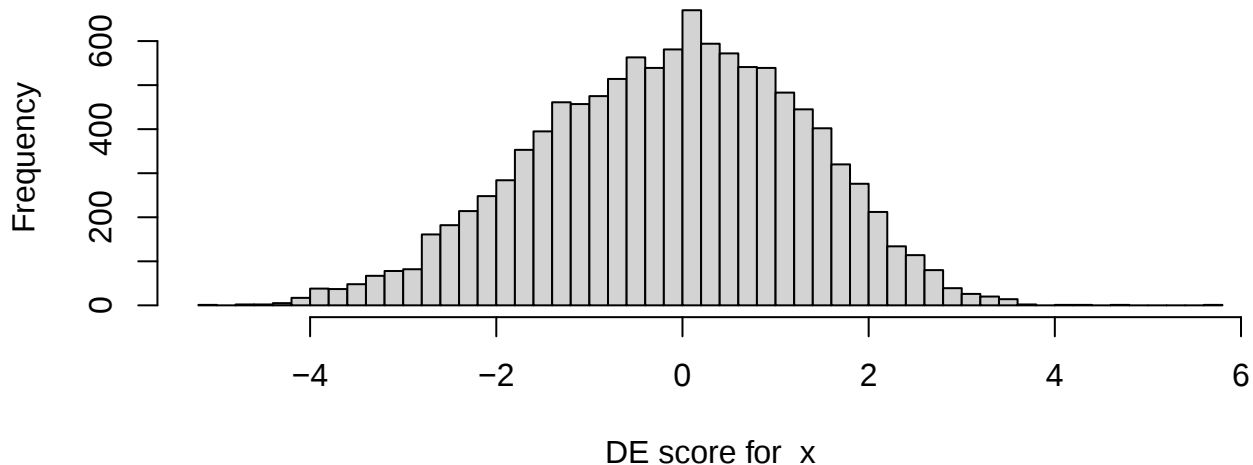
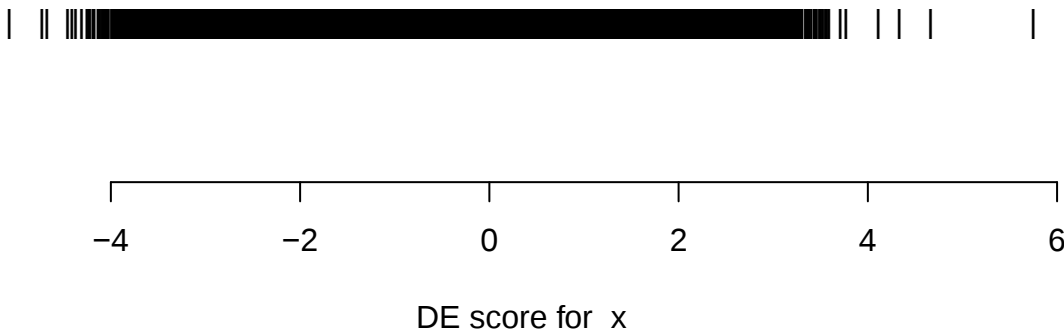


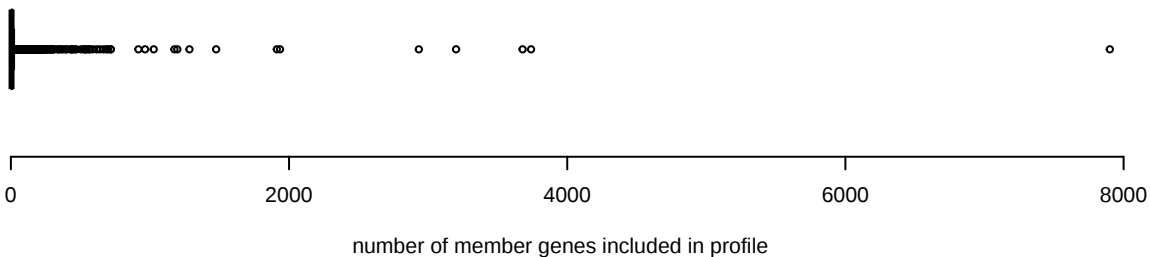
Distribution of DE scores



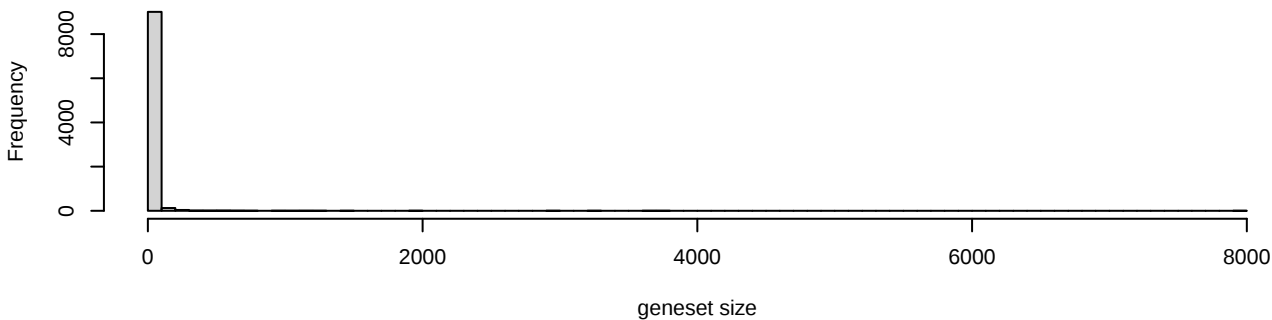
11291 genes in total, 5487 trending up-regulated, 5804 trending down-regulated



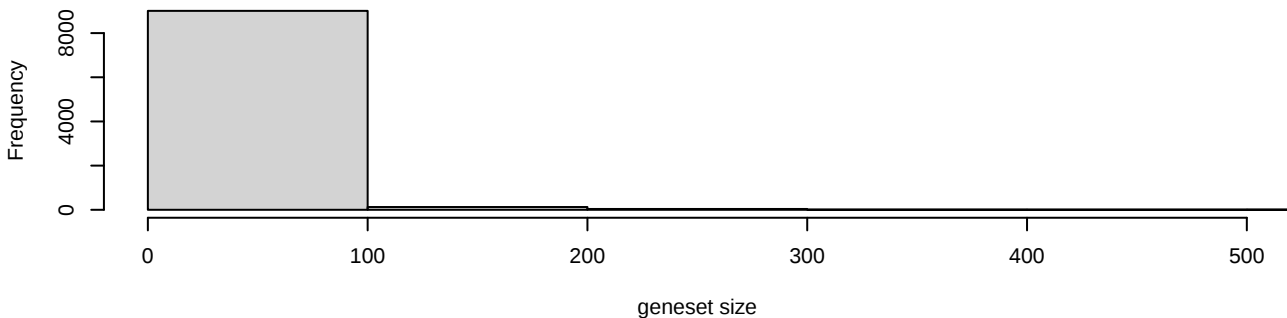
Gene set size



Histogram of geneset size

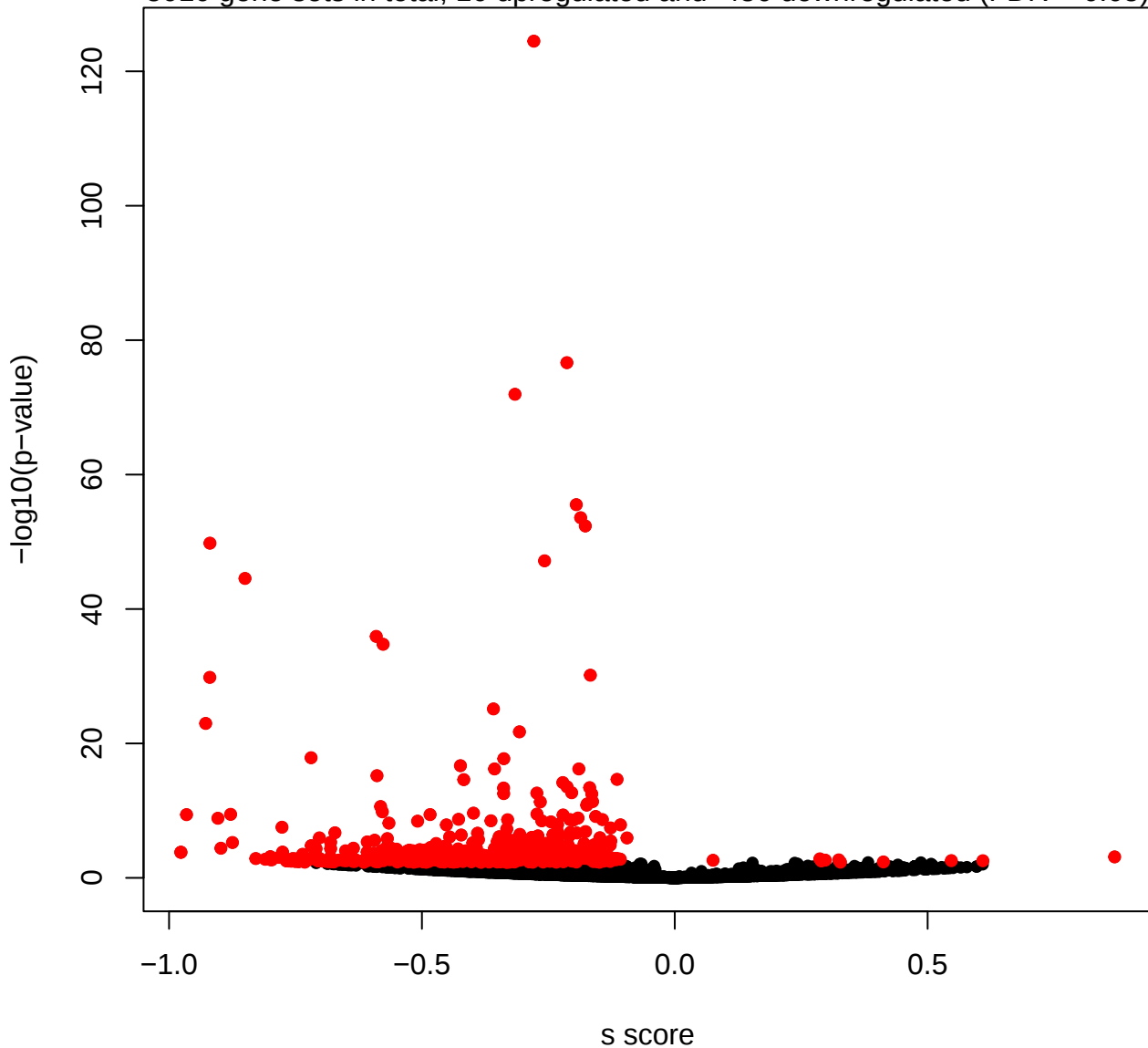


Trimmed histogram of geneset size



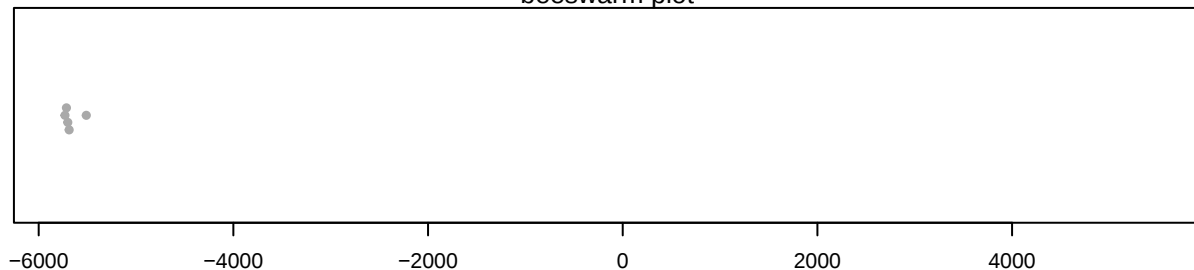
volcano plot of gene set enrichments

5010 gene sets in total, 10 upregulated and 486 downregulated (FDR $\leq$ 0.05)



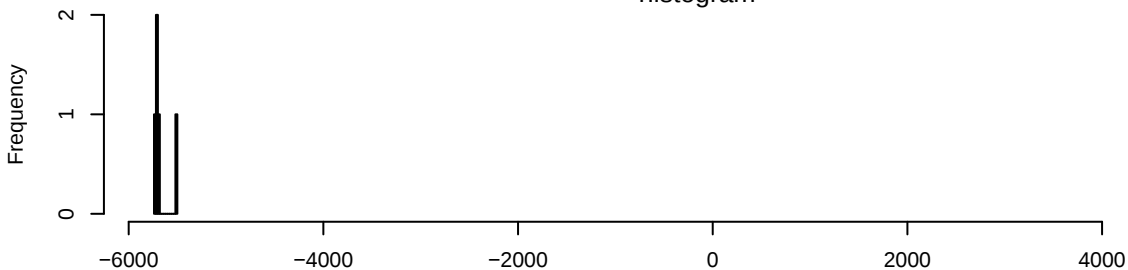
0002476 antigen processing and presentation of endogenous peptide antigen via MHC class II

beeswarm plot



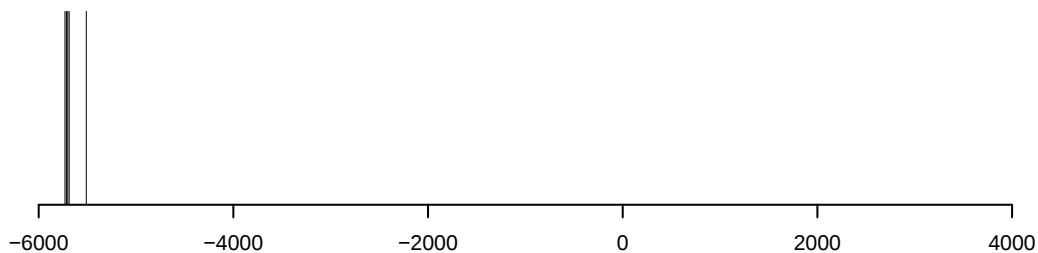
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

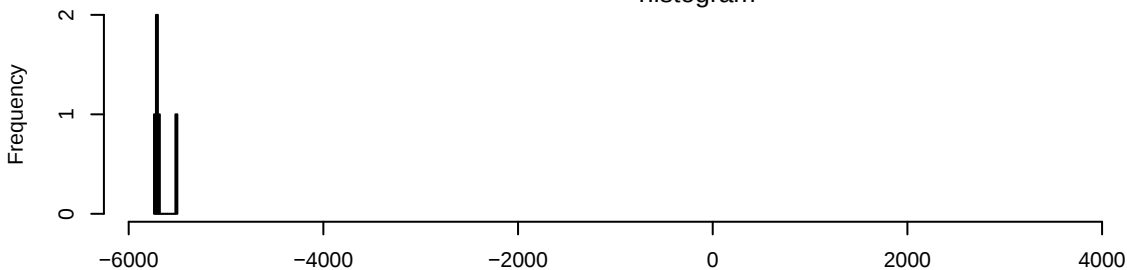
processing and presentation of endogenous peptide antigen via MHC class I via ER path

beeswarm plot



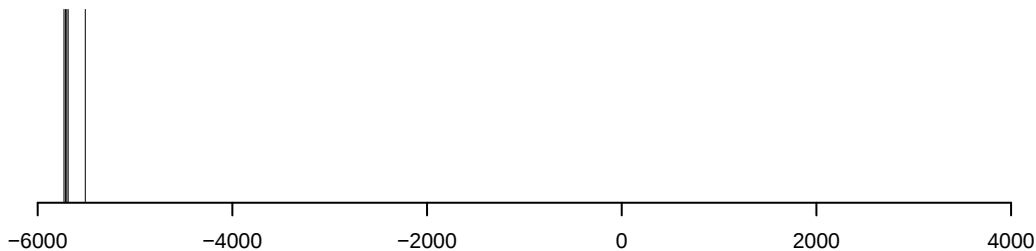
ranked DE score in: x

histogram



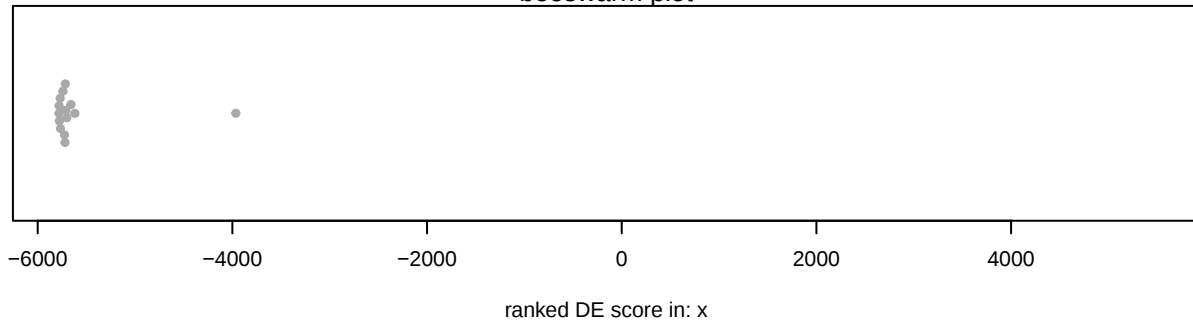
ranked DE score in: x

rugplot

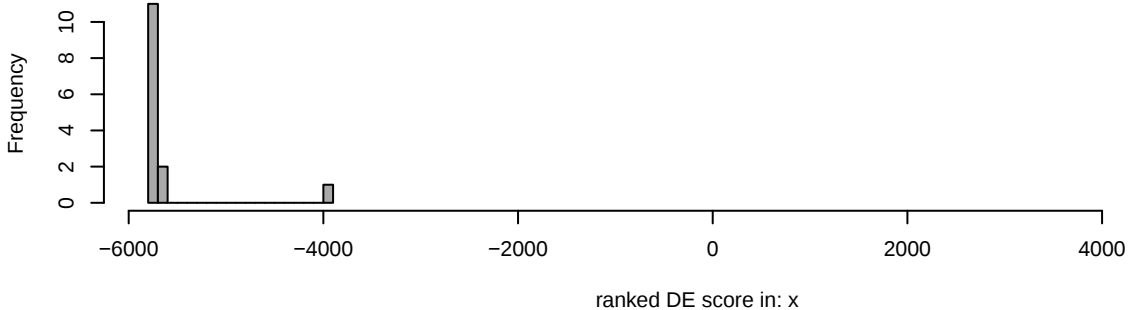


GO:0015935 small ribosomal subunit

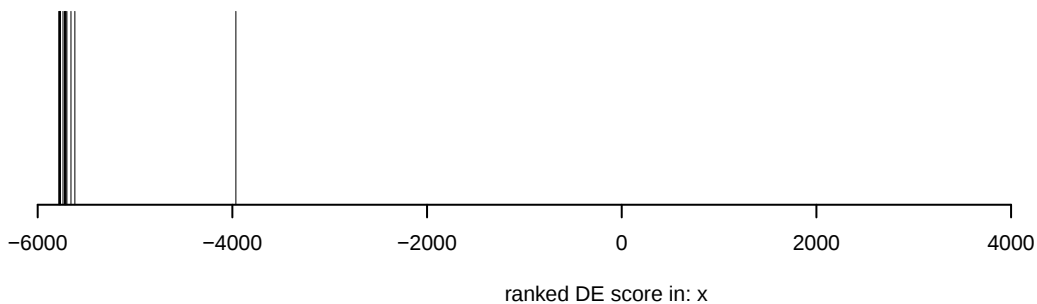
beeswarm plot



histogram

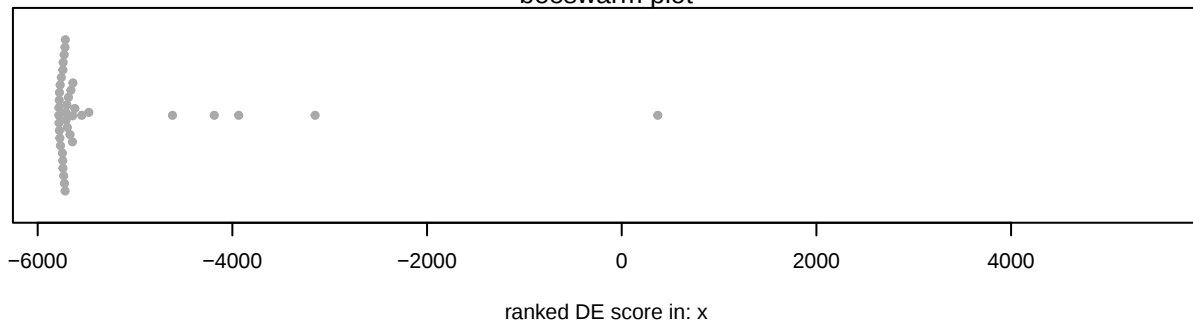


rugplot

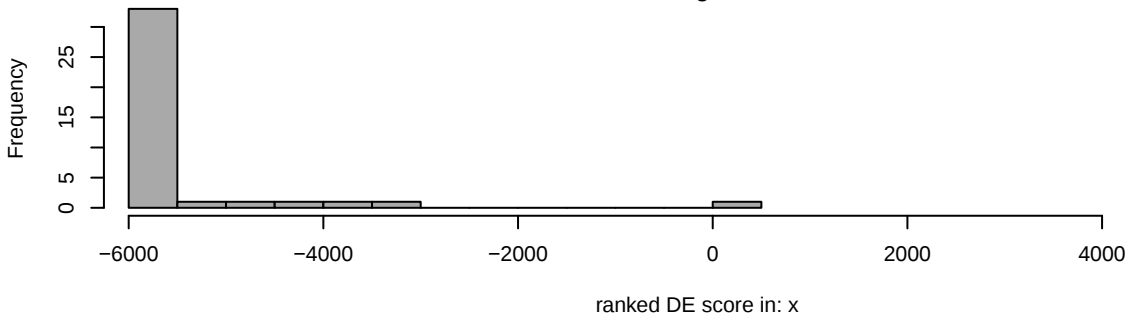


GO:0022627 cytosolic small ribosomal subunit

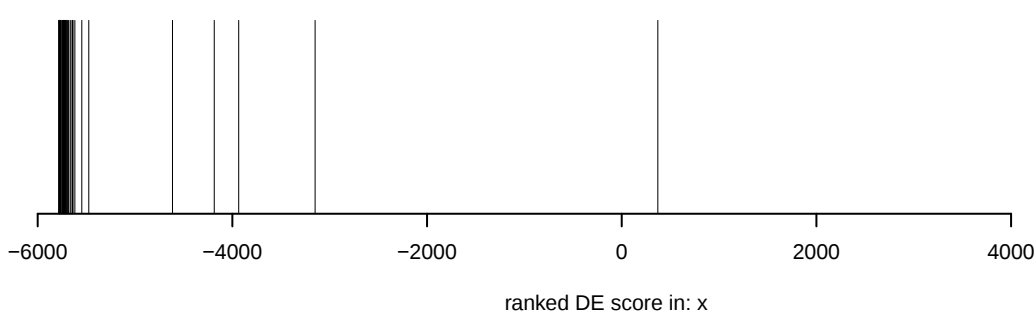
beeswarm plot



histogram

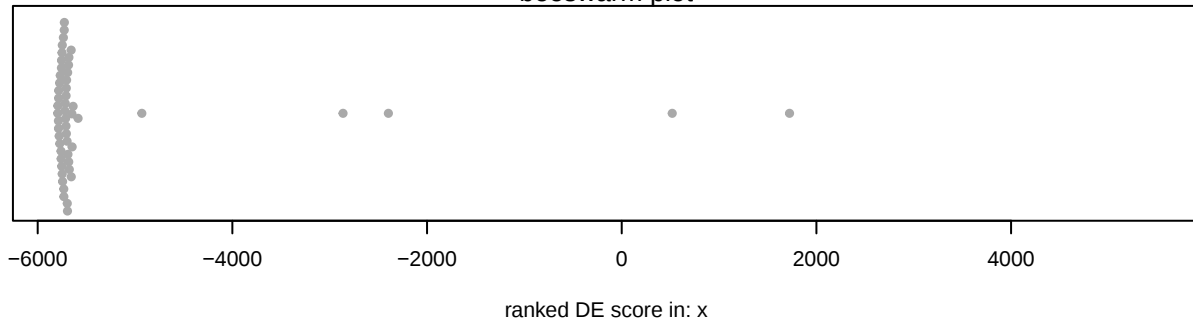


rugplot

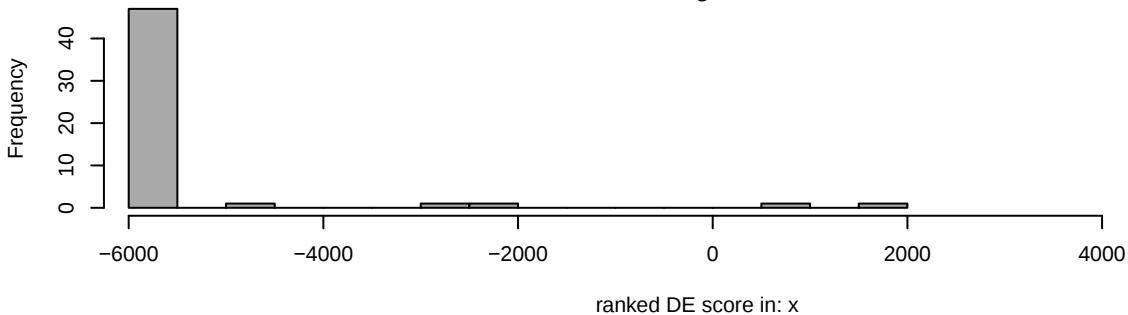


GO:0022625 cytosolic large ribosomal subunit

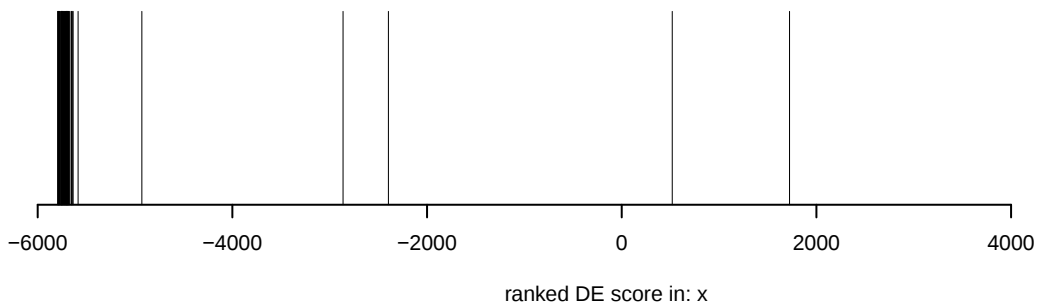
beeswarm plot



histogram

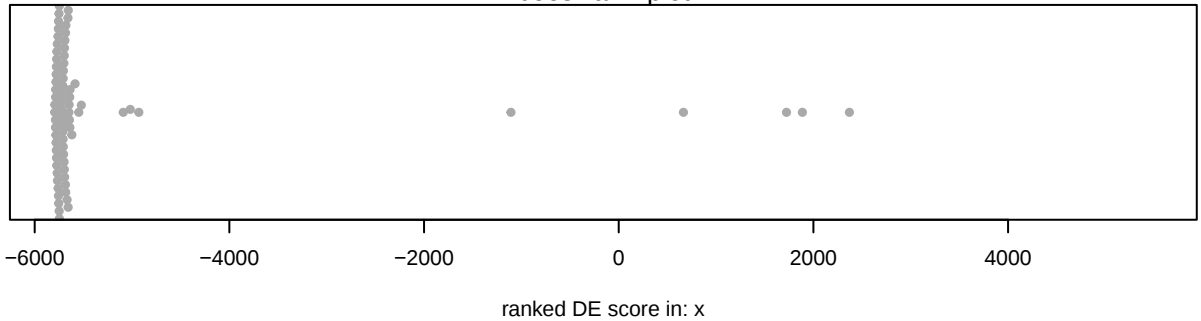


rugplot

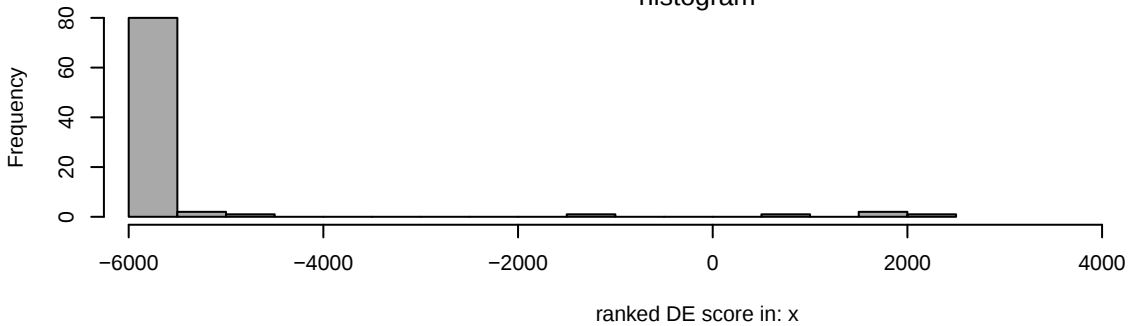


GO:0002181 cytoplasmic translation

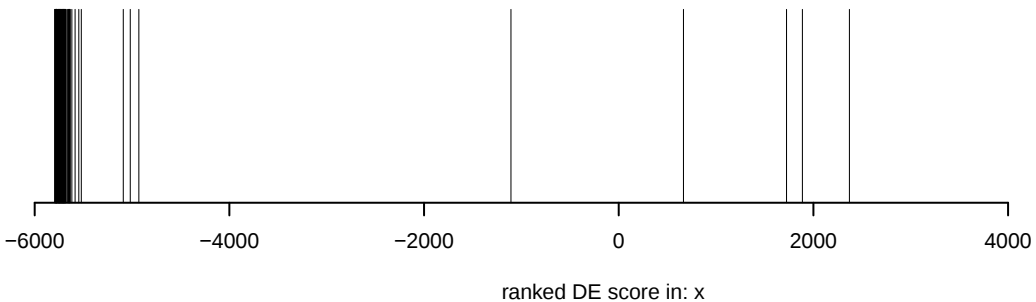
beeswarm plot



histogram



rugplot



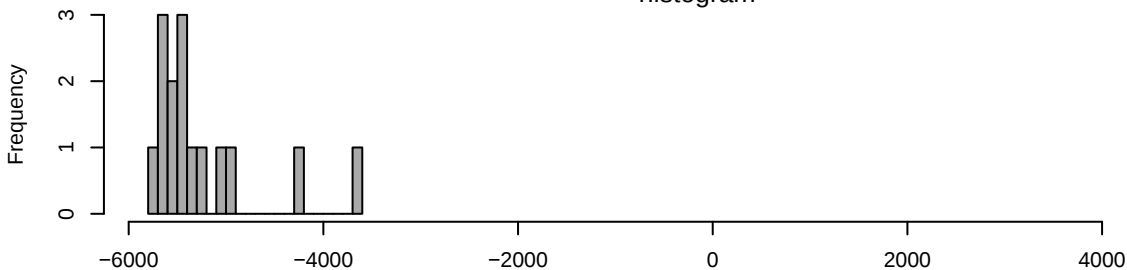
GO:0045277 respiratory chain complex IV

beeswarm plot



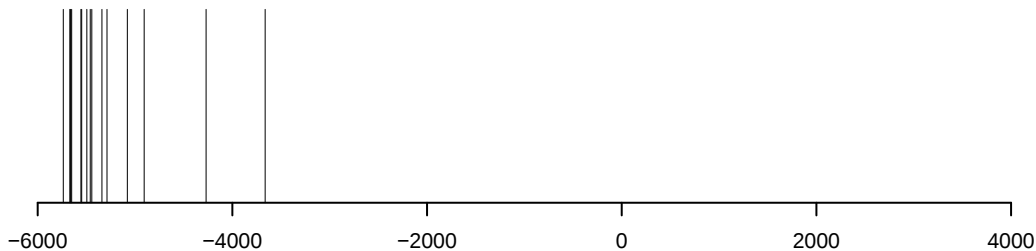
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



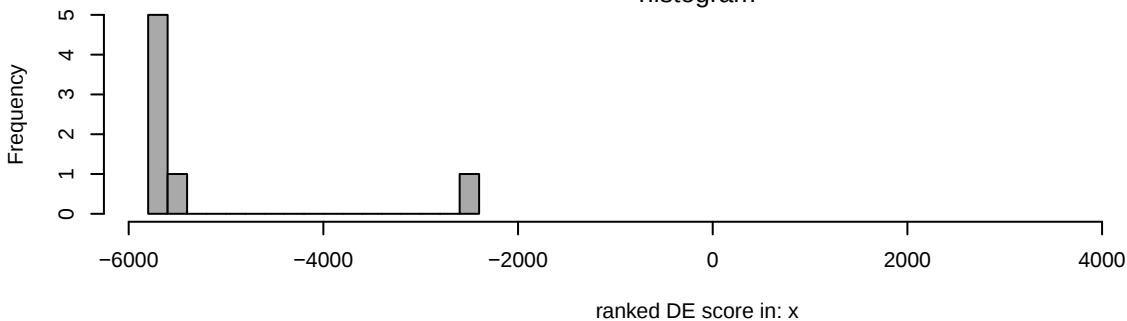
ranked DE score in: x

GO:0042612 MHC class I protein complex

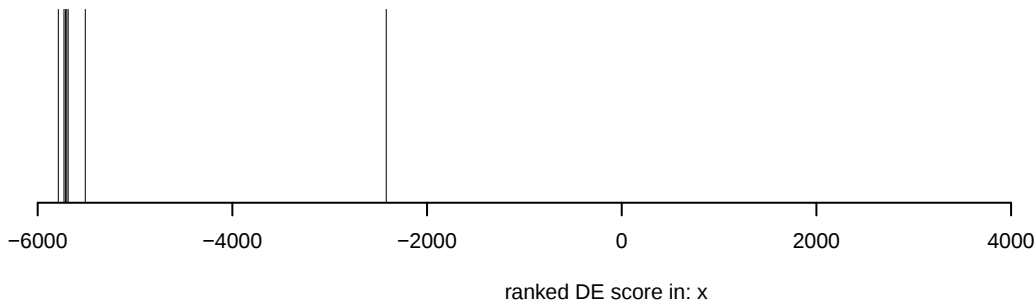
beeswarm plot



histogram

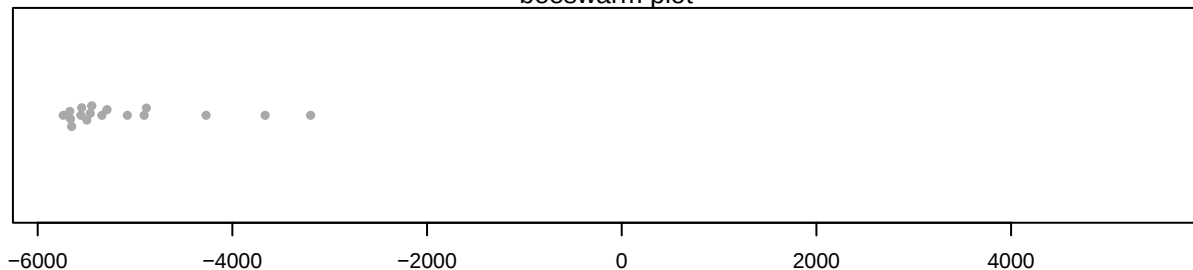


rugplot

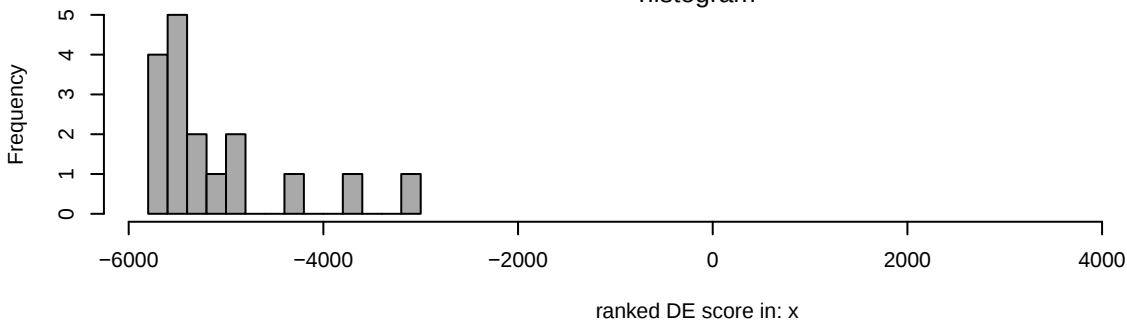


GO:0006123 mitochondrial electron transport, cytochrome c to oxygen

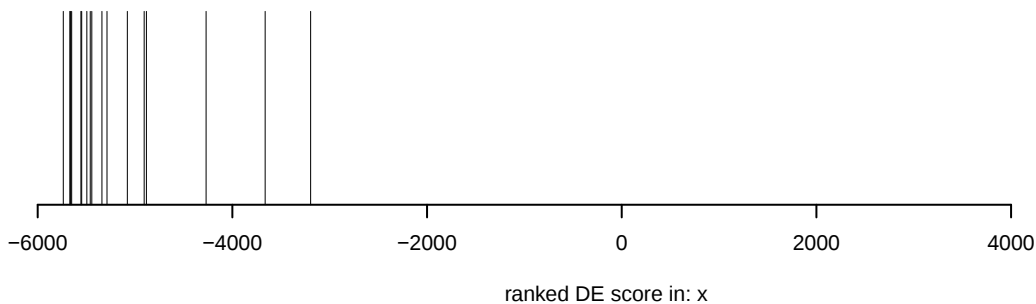
beeswarm plot



histogram



rugplot



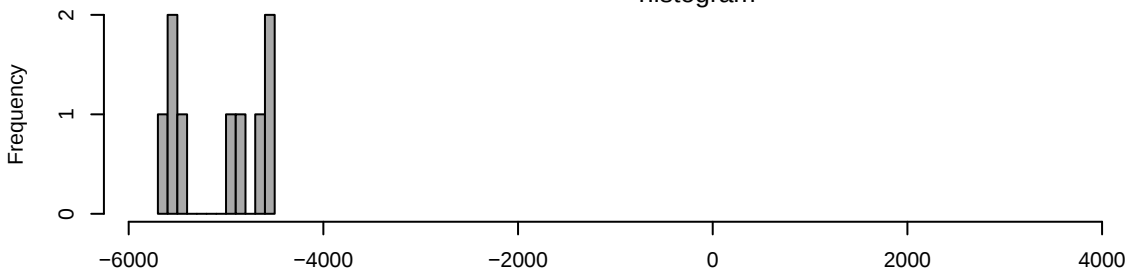
GO:0005885 Arp2/3 protein complex

beeswarm plot



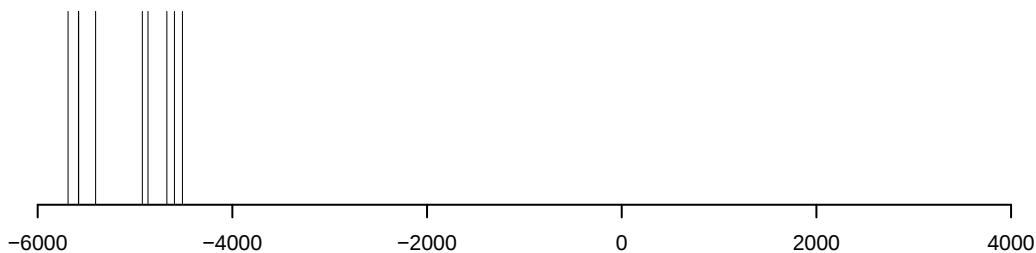
ranked DE score in: x

histogram



ranked DE score in: x

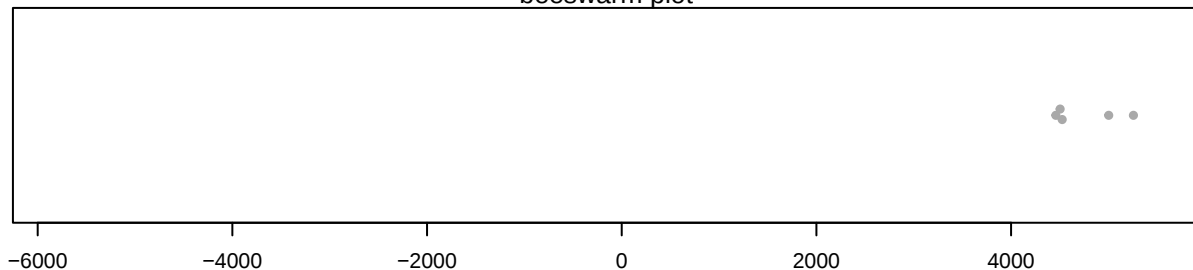
rugplot



ranked DE score in: x

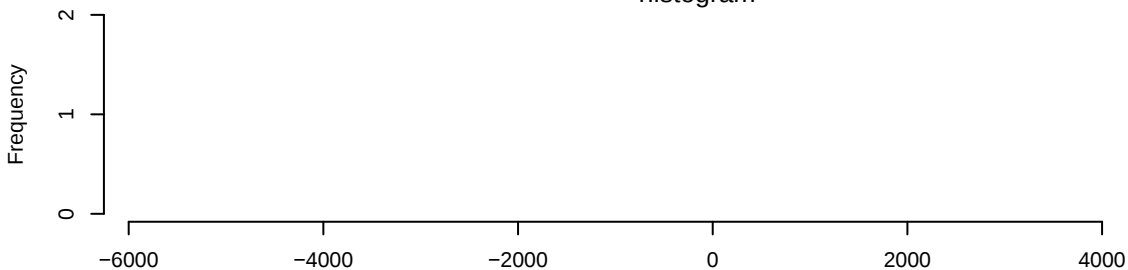
GO:0017185 peptidyl-lysine hydroxylation

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

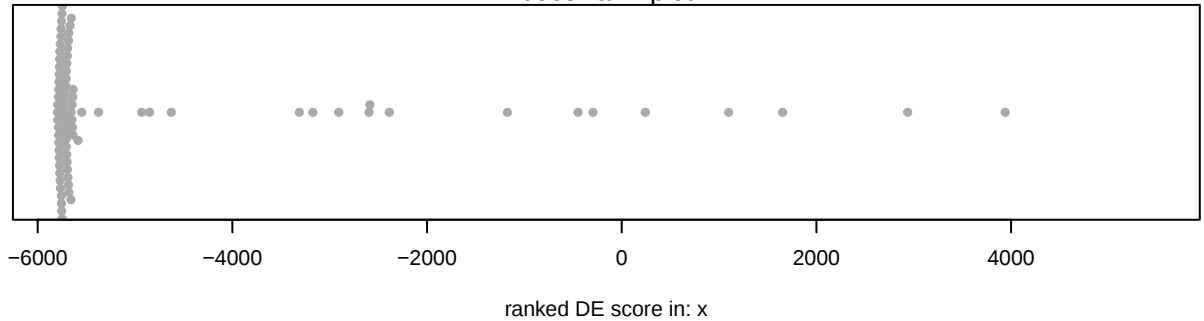
rugplot



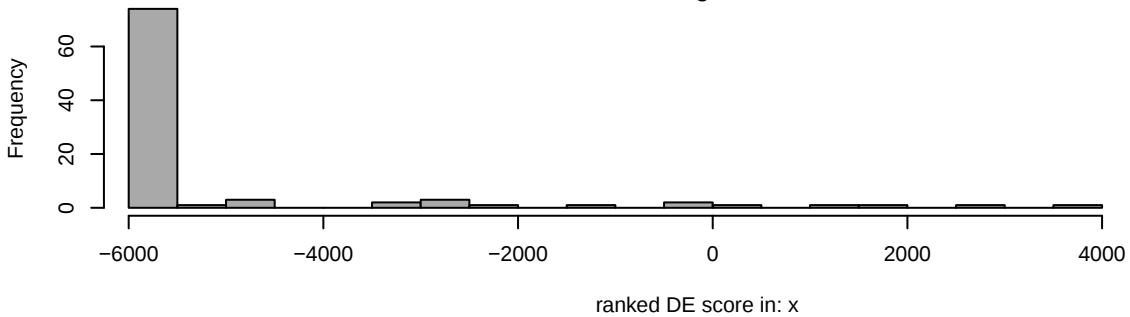
ranked DE score in: x

GO:0022626 cytosolic ribosome

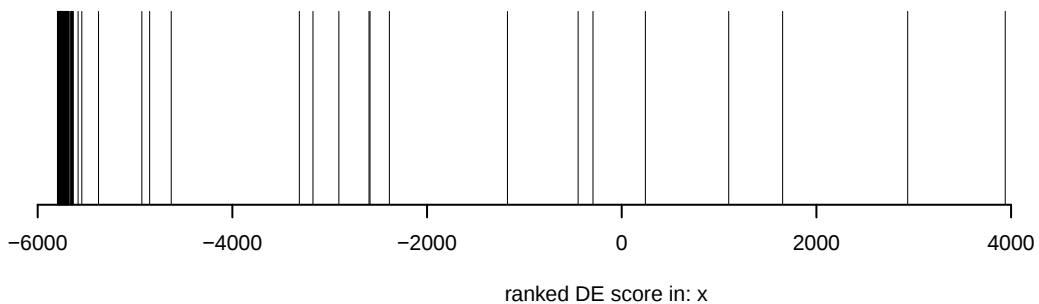
beeswarm plot



histogram

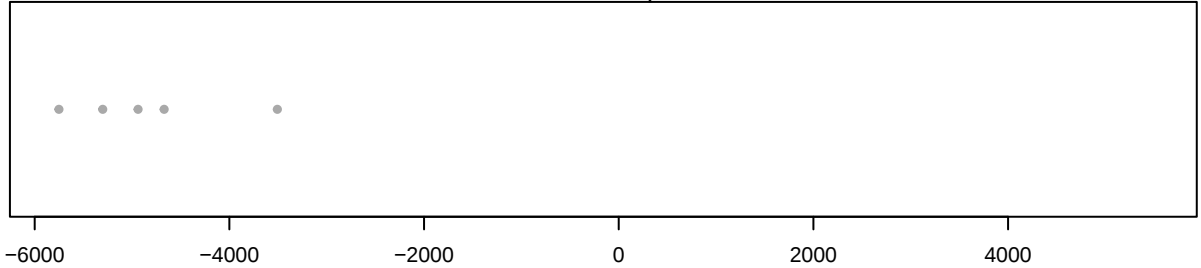


rugplot



GO:1902037 negative regulation of hematopoietic stem cell differentiation

beeswarm plot



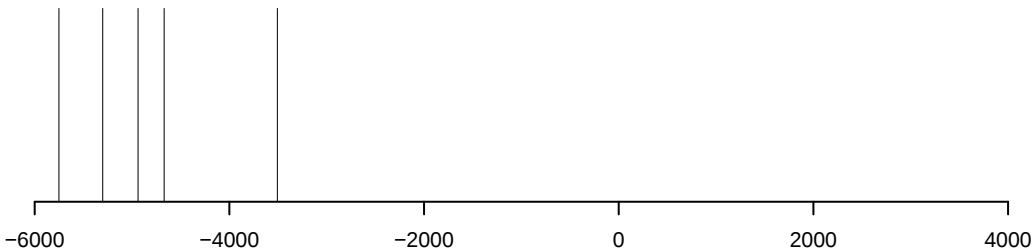
ranked DE score in: x

histogram



ranked DE score in: x

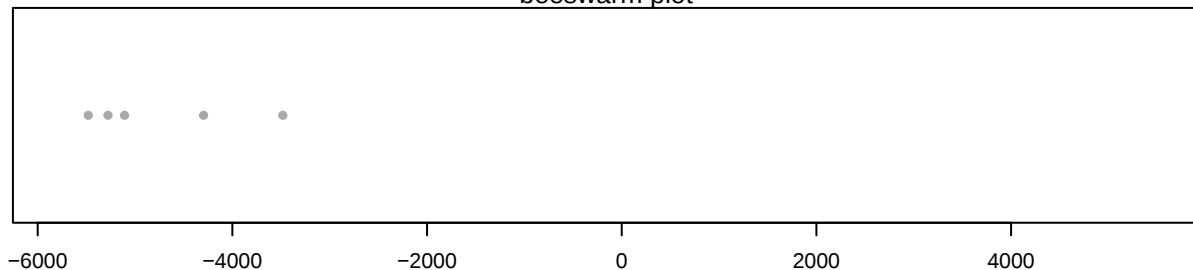
rugplot



ranked DE score in: x

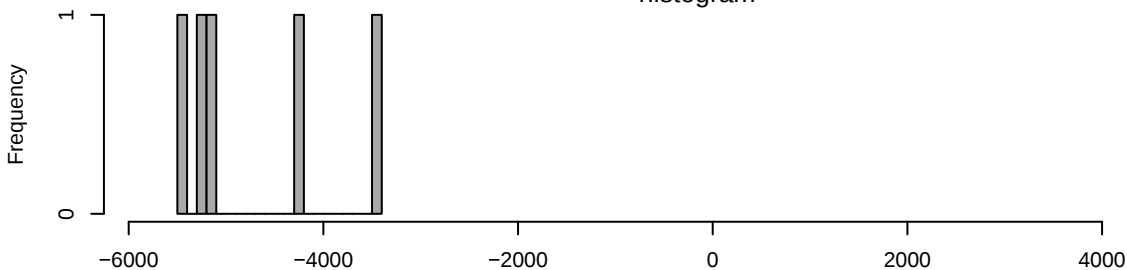
GO:0120183 positive regulation of focal adhesion disassembly

beeswarm plot



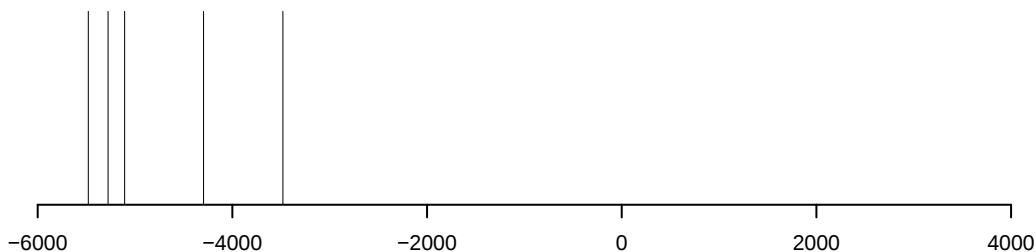
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

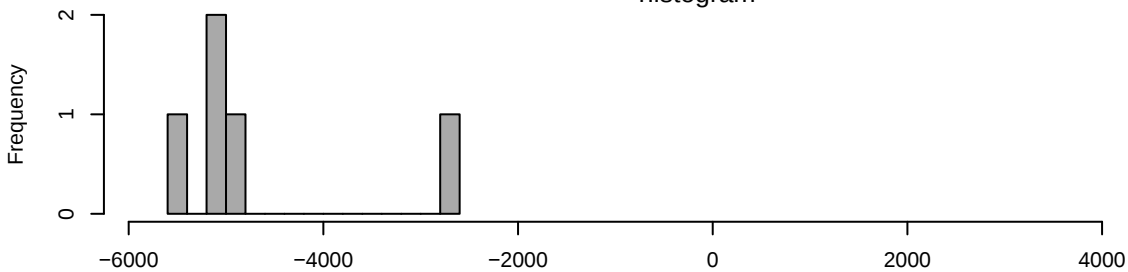
GO:0033081 regulation of T cell differentiation in thymus

beeswarm plot



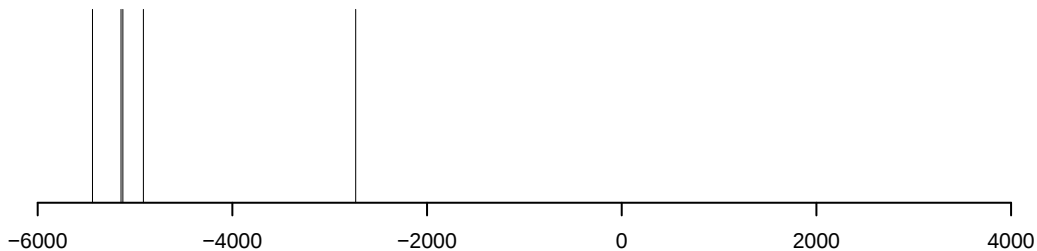
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

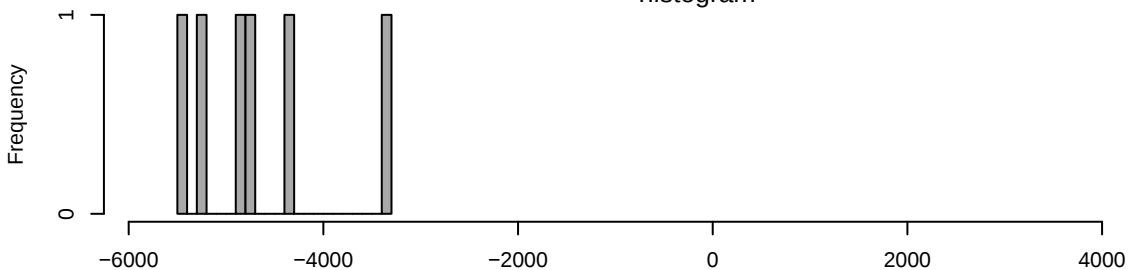
GO:0030911 TPR domain binding

beeswarm plot



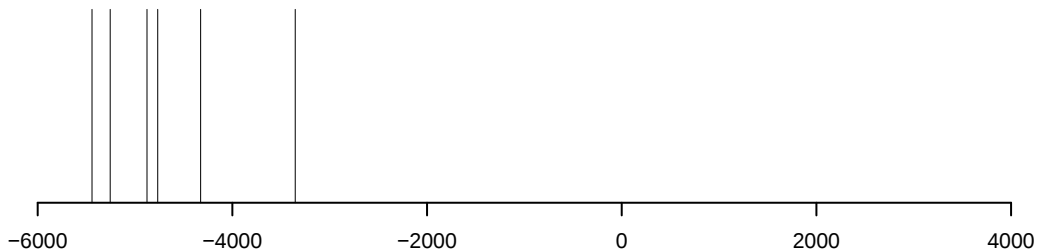
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

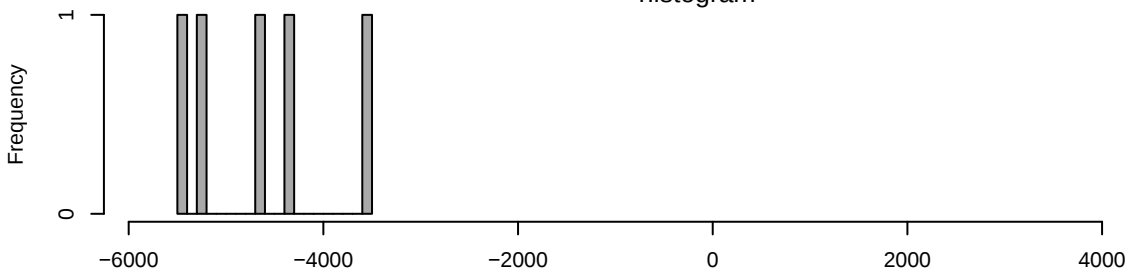
GO:0030098 lymphocyte differentiation

beeswarm plot



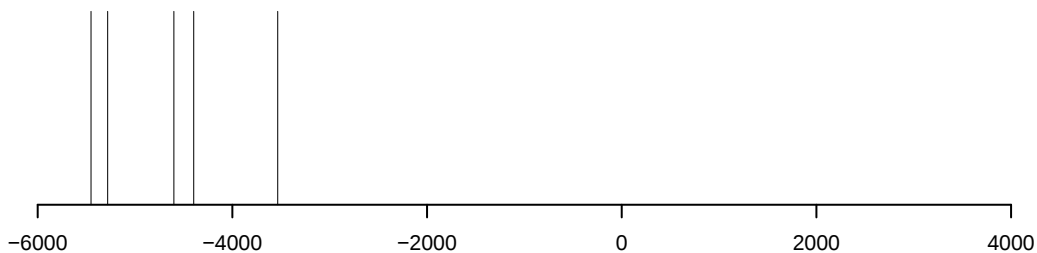
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

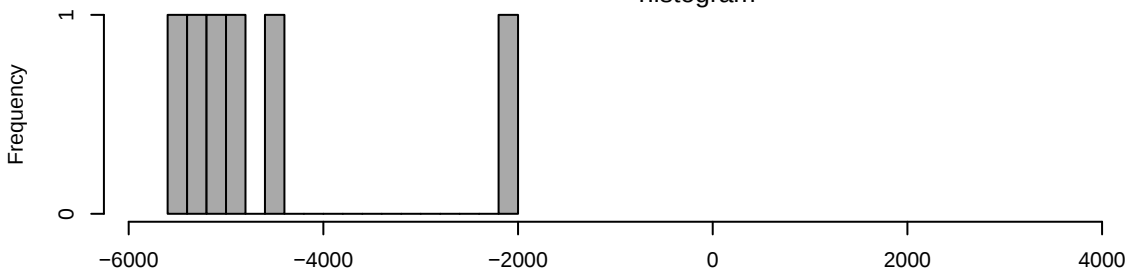
GO:0097720 calcineurin-mediated signaling

beeswarm plot



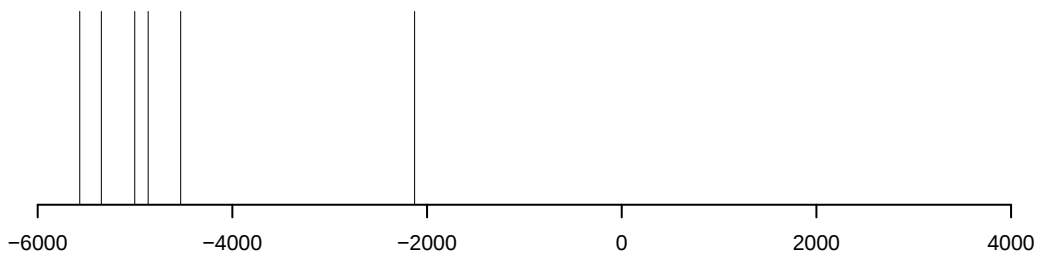
ranked DE score in: x

histogram



ranked DE score in: x

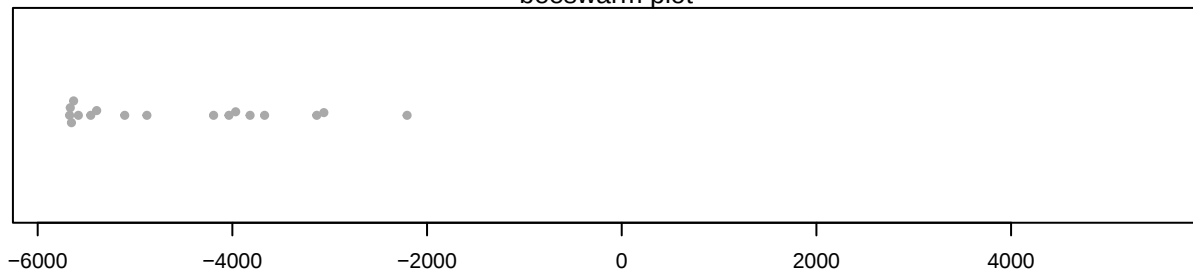
rugplot



ranked DE score in: x

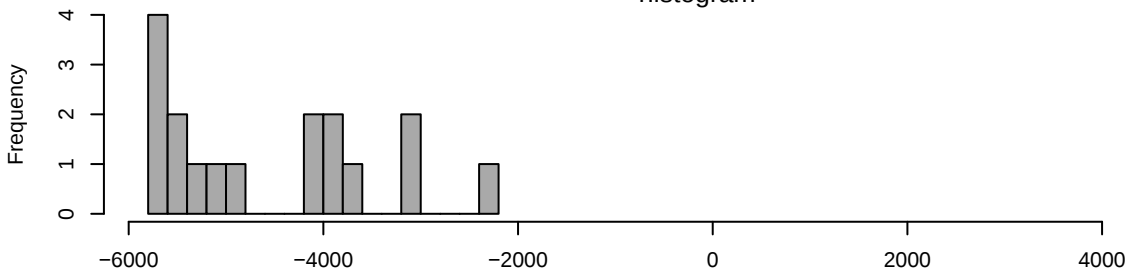
GO:0048024 regulation of mRNA splicing, via spliceosome

beeswarm plot



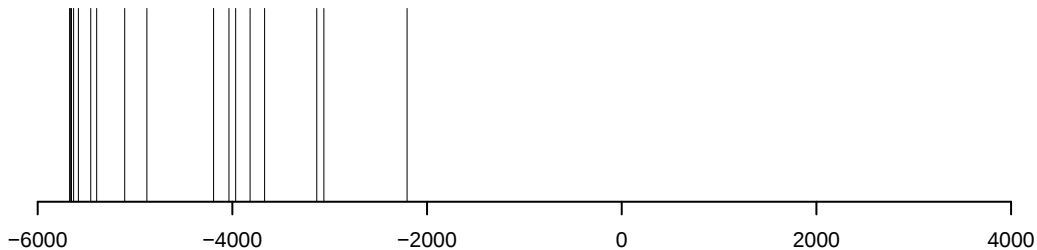
ranked DE score in: x

histogram



ranked DE score in: x

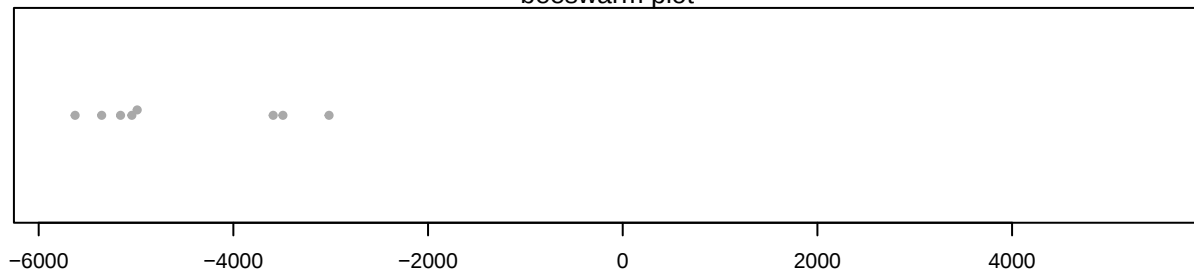
rugplot



ranked DE score in: x

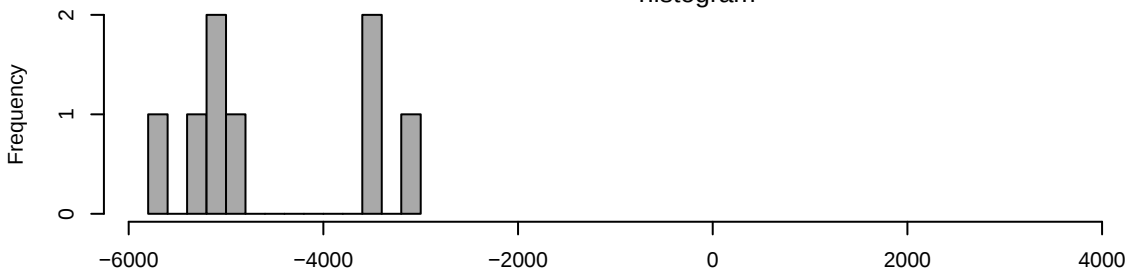
2 negative regulation of nuclear-transcribed mRNA catabolic process, deadenylation-de

beeswarm plot



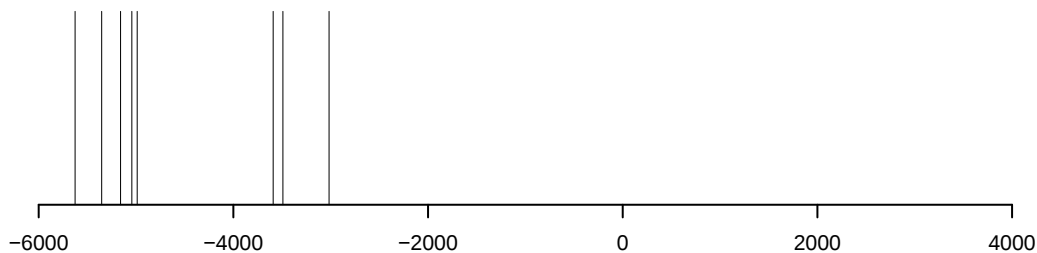
ranked DE score in: x

histogram



ranked DE score in: x

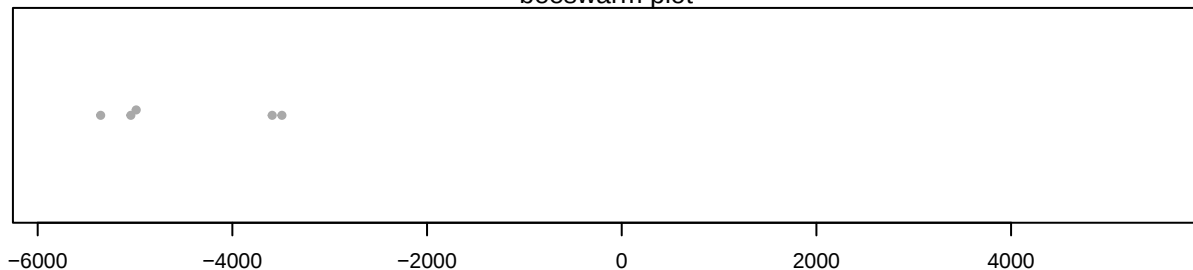
rugplot



ranked DE score in: x

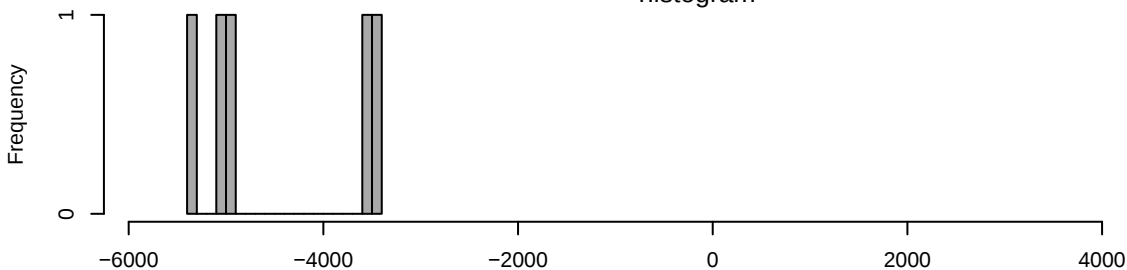
GO:0070937 CRD-mediated mRNA stability complex

beeswarm plot



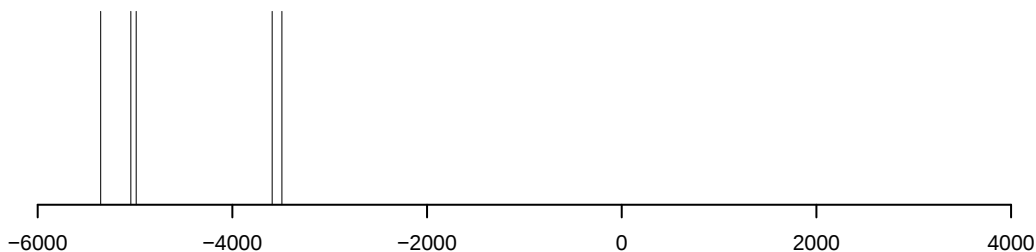
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



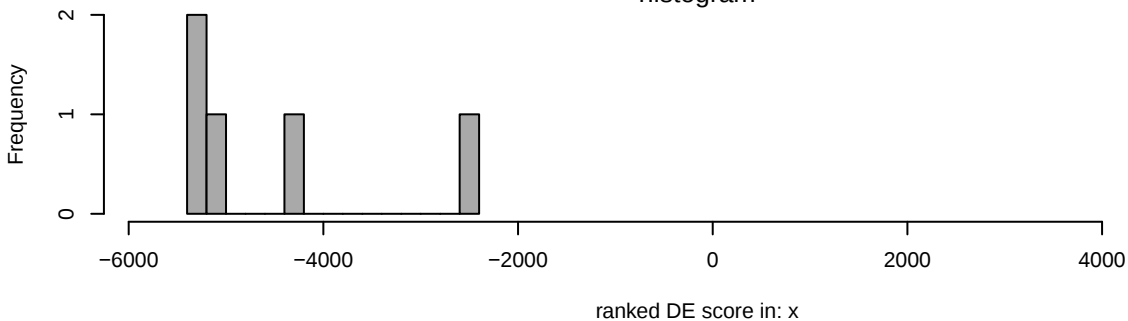
ranked DE score in: x

GO:0005787 signal peptidase complex

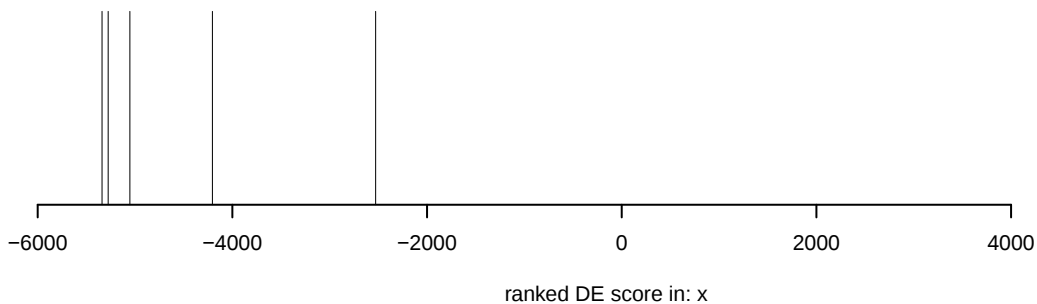
beeswarm plot



histogram

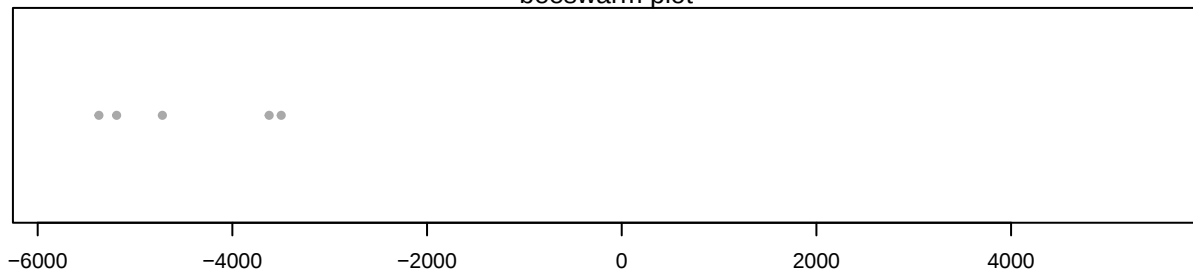


rugplot



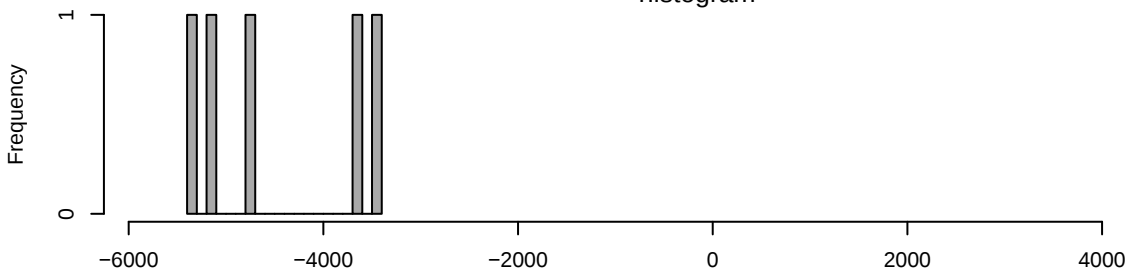
GO:0051223 regulation of protein transport

beeswarm plot



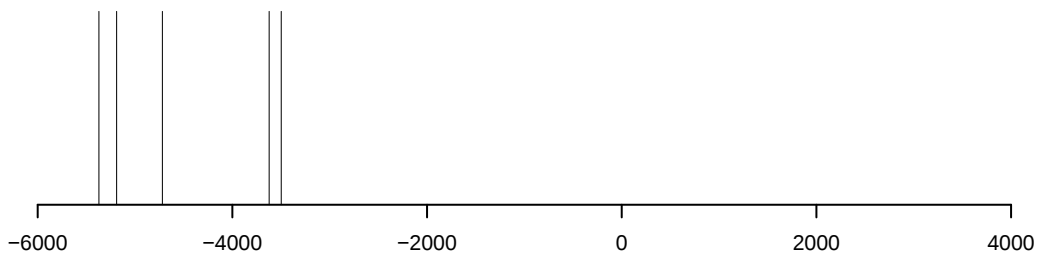
ranked DE score in: x

histogram



ranked DE score in: x

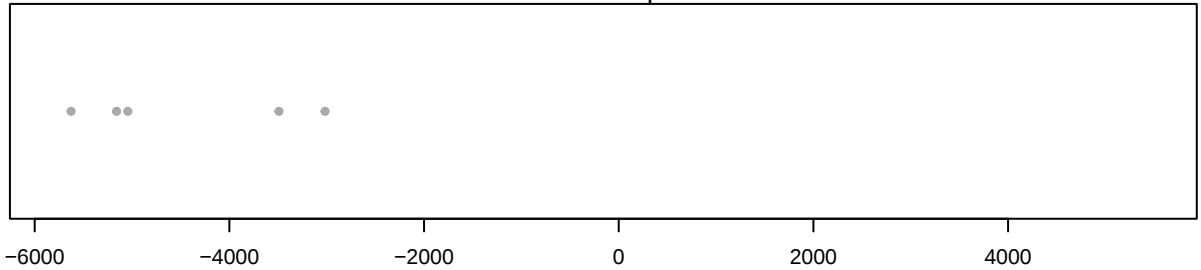
rugplot



ranked DE score in: x

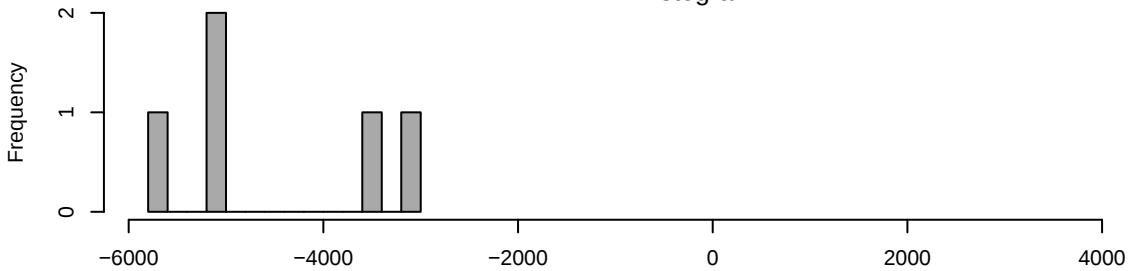
GO:0106002 mCRD-mediated mRNA stability complex

beeswarm plot



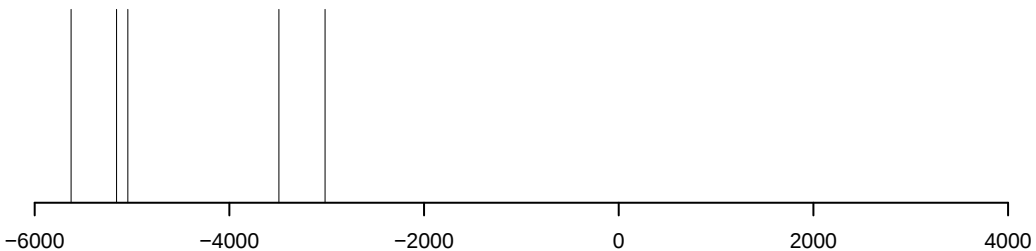
ranked DE score in: x

histogram



ranked DE score in: x

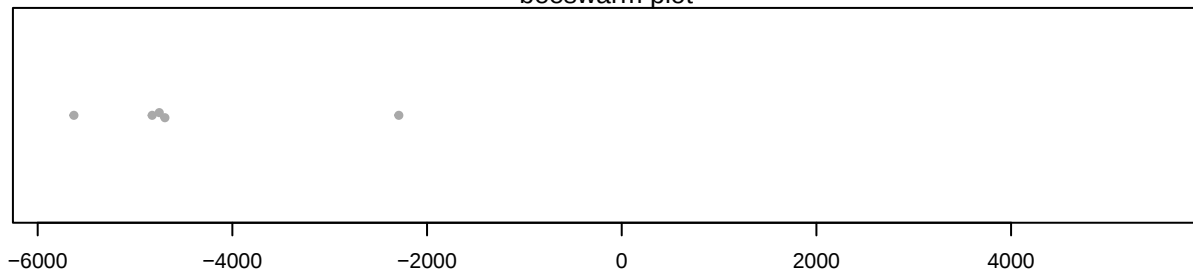
rugplot



ranked DE score in: x

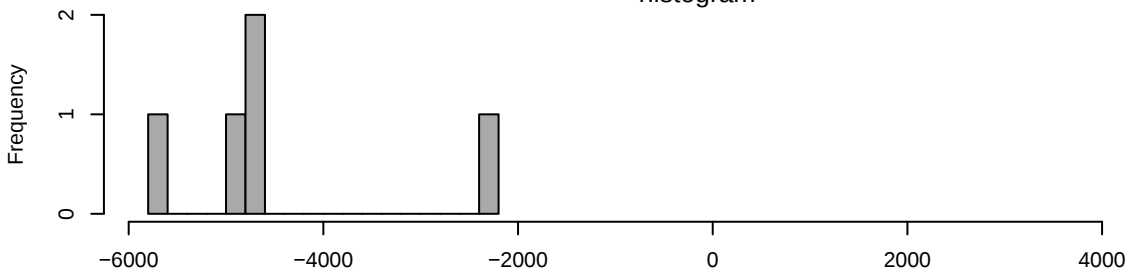
GO:0010764 negative regulation of fibroblast migration

beeswarm plot



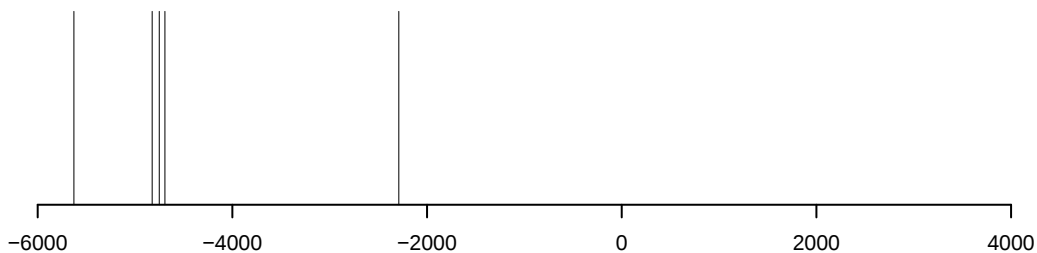
ranked DE score in: x

histogram



ranked DE score in: x

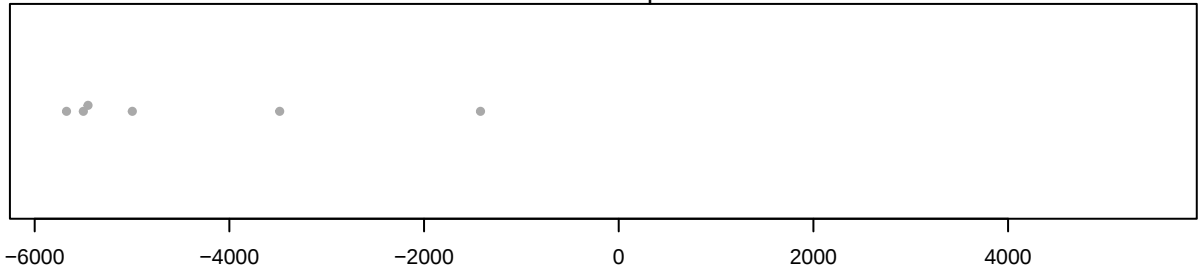
rugplot



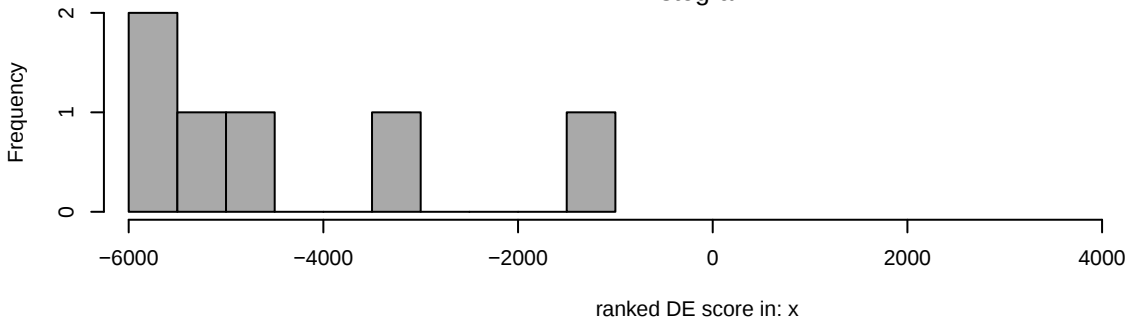
ranked DE score in: x

GO:0038110 interleukin-2-mediated signaling pathway

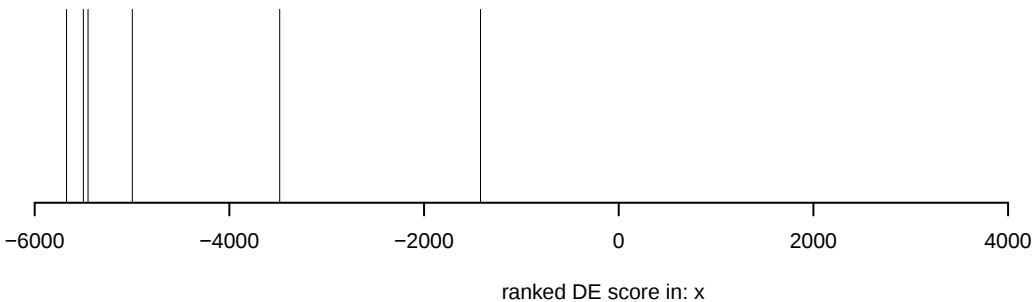
beeswarm plot



histogram

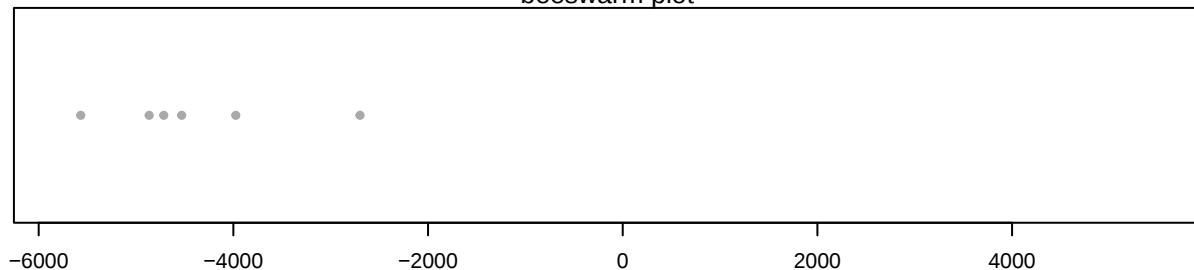


rugplot



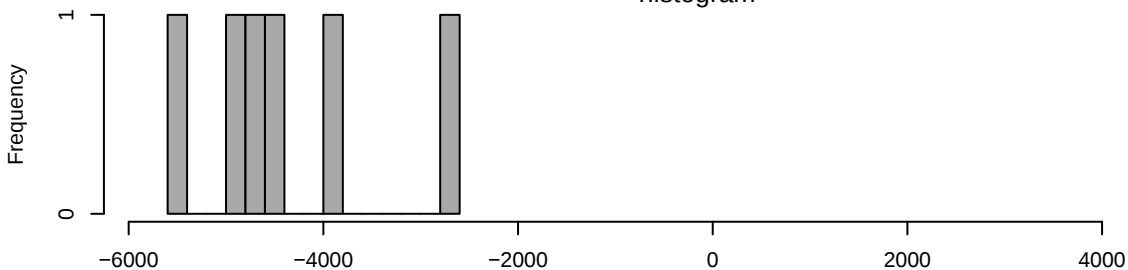
1901844 regulation of cell communication by electrical coupling involved in cardiac conduction

beeswarm plot



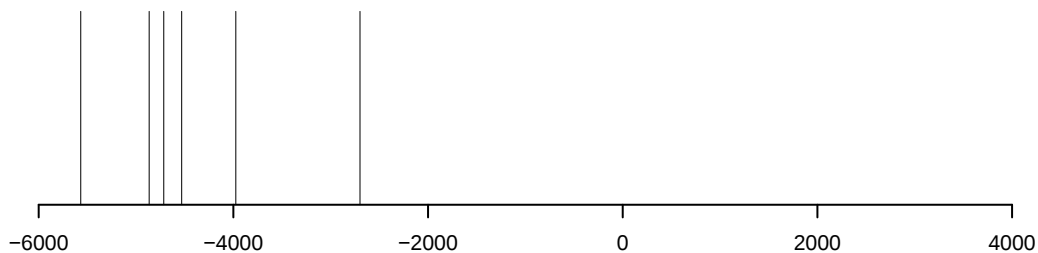
ranked DE score in: x

histogram



ranked DE score in: x

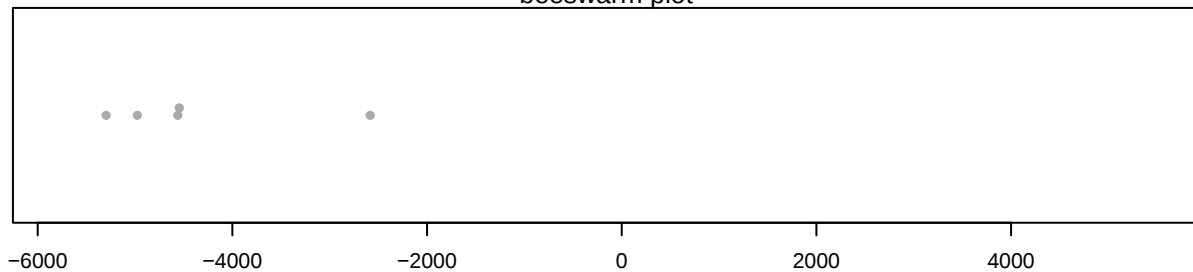
rugplot



ranked DE score in: x

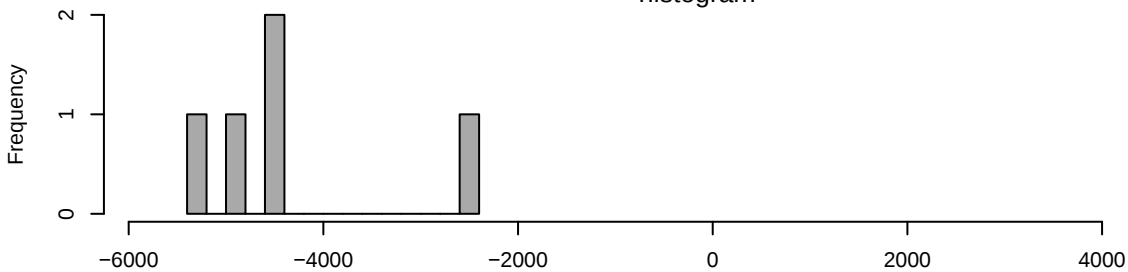
GO:0030118 clathrin coat

beeswarm plot



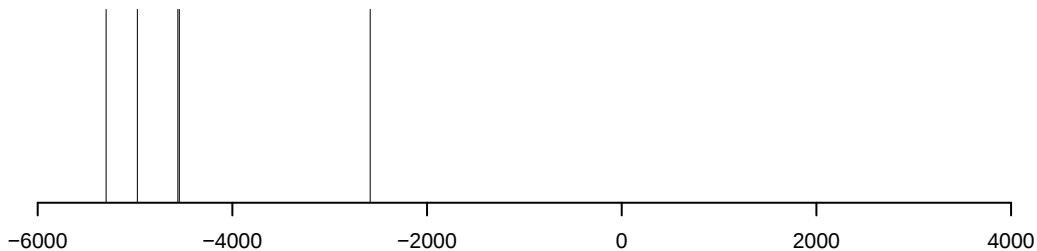
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

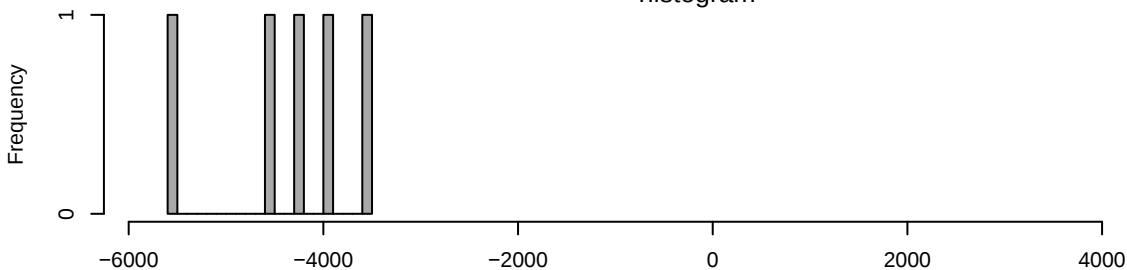
GO:0043323 positive regulation of natural killer cell degranulation

beeswarm plot



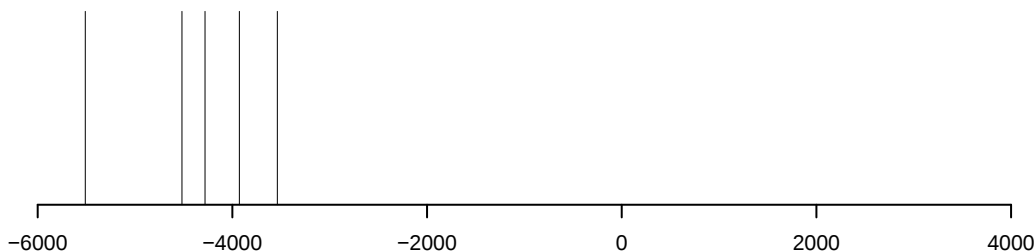
ranked DE score in: x

histogram



ranked DE score in: x

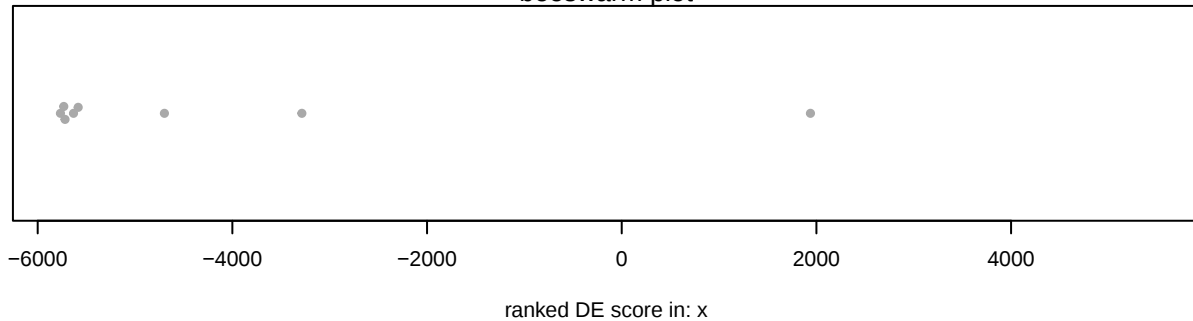
rugplot



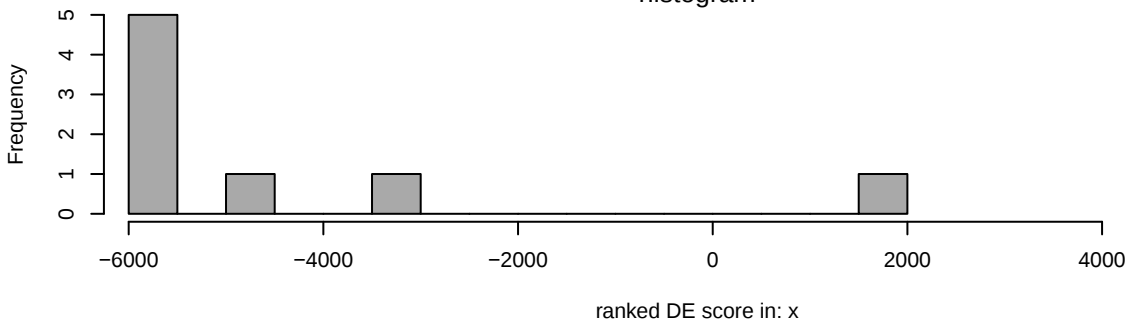
ranked DE score in: x

GO:0019941 modification-dependent protein catabolic process

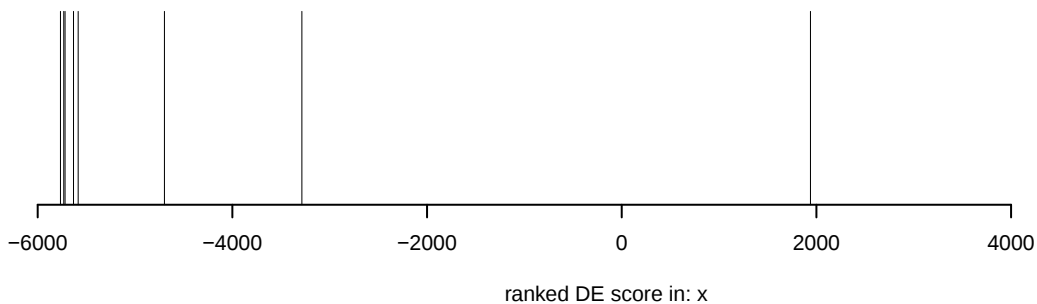
beeswarm plot



histogram

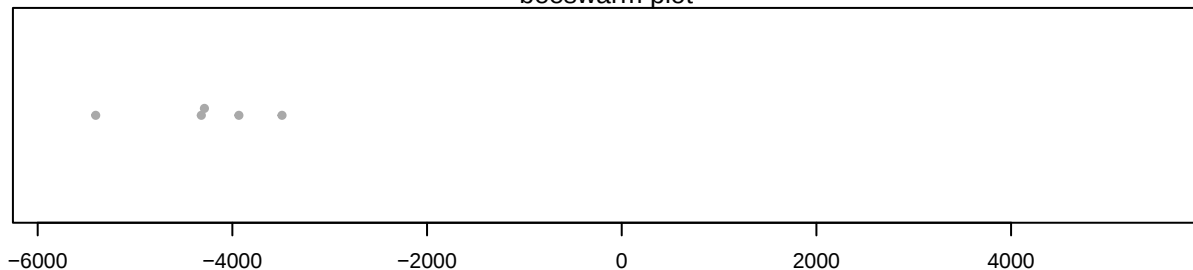


rugplot



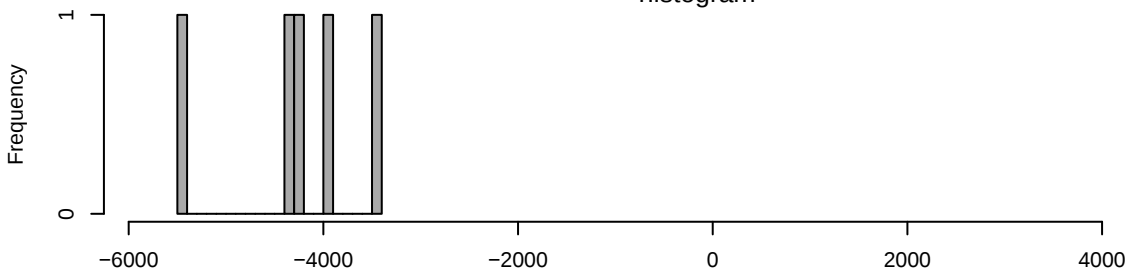
GO:0070418 DNA-dependent protein kinase complex

beeswarm plot



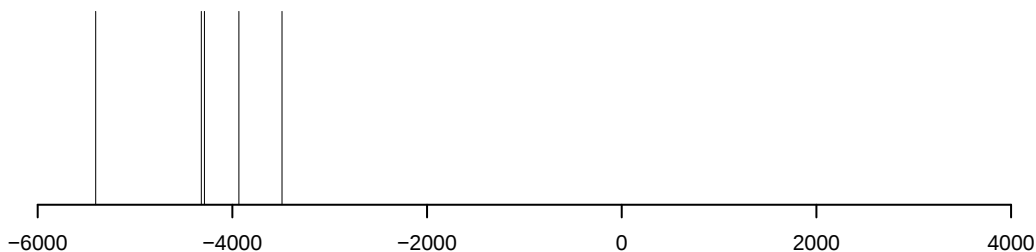
ranked DE score in: x

histogram



ranked DE score in: x

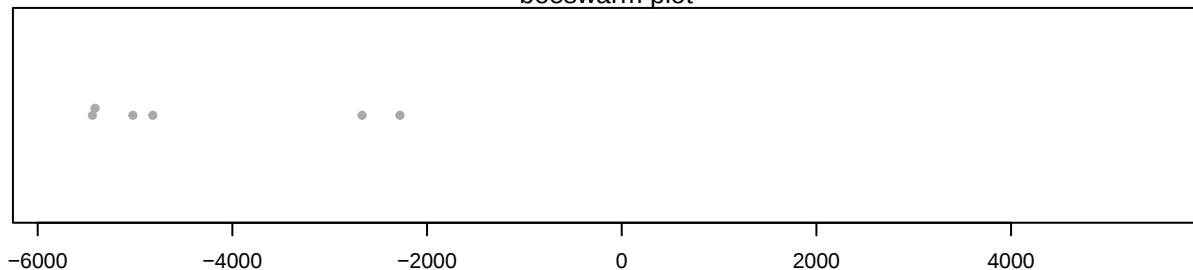
rugplot



ranked DE score in: x

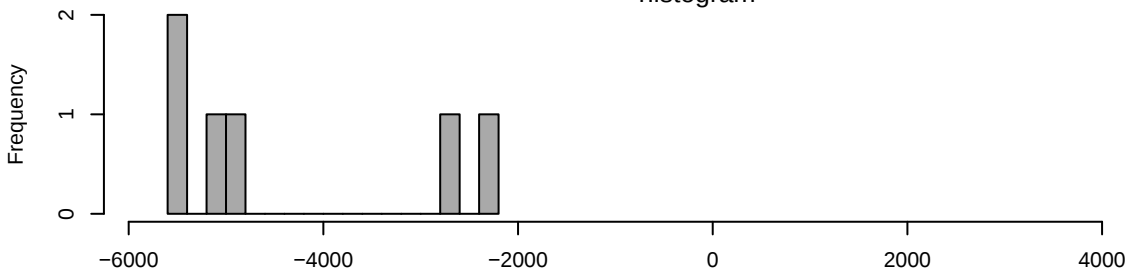
GO:0035976 transcription factor AP-1 complex

beeswarm plot



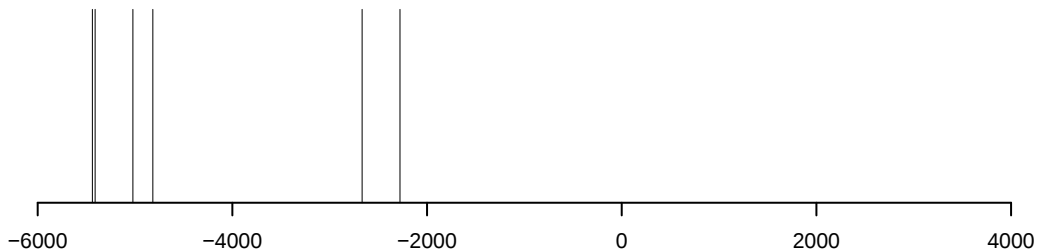
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

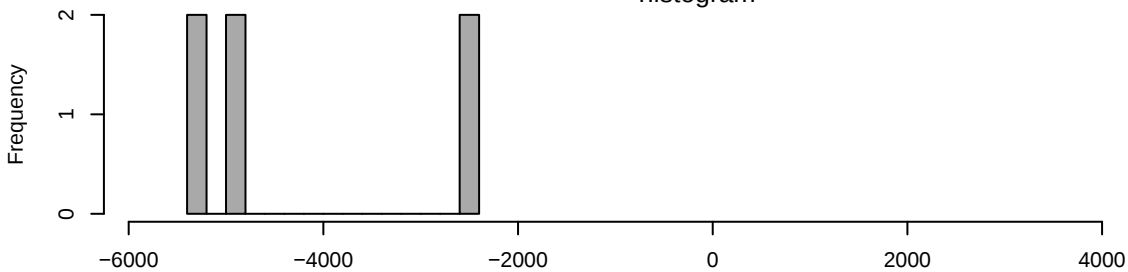
GO:0030130 clathrin coat of trans-Golgi network vesicle

beeswarm plot



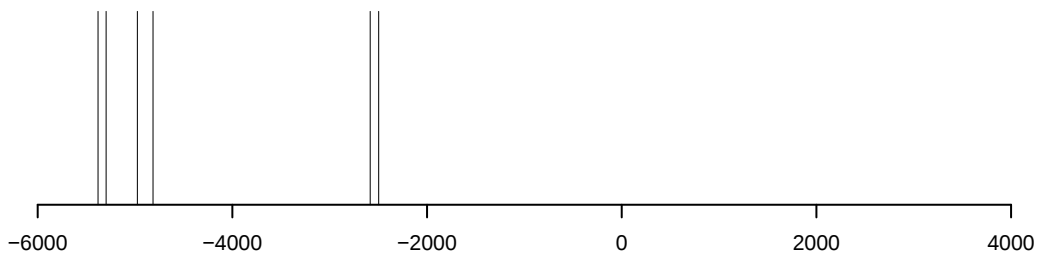
ranked DE score in: x

histogram



ranked DE score in: x

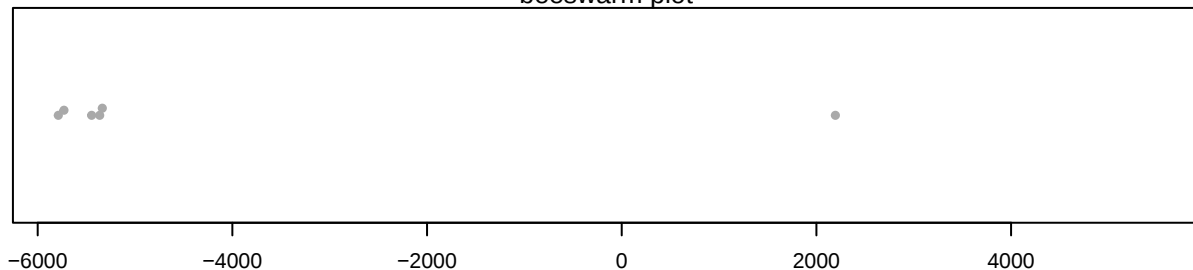
rugplot



ranked DE score in: x

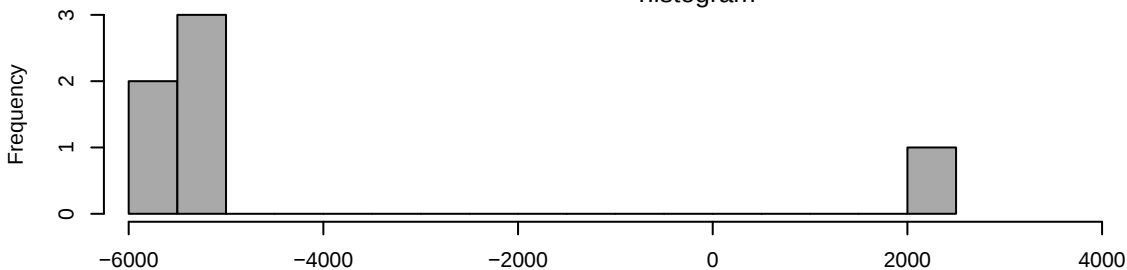
GO:0002502 peptide antigen assembly with MHC class I protein complex

beeswarm plot



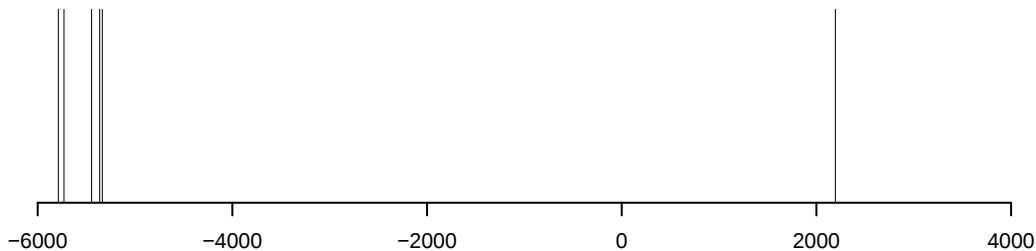
ranked DE score in: x

histogram



ranked DE score in: x

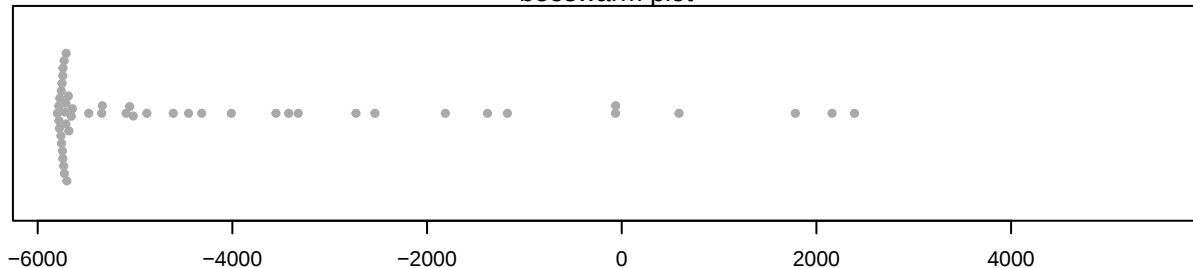
rugplot



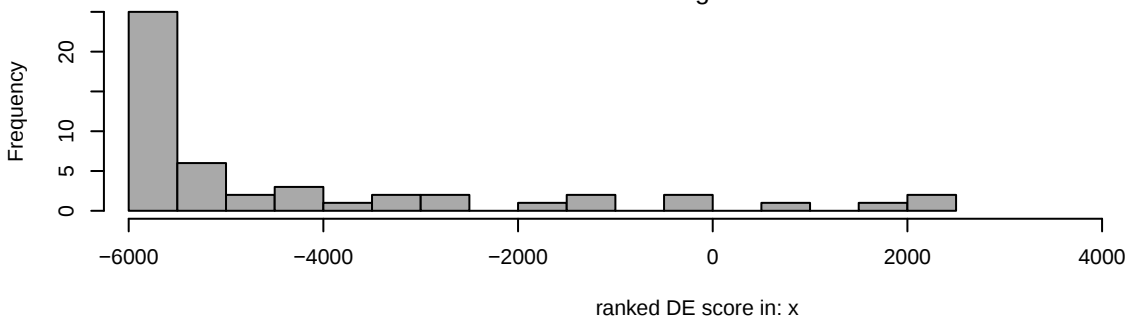
ranked DE score in: x

GO:0005840 ribosome

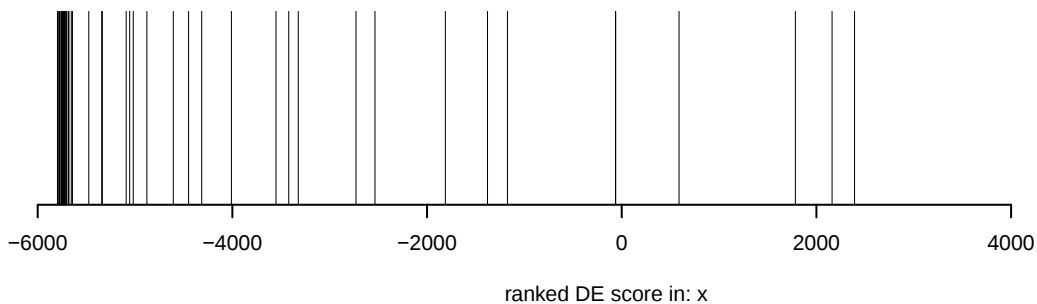
beeswarm plot



histogram

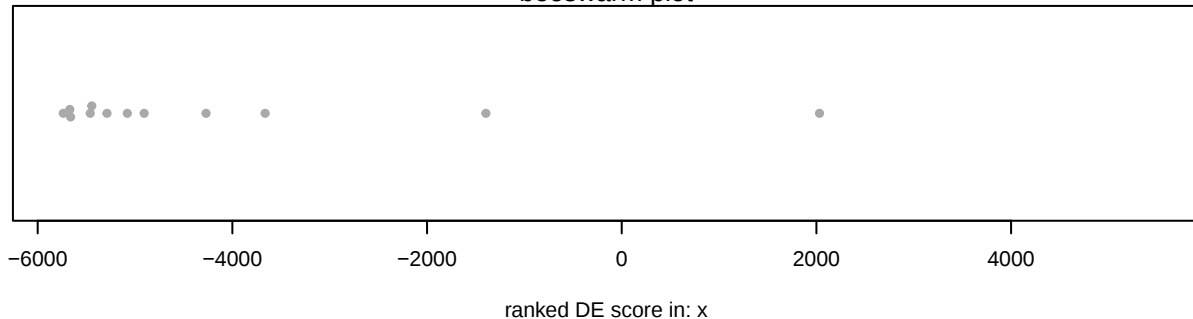


rugplot

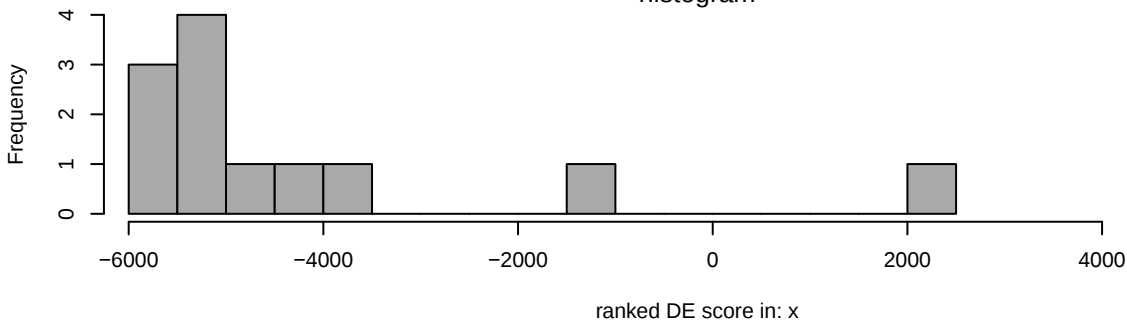


GO:0004129 cytochrome-c oxidase activity

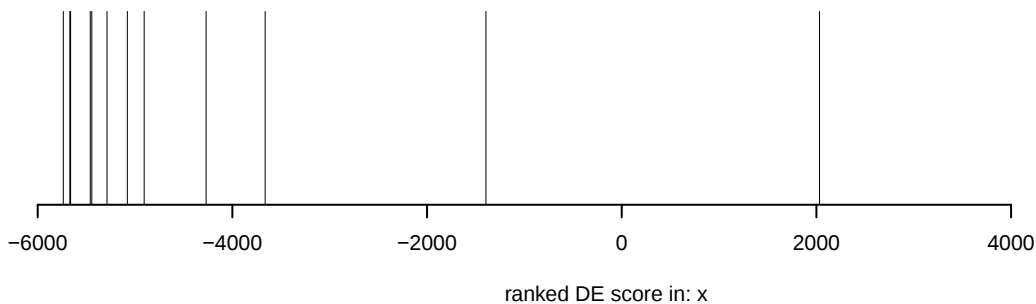
beeswarm plot



histogram

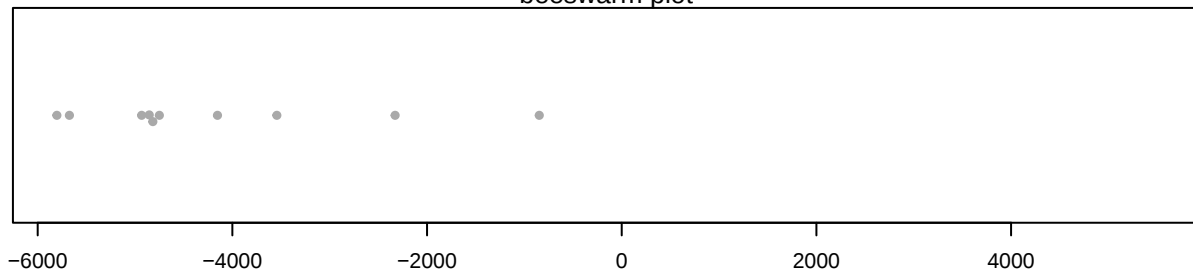


rugplot



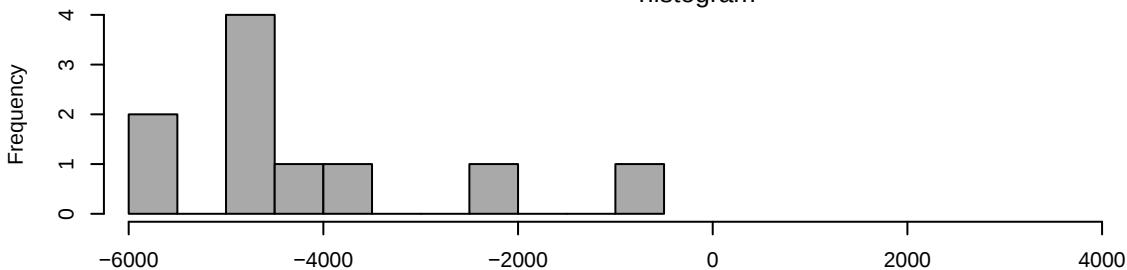
GO:0043922 negative regulation by host of viral transcription

beeswarm plot



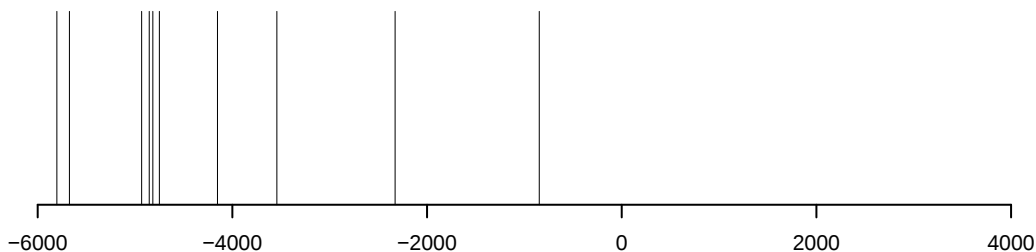
ranked DE score in: x

histogram



ranked DE score in: x

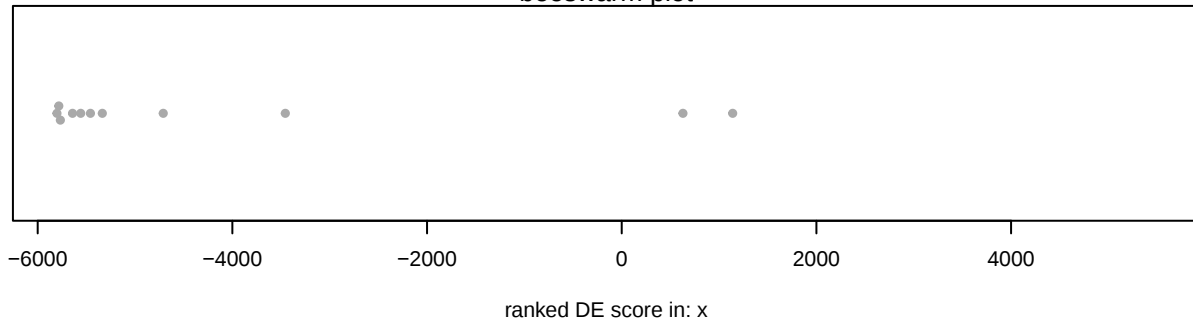
rugplot



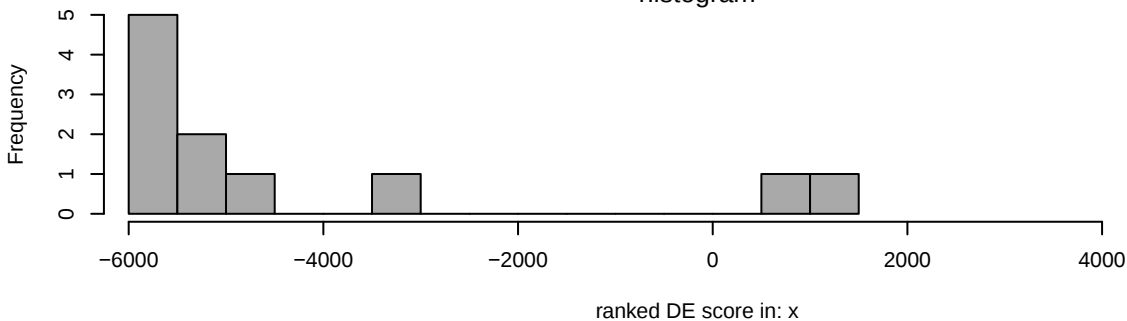
ranked DE score in: x

GO:0044194 cytolytic granule

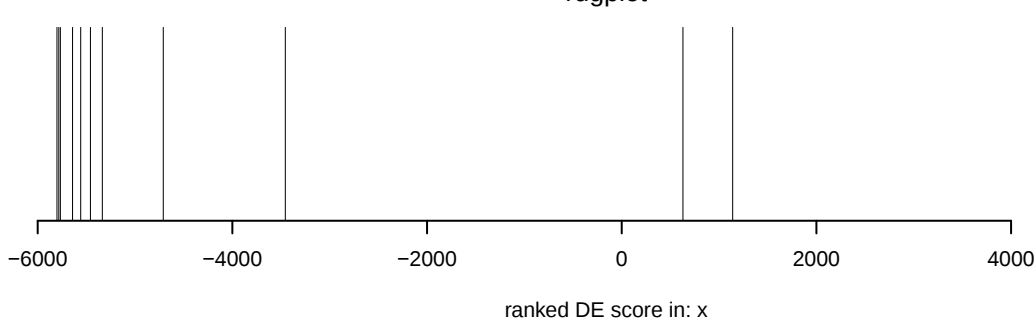
beeswarm plot



histogram



rugplot



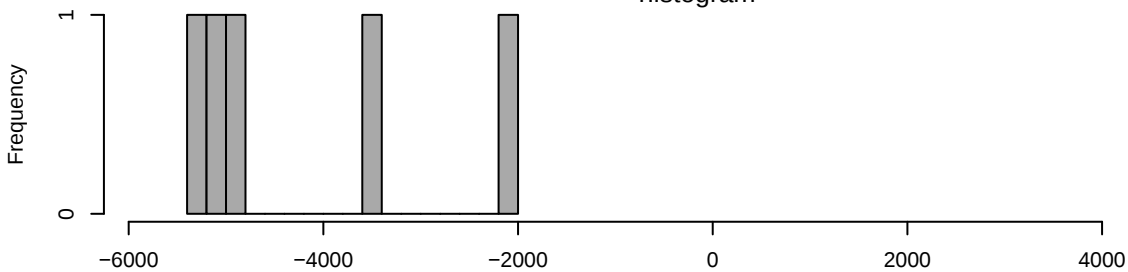
GO:0005955 calcineurin complex

beeswarm plot



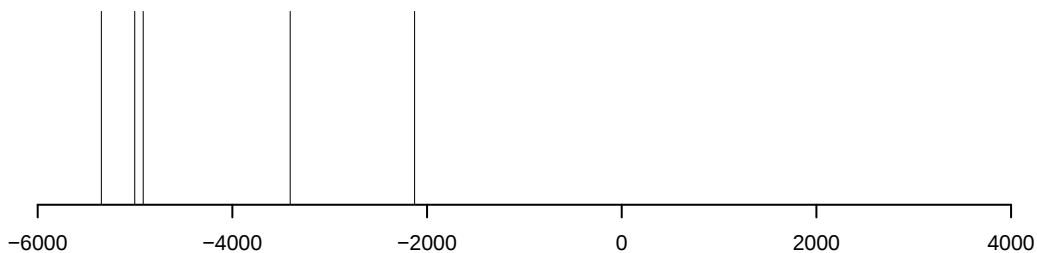
ranked DE score in: x

histogram



ranked DE score in: x

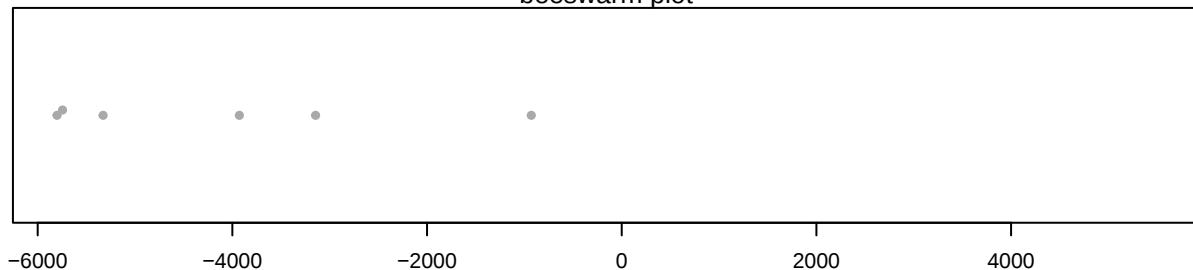
rugplot



ranked DE score in: x

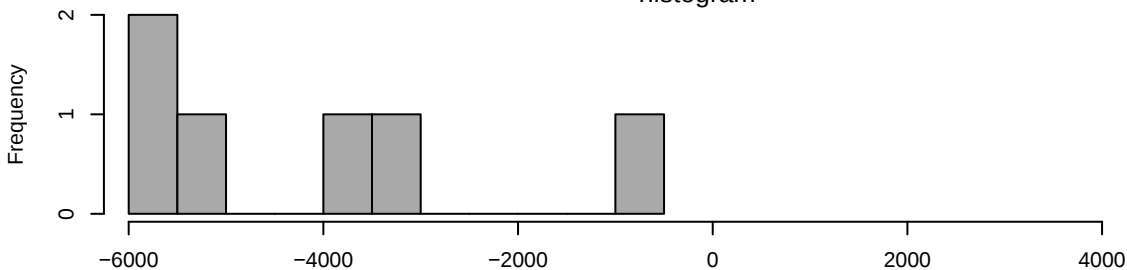
GO:1990405 protein antigen binding

beeswarm plot



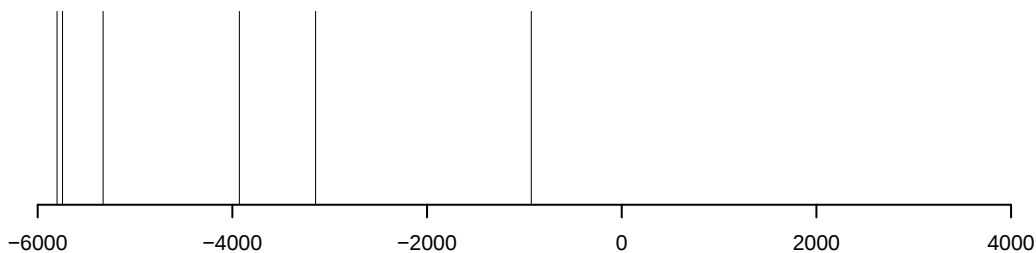
ranked DE score in: x

histogram



ranked DE score in: x

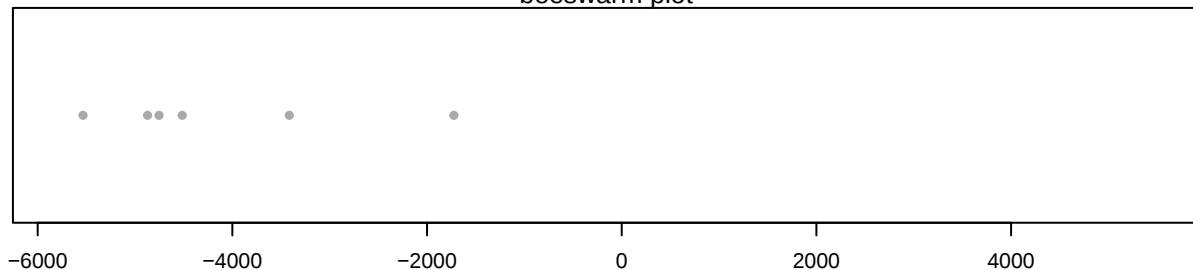
rugplot



ranked DE score in: x

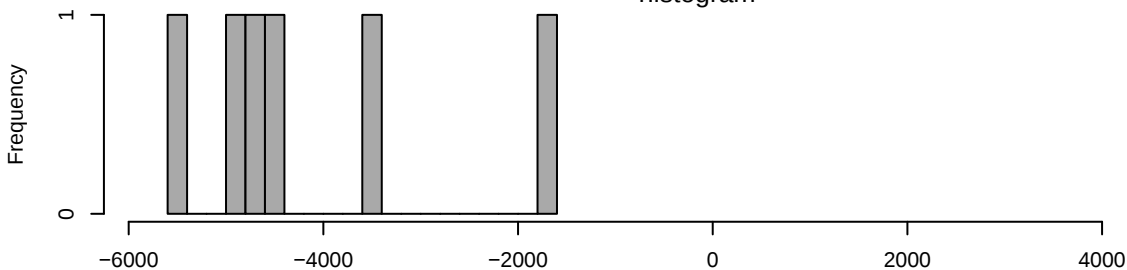
GO:0005940 septin ring

beeswarm plot



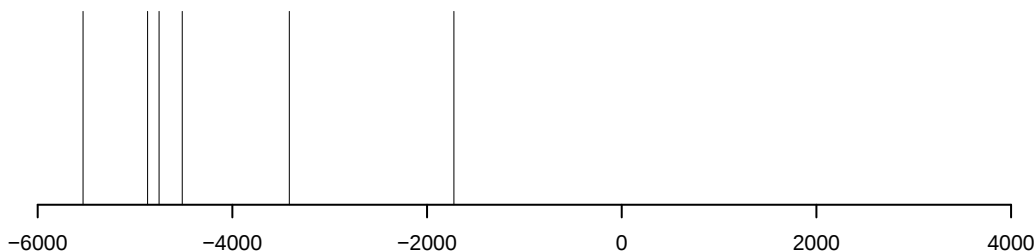
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

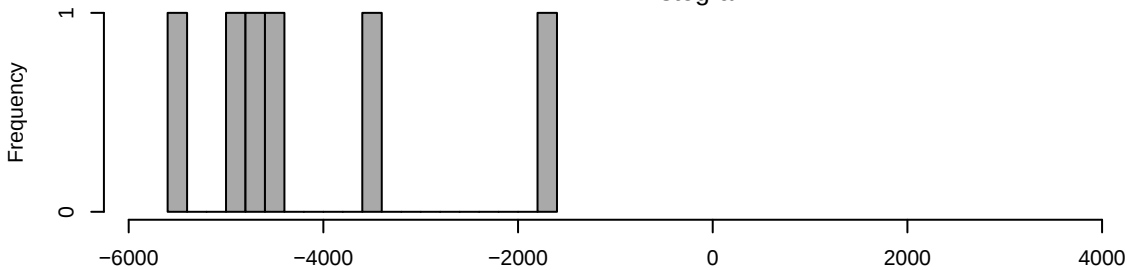
GO:0031105 septin complex

beeswarm plot



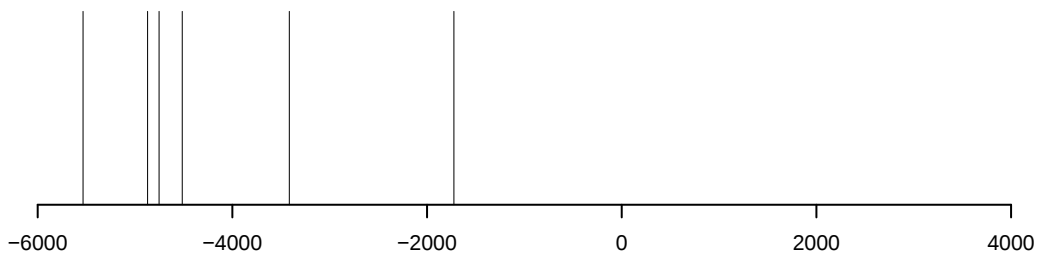
ranked DE score in: x

histogram



ranked DE score in: x

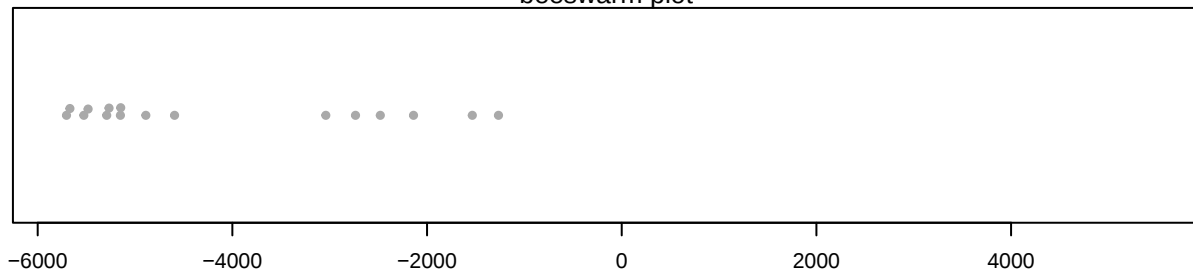
rugplot



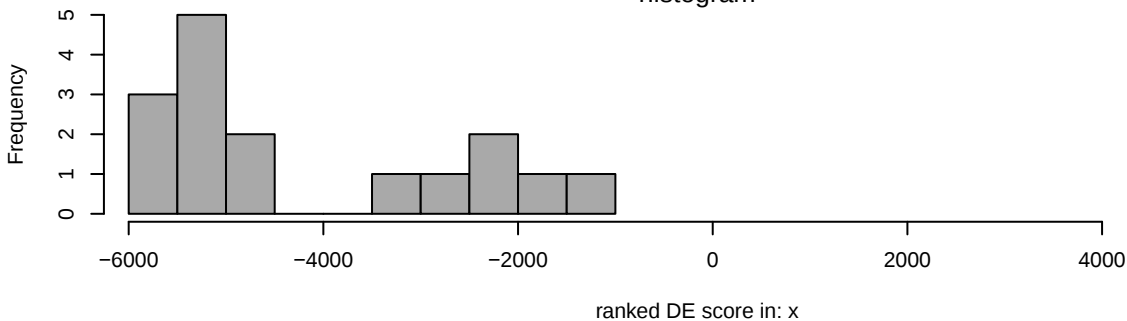
ranked DE score in: x

GO:0046933 proton-transporting ATP synthase activity, rotational mechanism

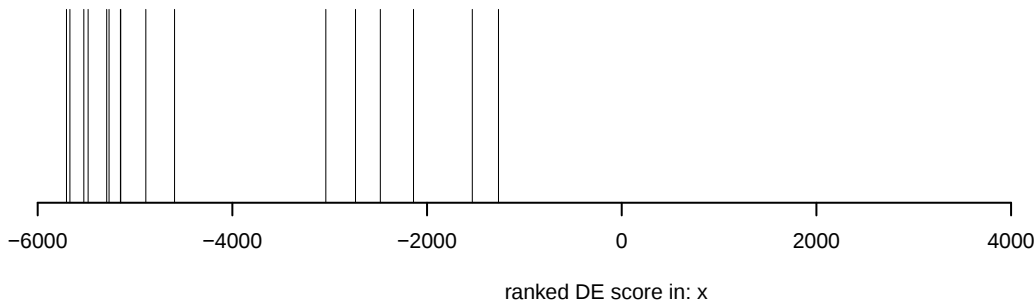
beeswarm plot



histogram

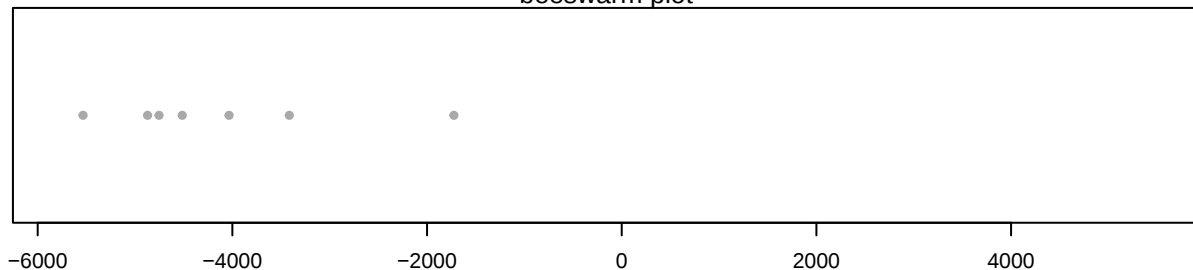


rugplot



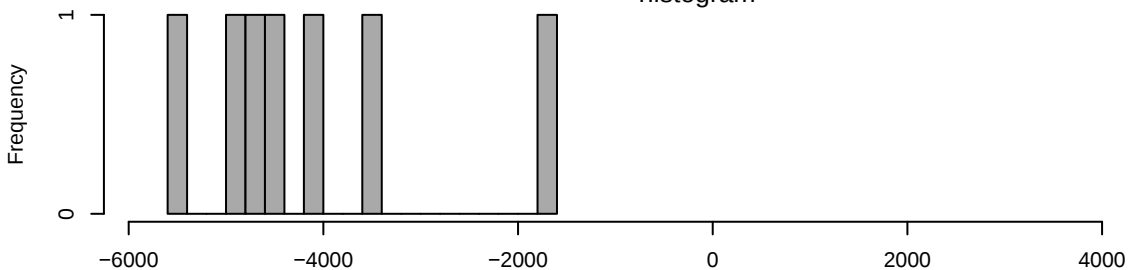
GO:0032153 cell division site

beeswarm plot



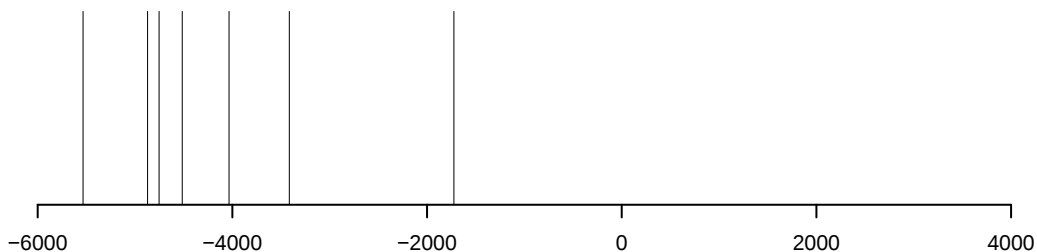
ranked DE score in: x

histogram



ranked DE score in: x

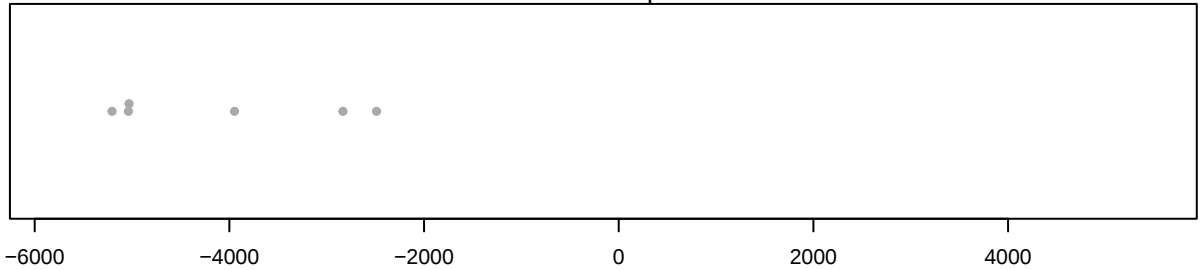
rugplot



ranked DE score in: x

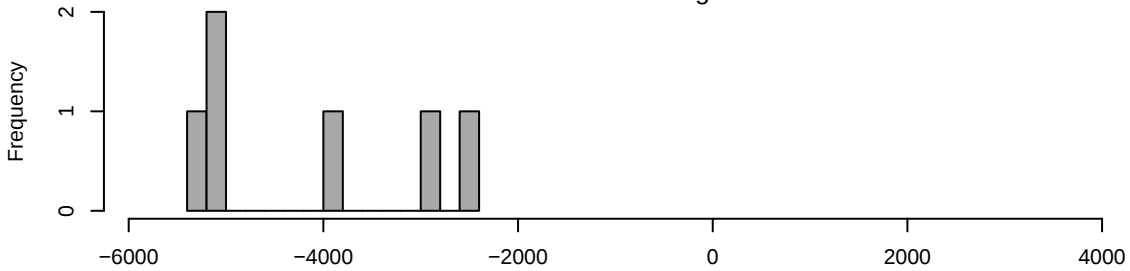
GO:2000179 positive regulation of neural precursor cell proliferation

beeswarm plot



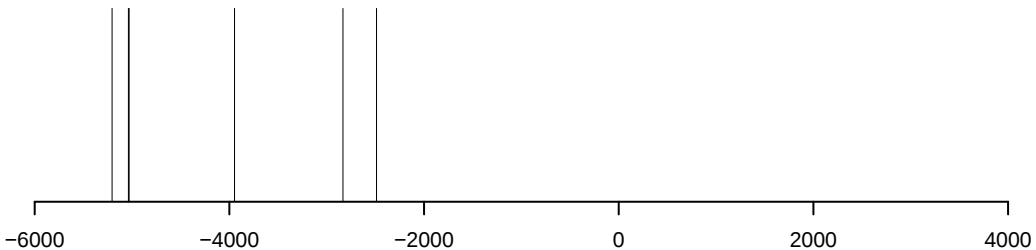
ranked DE score in: x

histogram



ranked DE score in: x

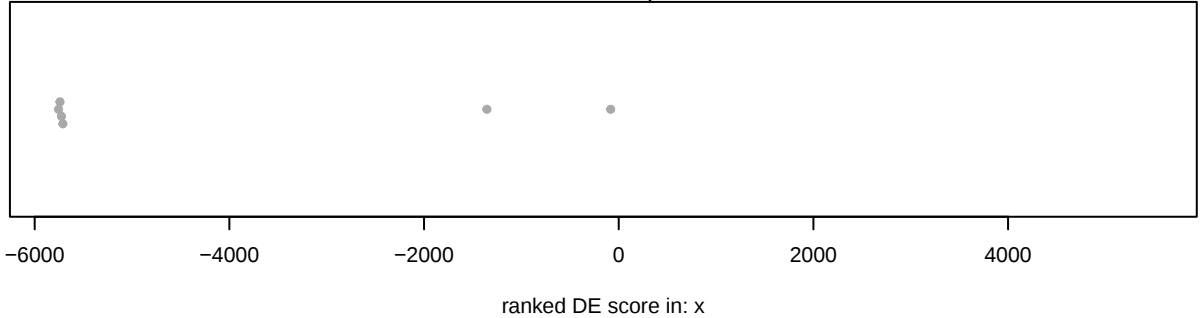
rugplot



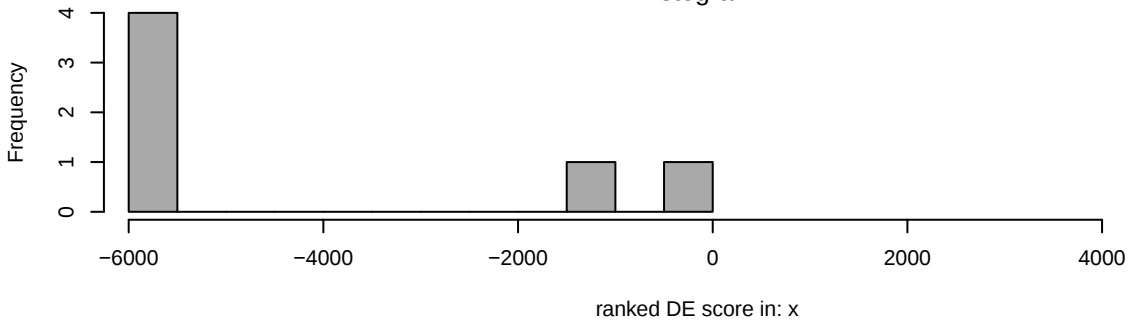
ranked DE score in: x

GO:0098556 cytoplasmic side of rough endoplasmic reticulum membrane

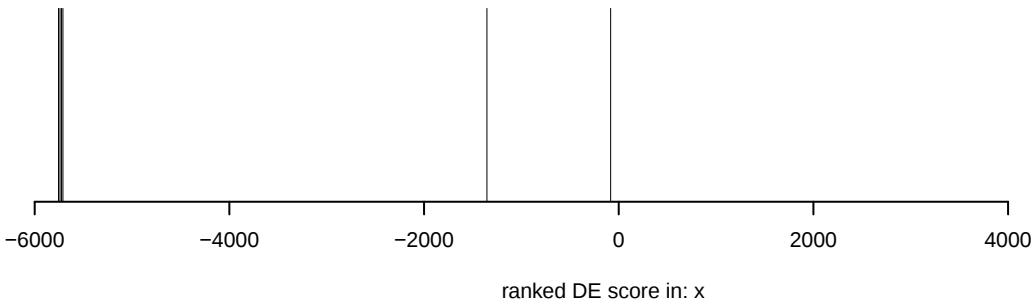
beeswarm plot



histogram

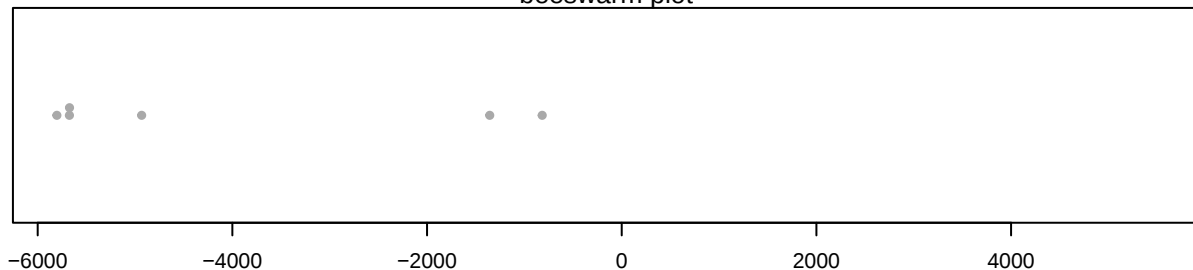


rugplot



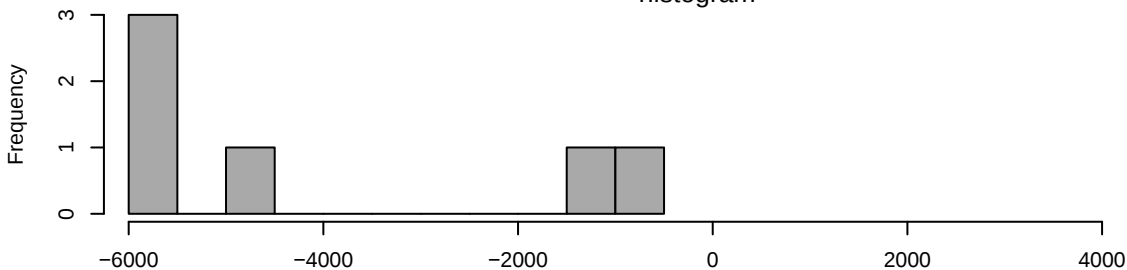
GO:0031730 CCR5 chemokine receptor binding

beeswarm plot



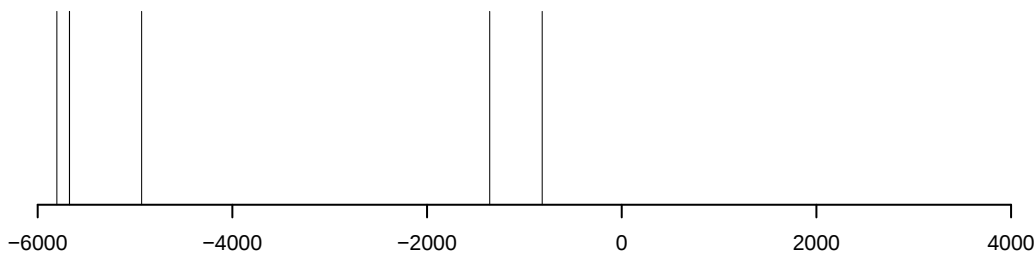
ranked DE score in: x

histogram



ranked DE score in: x

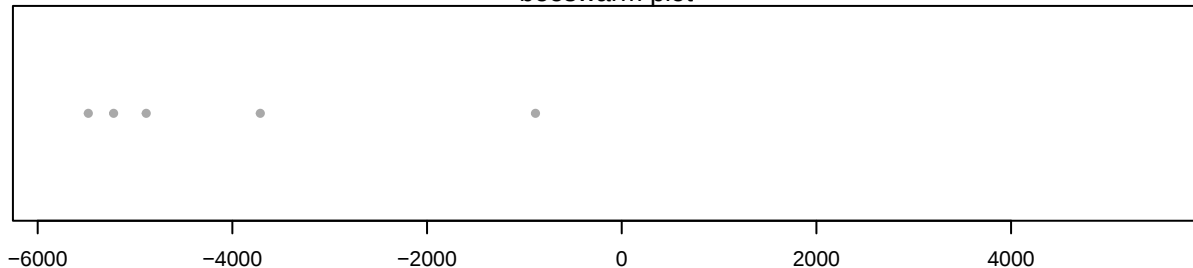
rugplot



ranked DE score in: x

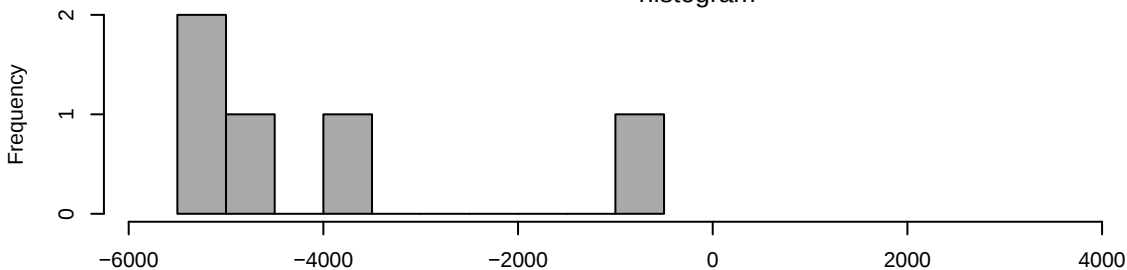
GO:0005942 phosphatidylinositol 3-kinase complex

beeswarm plot



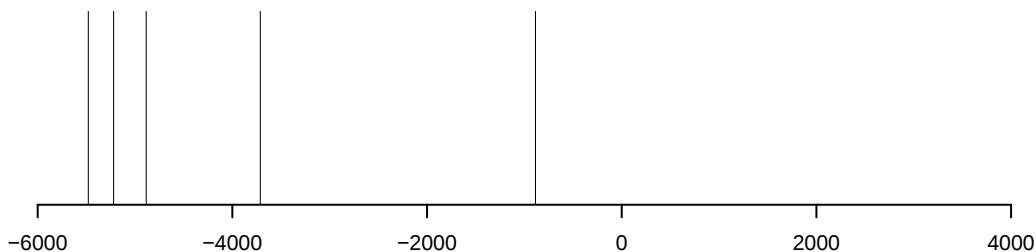
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



ranked DE score in: x

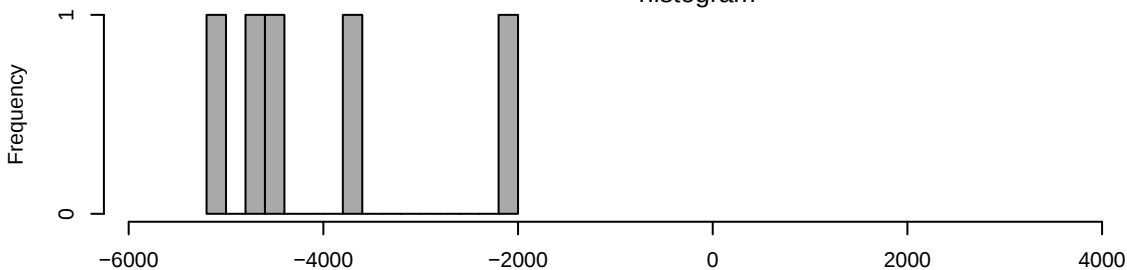
GO:0033592 RNA strand annealing activity

beeswarm plot



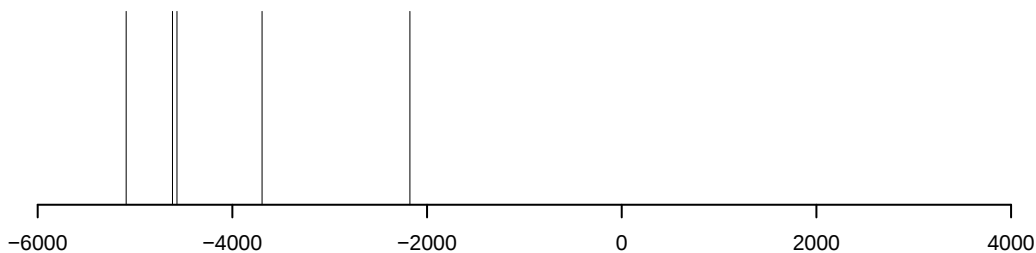
ranked DE score in: x

histogram



ranked DE score in: x

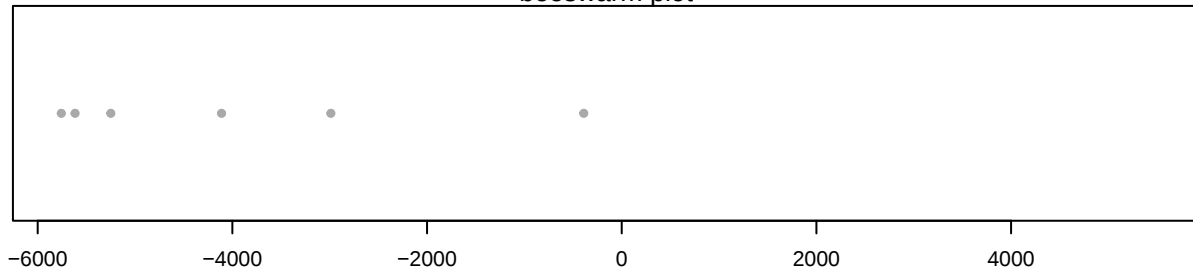
rugplot



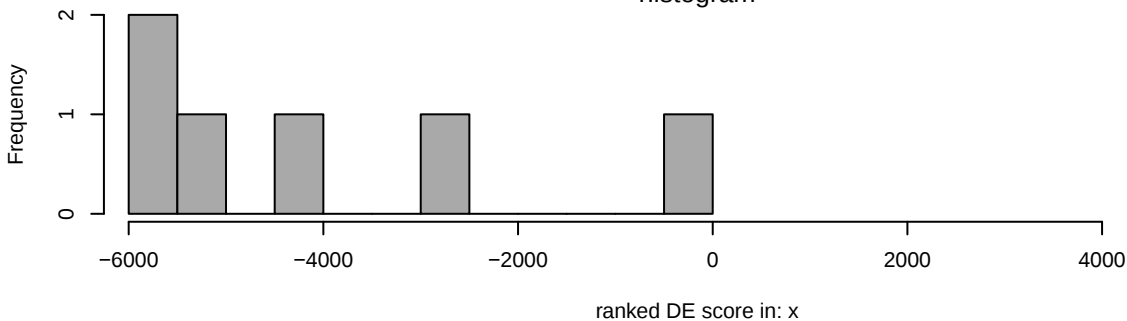
ranked DE score in: x

GO:0097100 supercoiled DNA binding

beeswarm plot



histogram



rugplot

