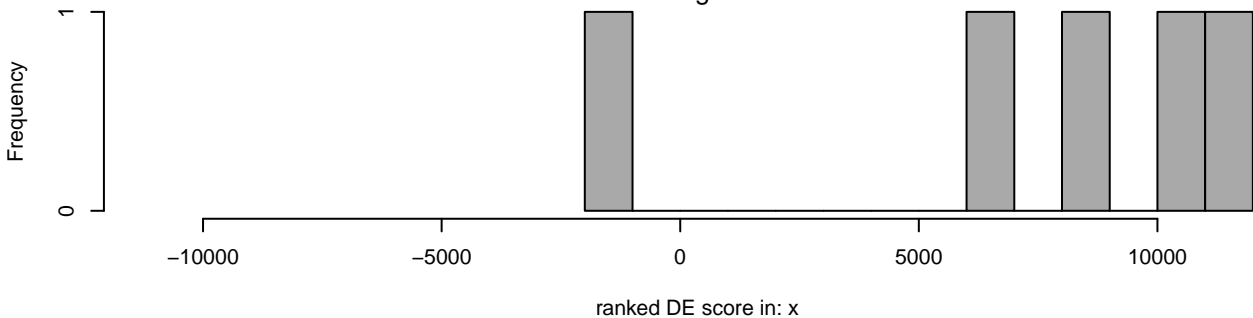


# AMELOBLAST DIFFERENTIATION

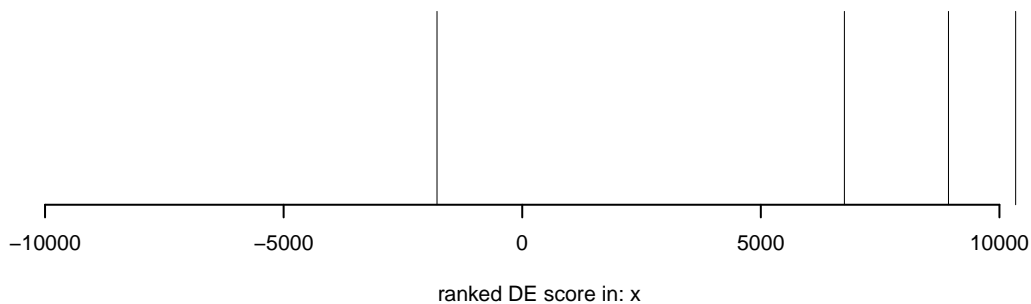
beeswarm plot



histogram

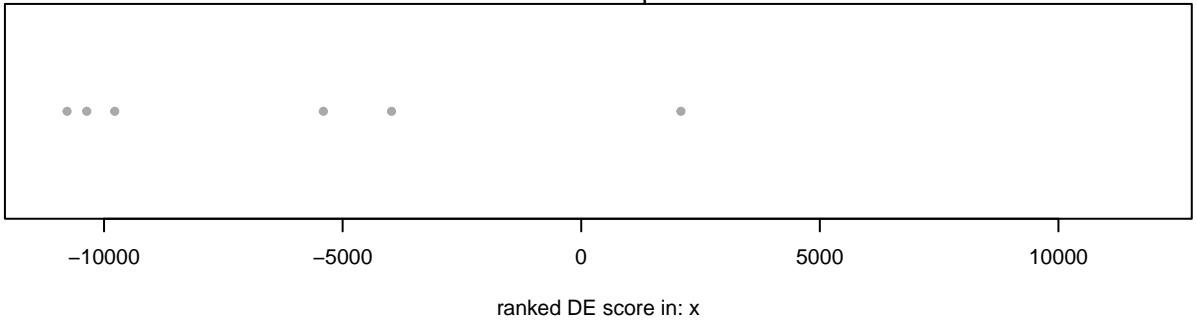


rugplot

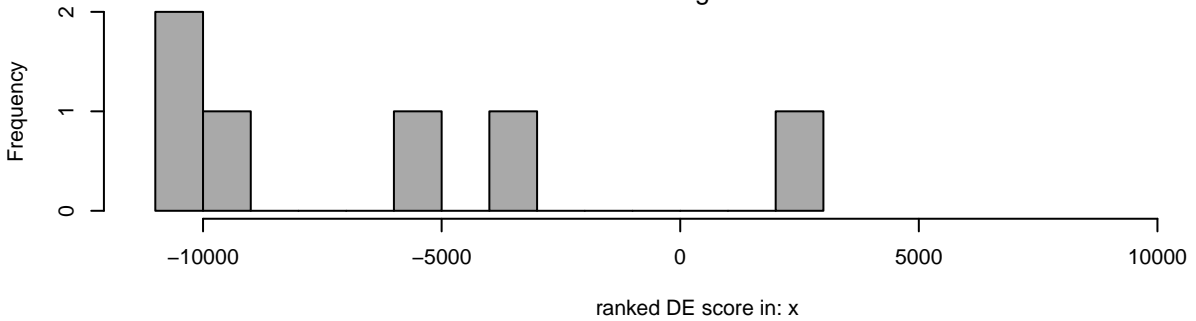


# NADH OXIDATION

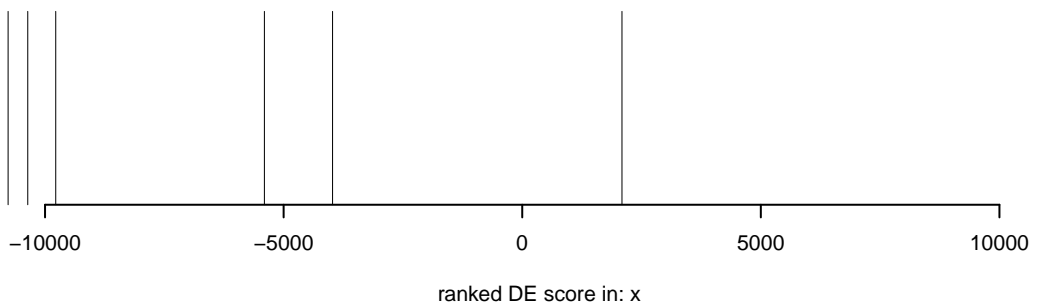
beeswarm plot



histogram



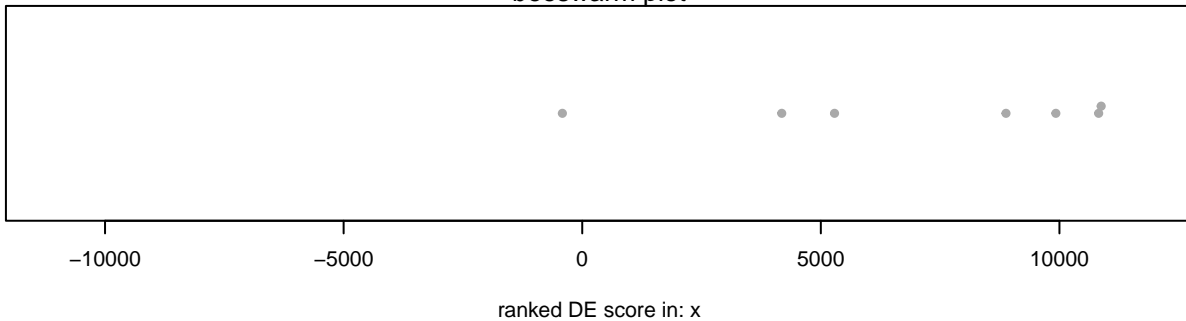
rugplot



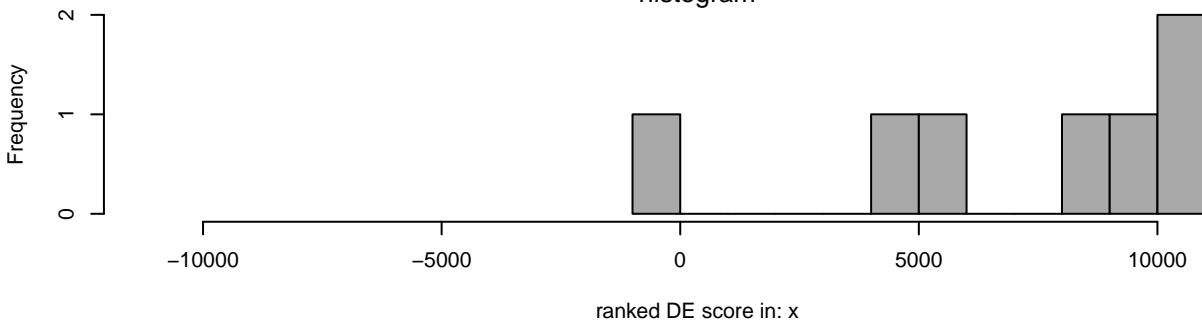


# REGULATION OF SEROTONIN SECRETION

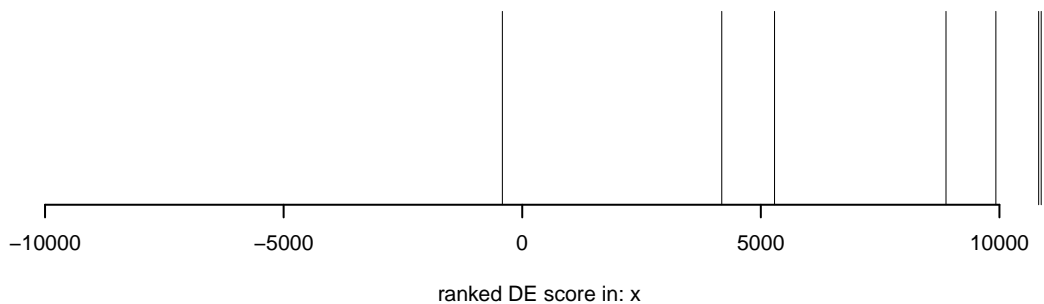
beeswarm plot



histogram

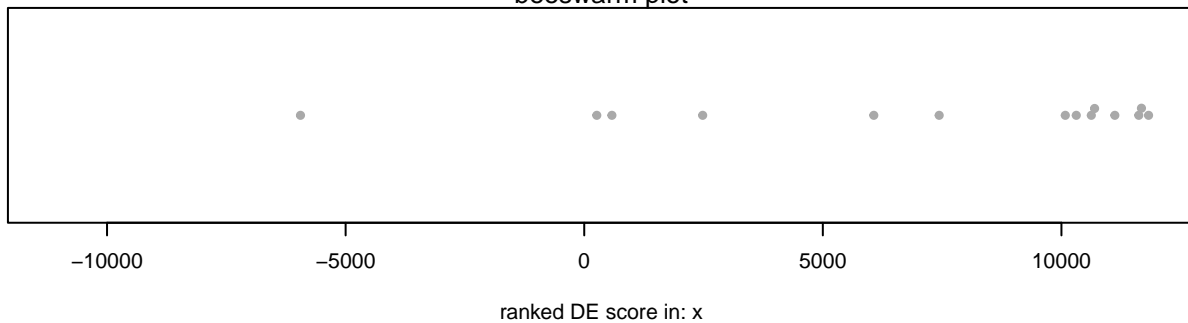


rugplot

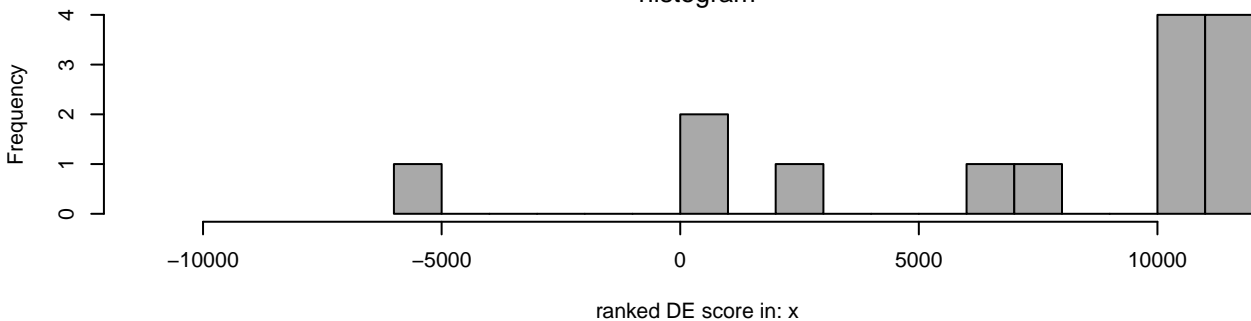


# POSITIVE REGULATION OF PEPTIDYL SERINE PHOSPHORYLATION OF STAT PROTEIN

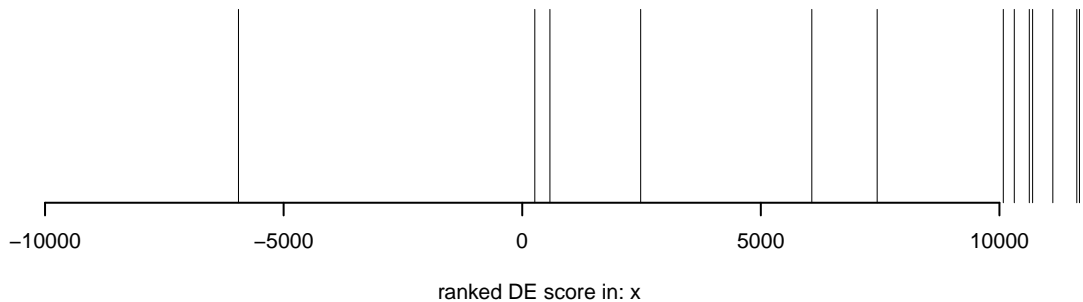
beeswarm plot



histogram

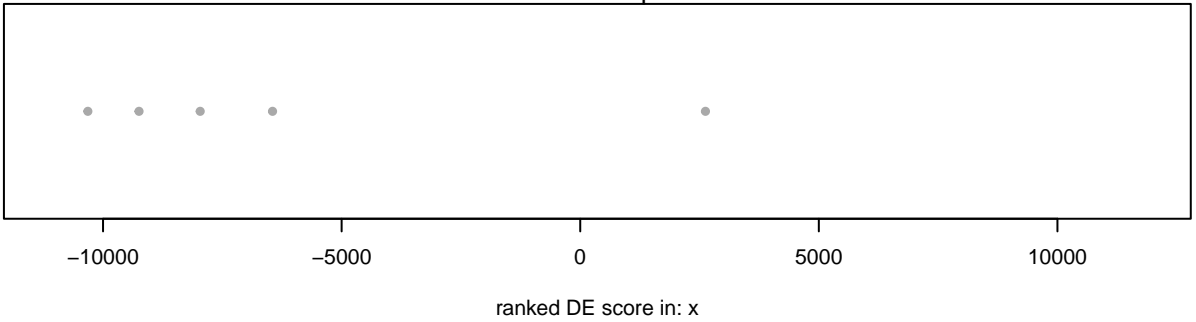


rugplot

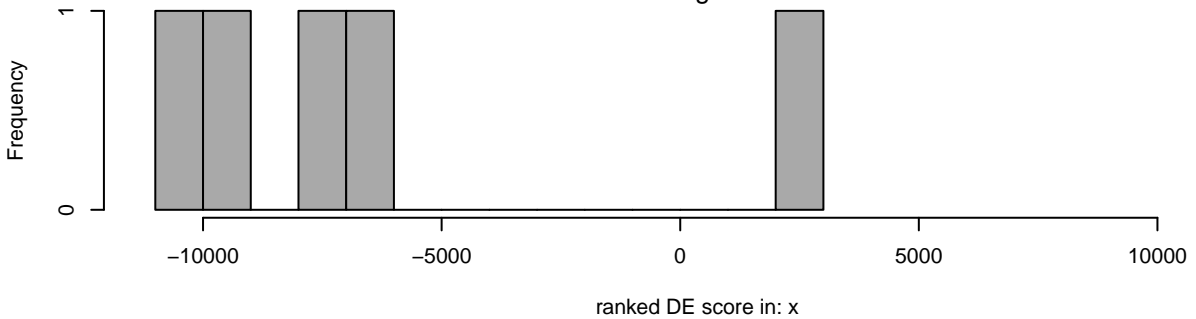


# MAINTENANCE OF PROTEIN LOCATION IN MITOCHONDRION

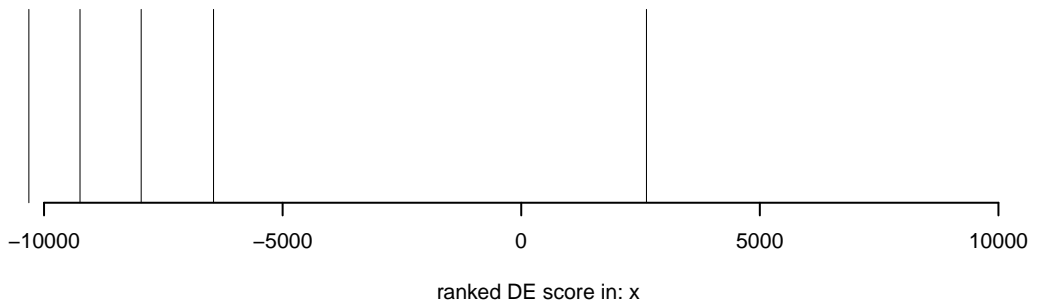
beeswarm plot



histogram

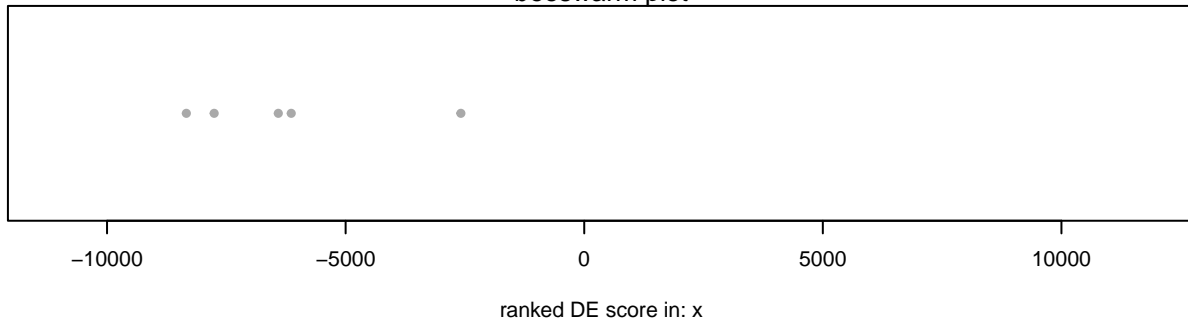


rugplot

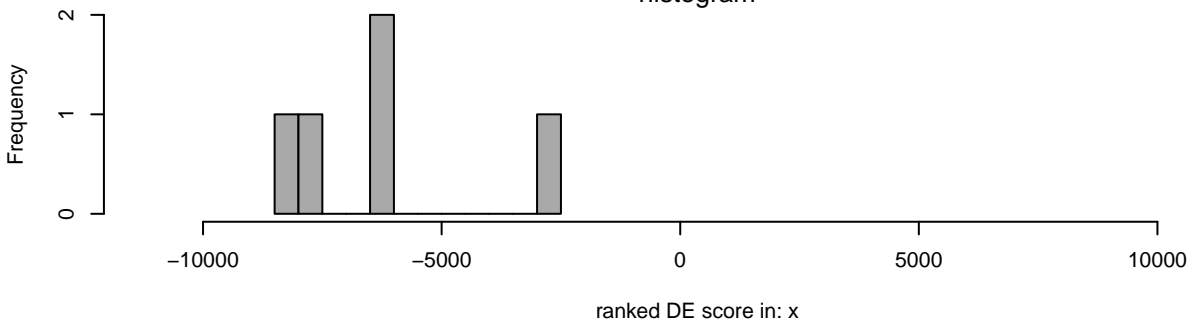


# REGULATION OF PHOSPHATIDYLCHOLINE BIOSYNTHETIC PROCESS

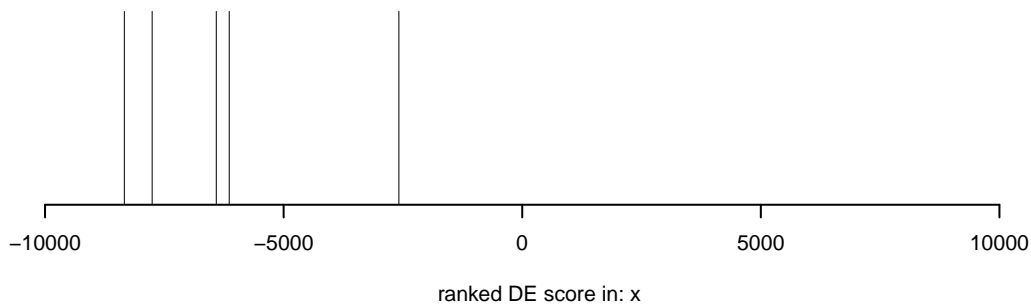
beeswarm plot



histogram

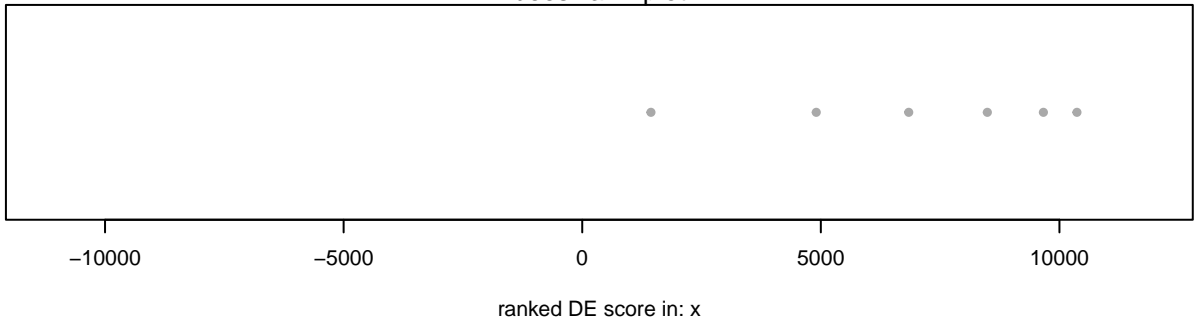


rugplot

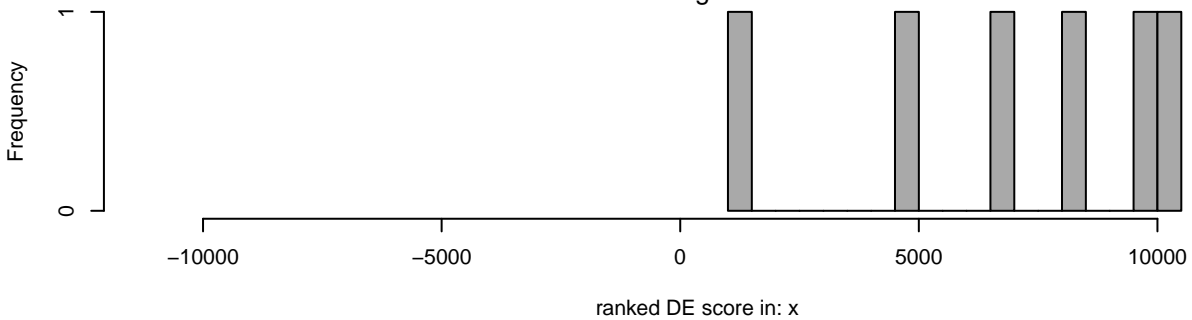


# 5 PHOSPHORIBOSE 1 DIPHOSPHATE METABOLIC PROCESS

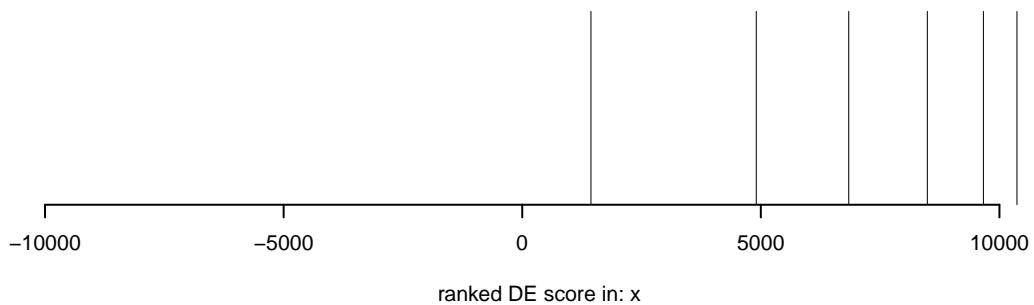
beeswarm plot



histogram

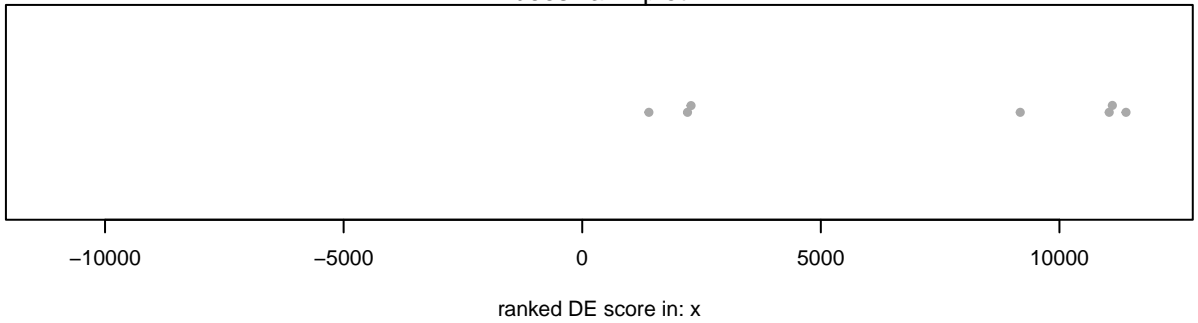


rugplot

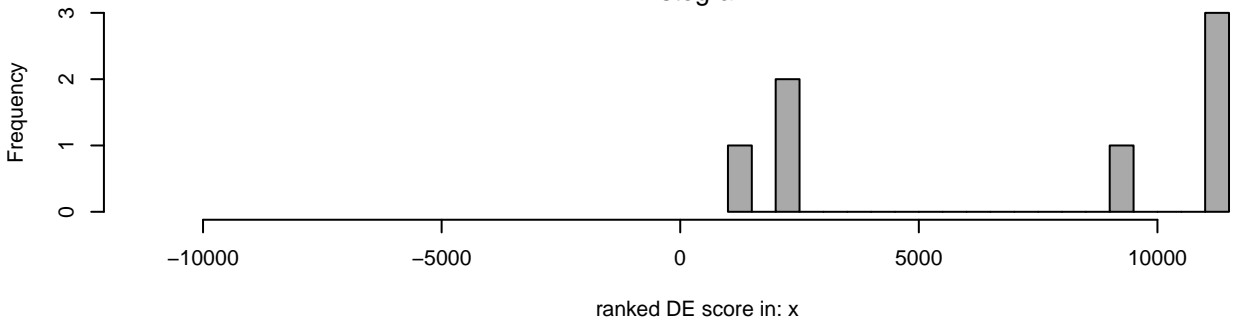


# LIPID HYDROXYLATION

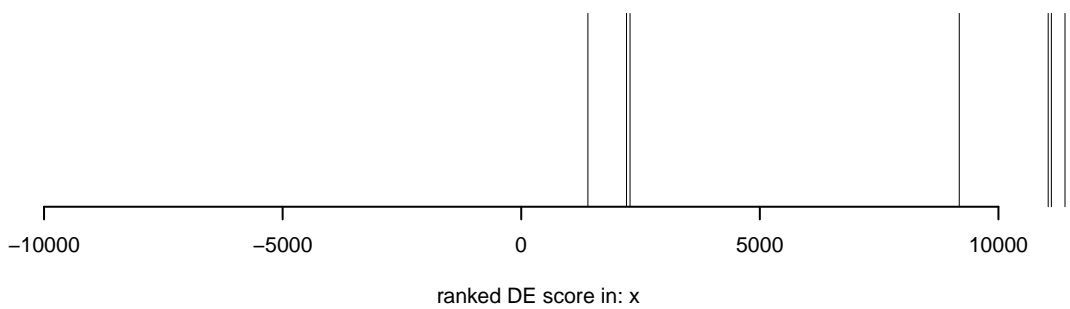
beeswarm plot



histogram

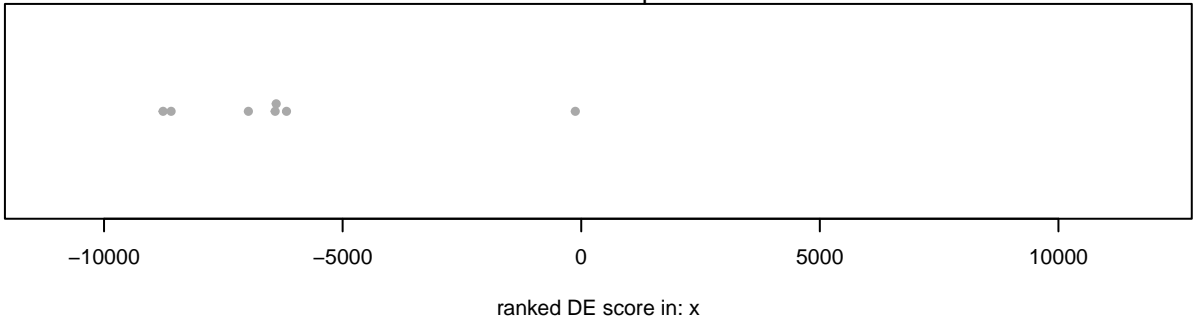


rugplot

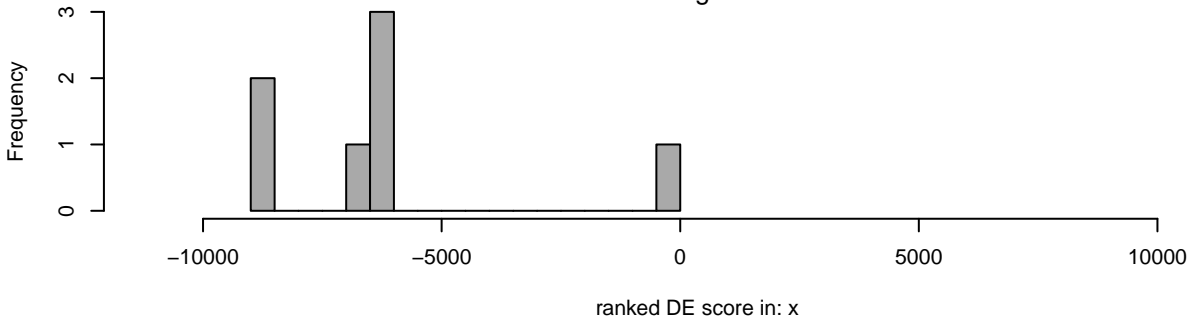


# REGULATION OF PHOSPHOLIPID CATABOLIC PROCESS

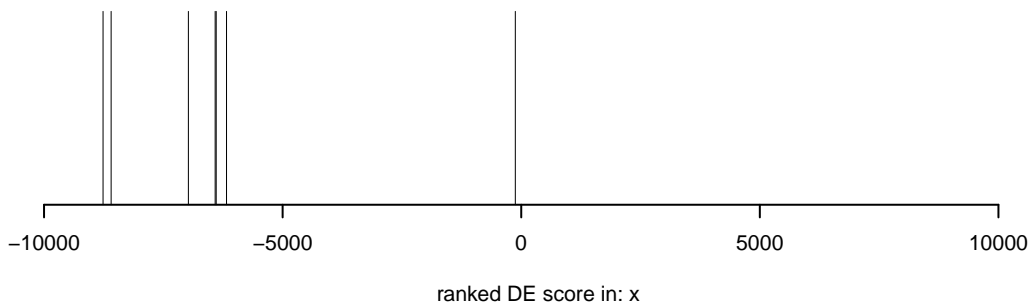
beeswarm plot



histogram

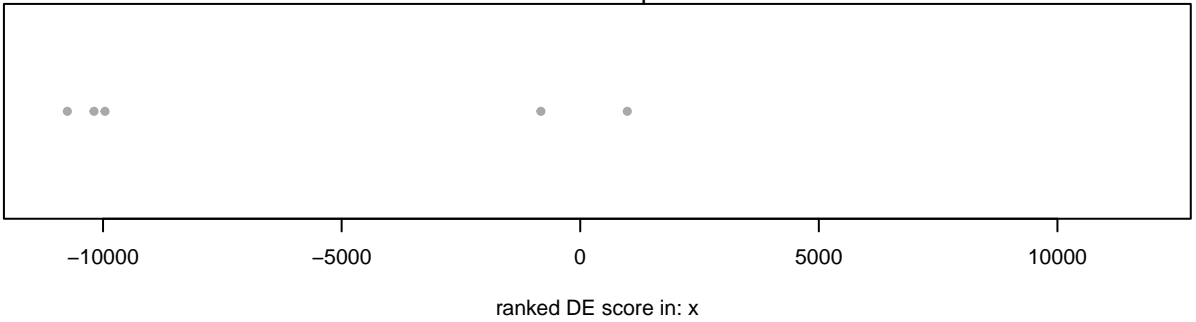


rugplot

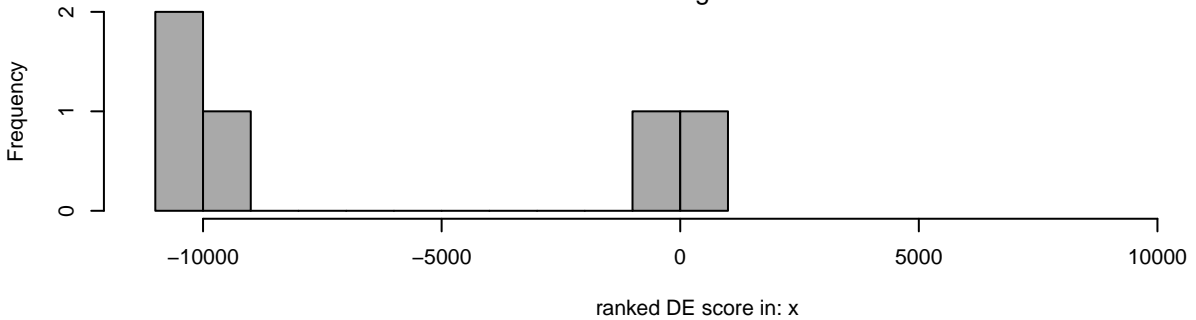


# RESPONSE TO OZONE

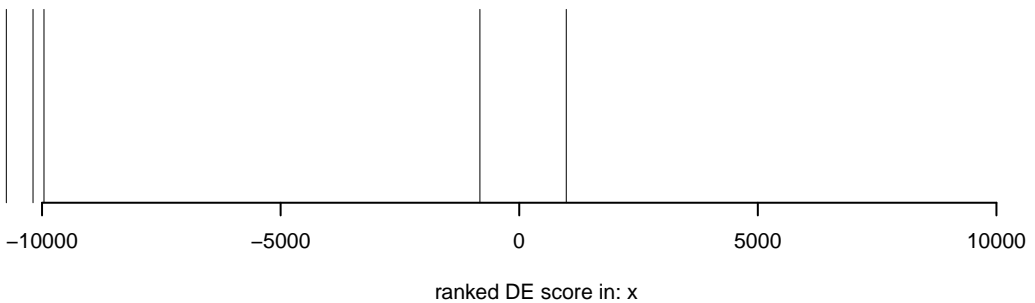
beeswarm plot



histogram



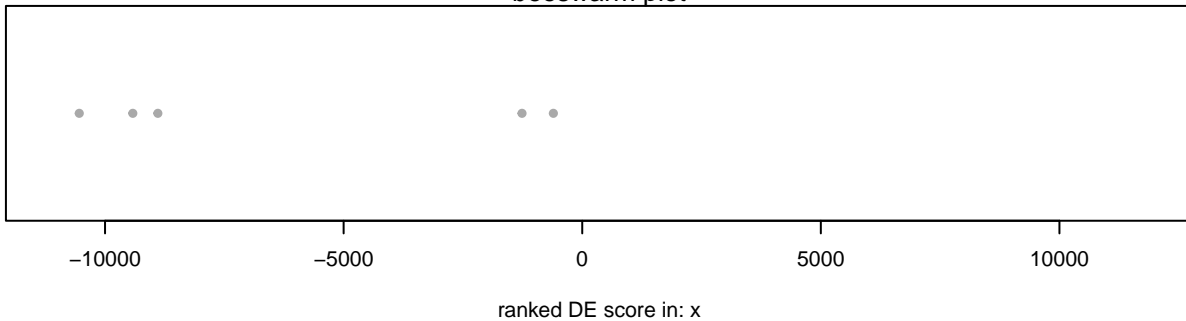
rugplot



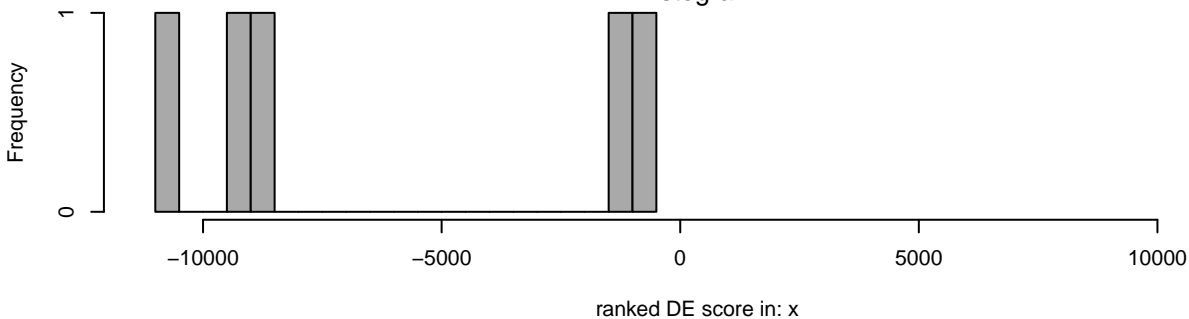


# NEGATIVE REGULATION OF ATP BIOSYNTHETIC PROCESS

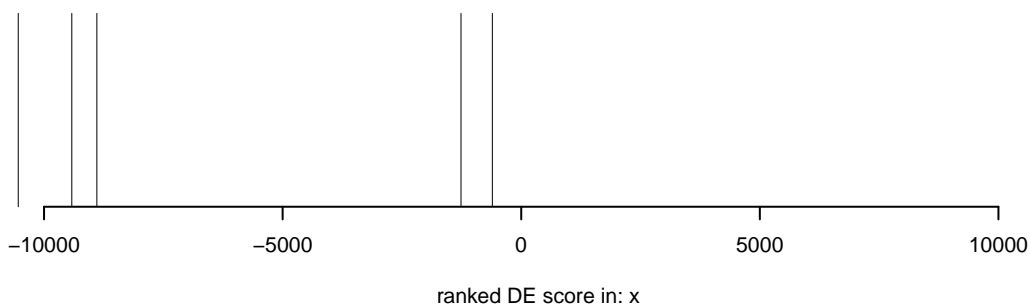
beeswarm plot



histogram

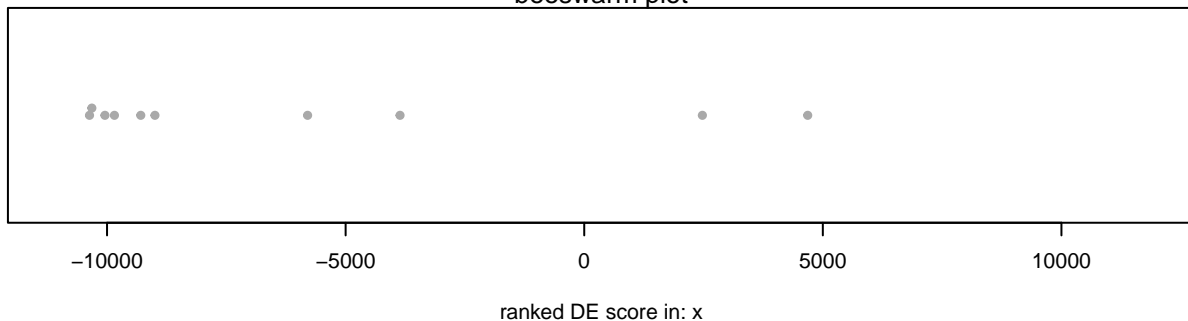


rugplot

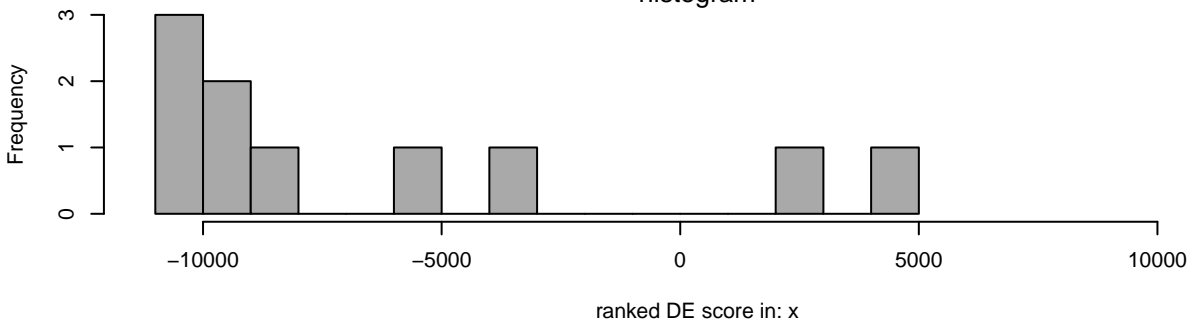


# LONG CHAIN FATTY ACID IMPORT ACROSS PLASMA MEMBRANE

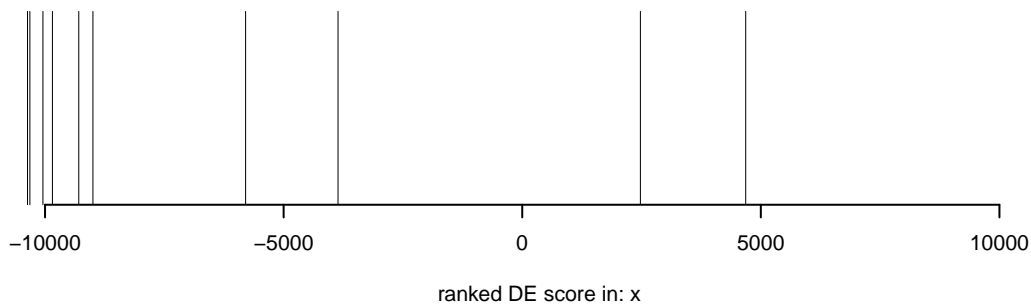
beeswarm plot



histogram

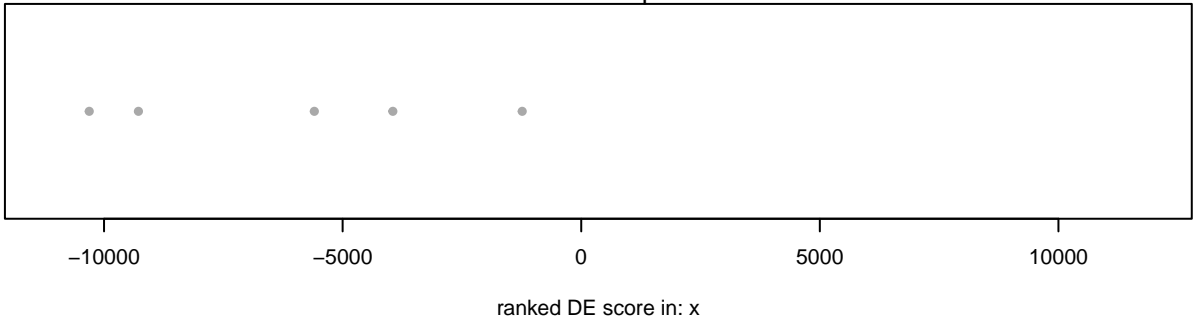


rugplot

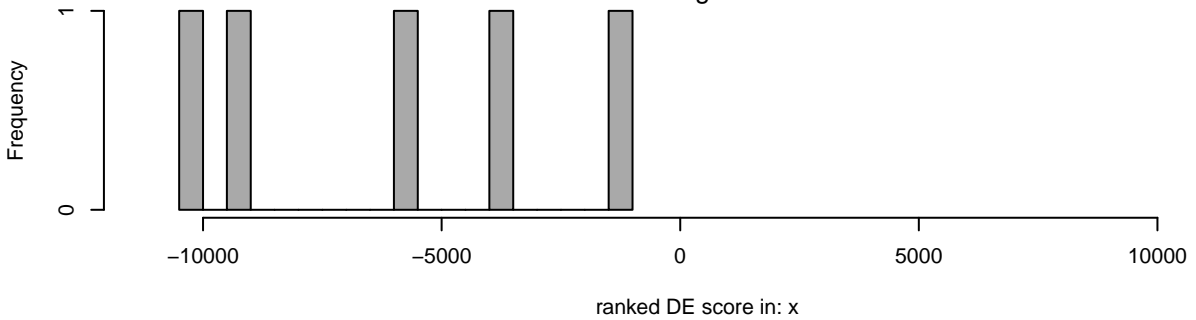


# ENDOCANNABINOID SIGNALING PATHWAY

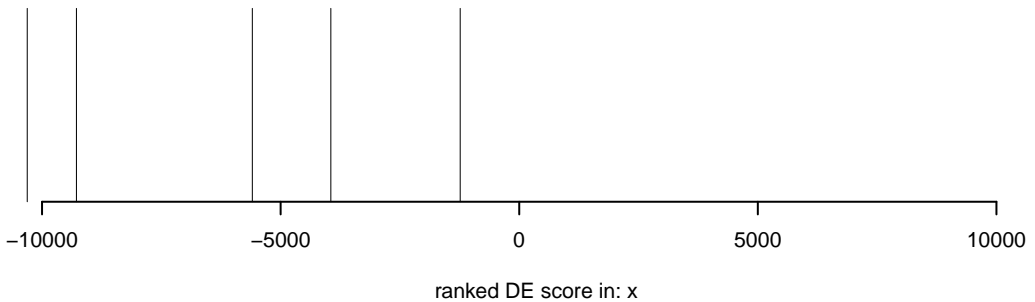
beeswarm plot



histogram

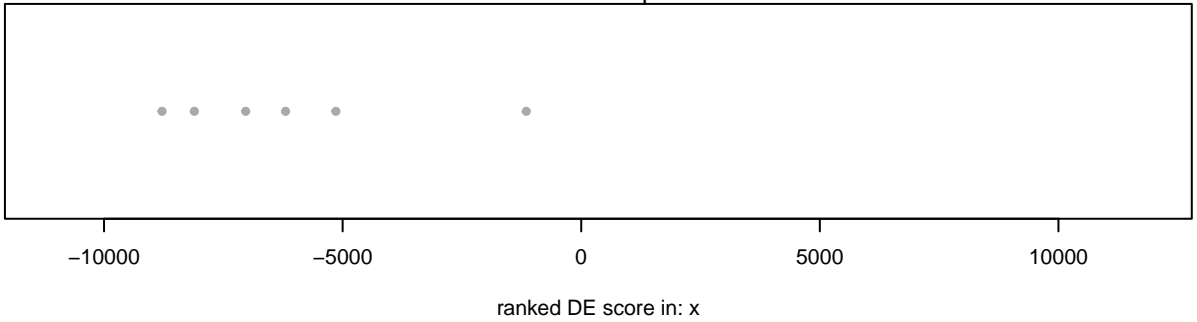


rugplot

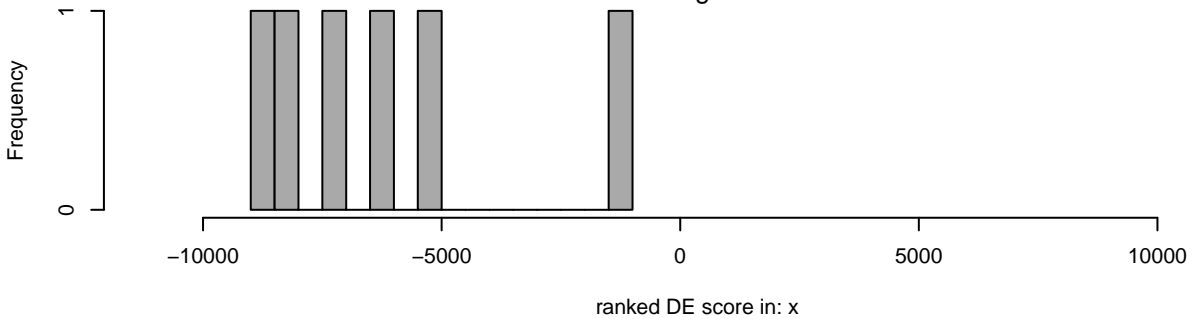


# REGULATION OF FAS SIGNALING PATHWAY

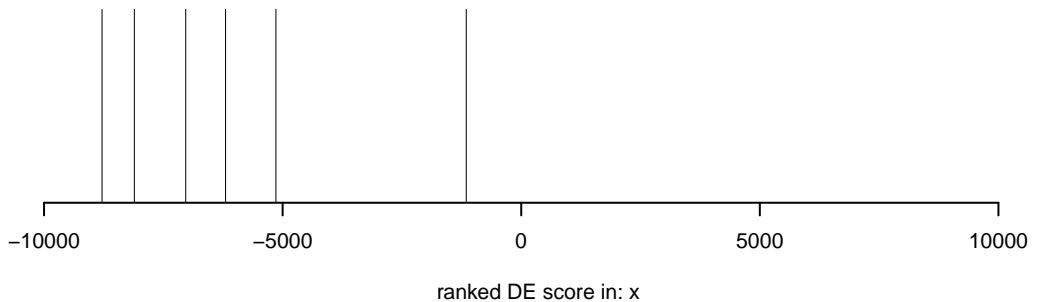
beeswarm plot



histogram

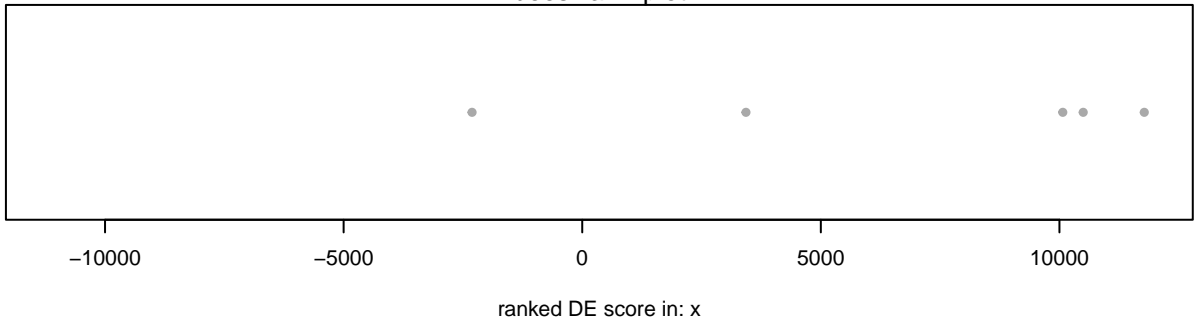


rugplot

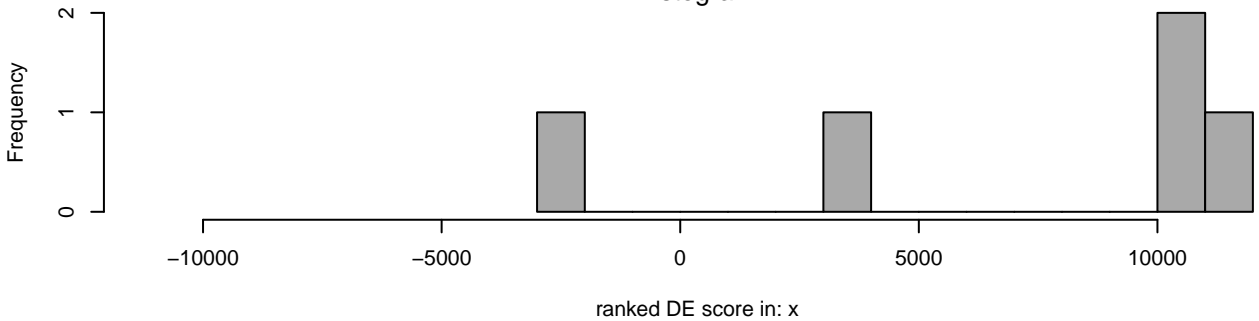


# FATTY ACID OMEGA OXIDATION

beeswarm plot



histogram



rugplot

