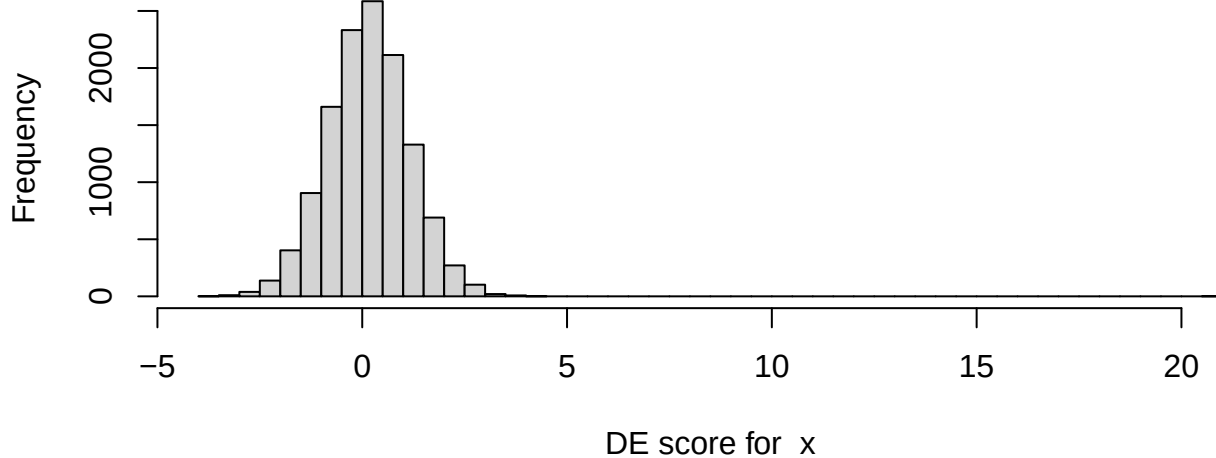
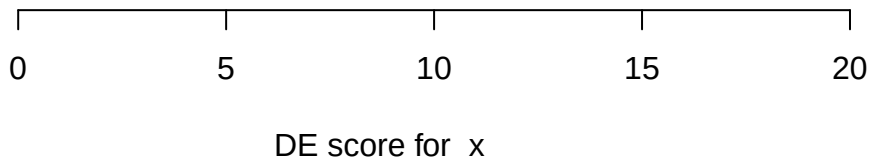


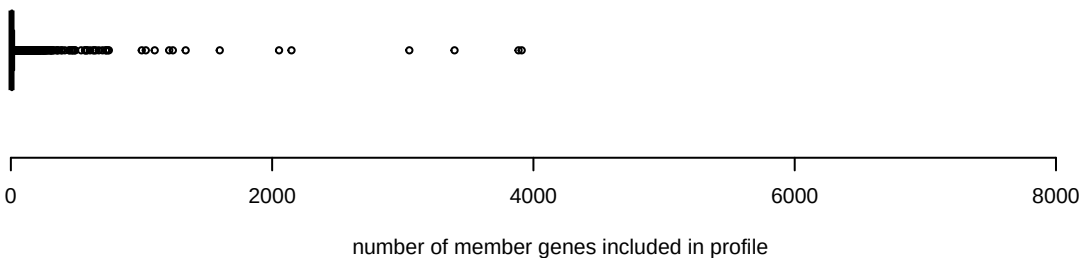
Distribution of DE scores



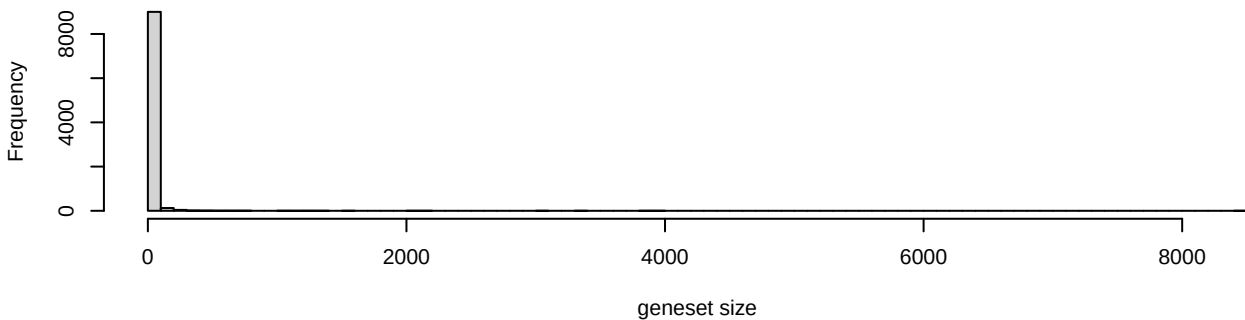
12609 genes in total, 7121 trending up-regulated, 5488 trending down-regulated



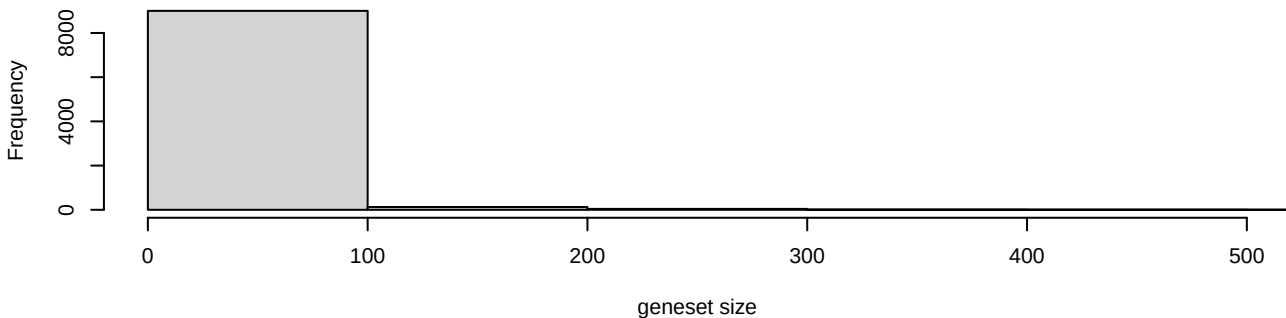
Gene set size



Histogram of geneset size

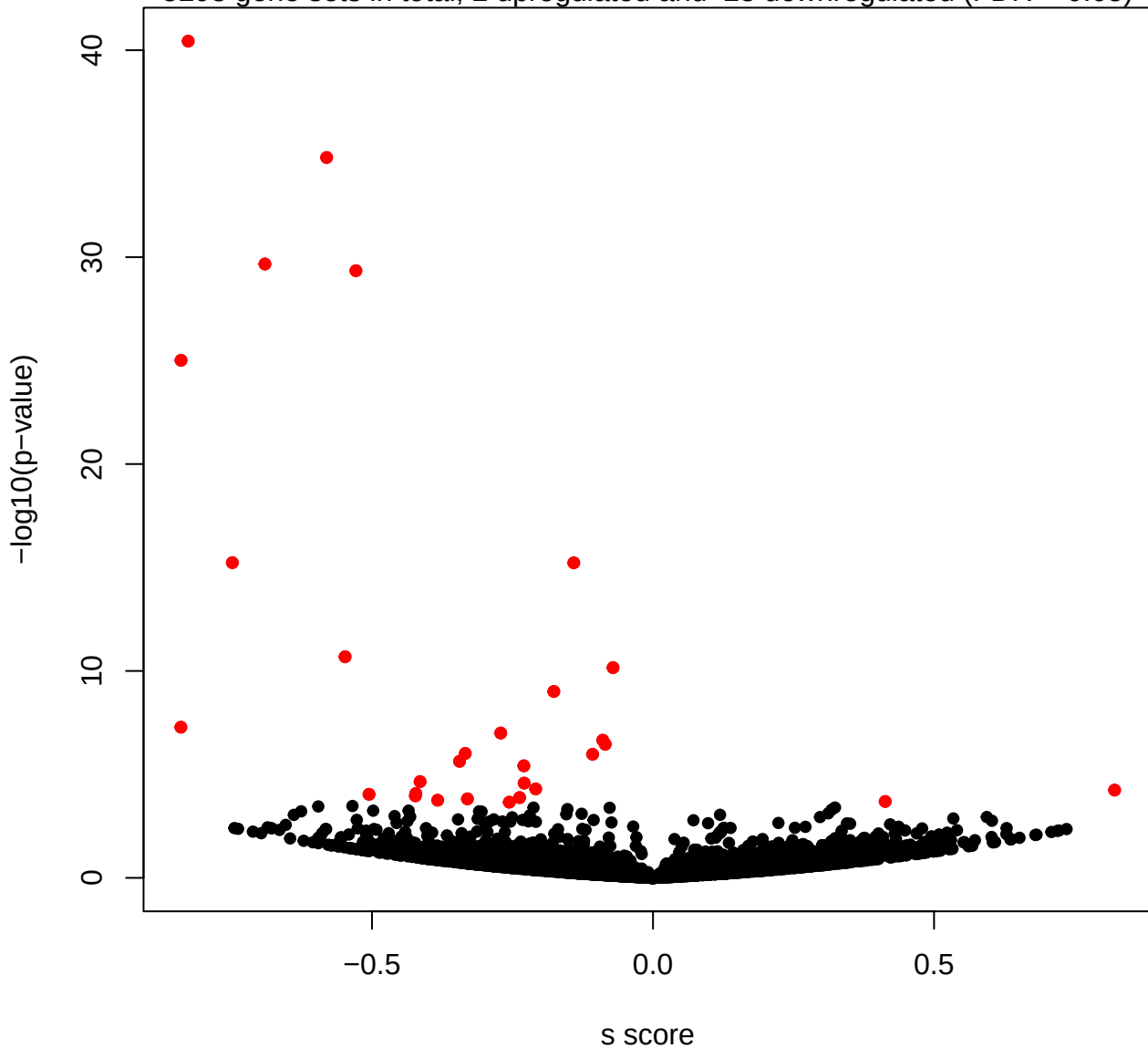


Trimmed histogram of geneset size



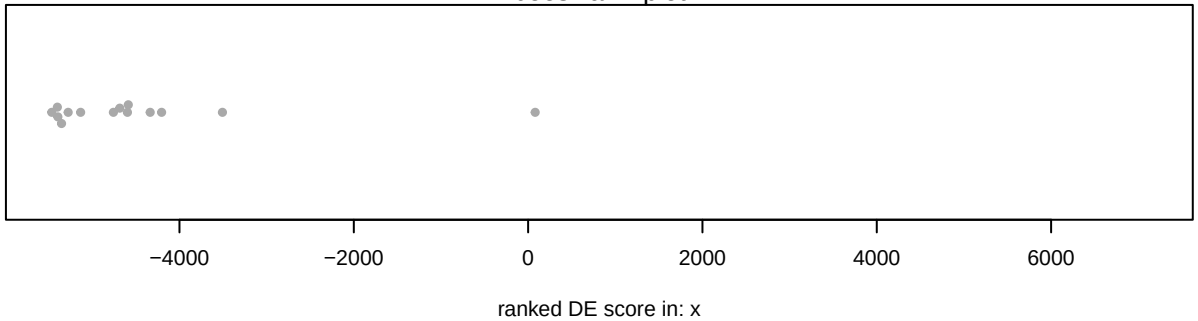
volcano plot of gene set enrichments

5293 gene sets in total, 2 upregulated and 28 downregulated (FDR $\leq$ 0.05)

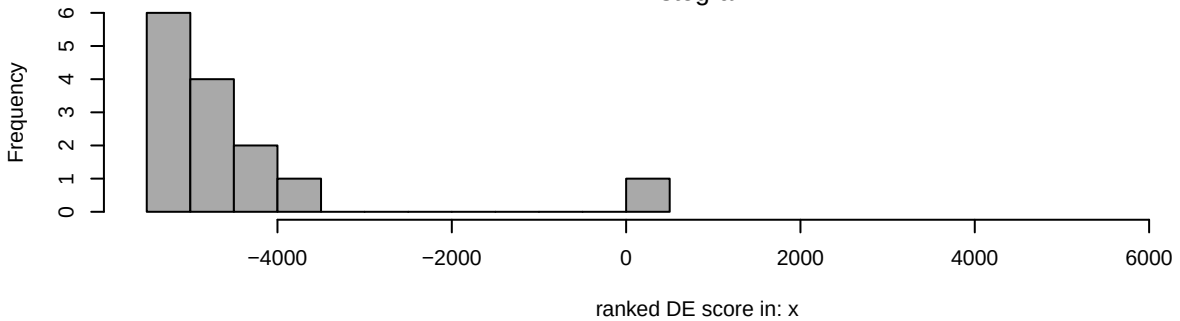


GO:0015935 small ribosomal subunit

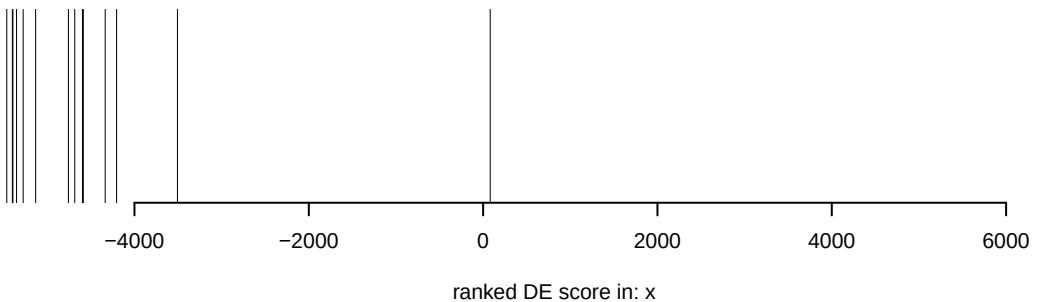
beeswarm plot



histogram

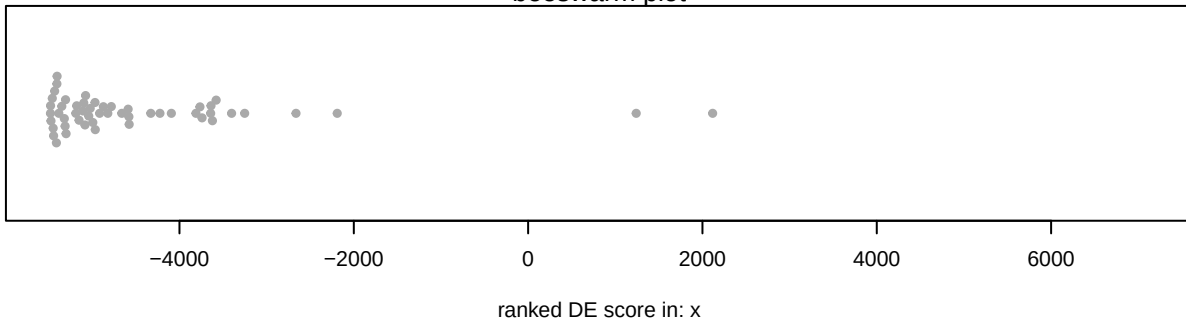


rugplot

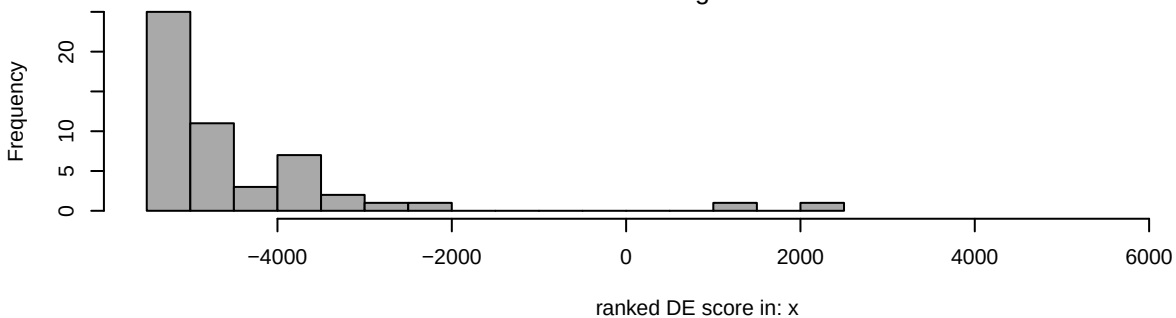


GO:0022625 cytosolic large ribosomal subunit

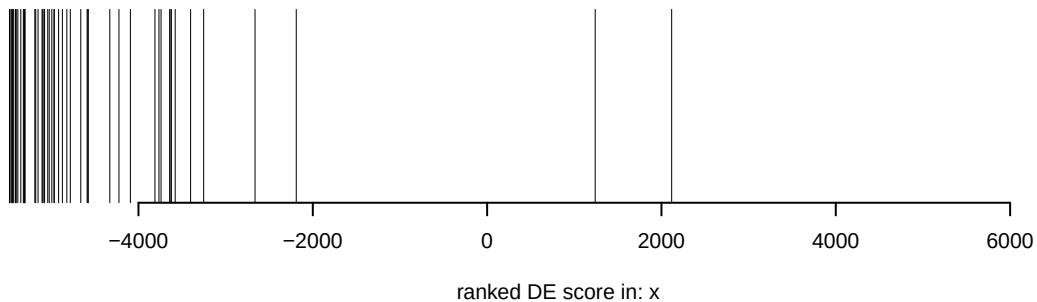
beeswarm plot



histogram

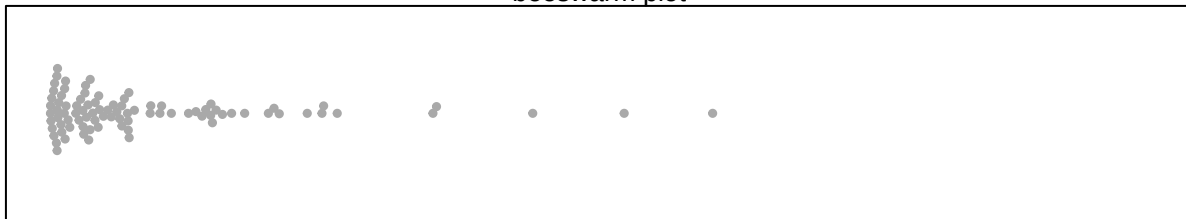


rugplot



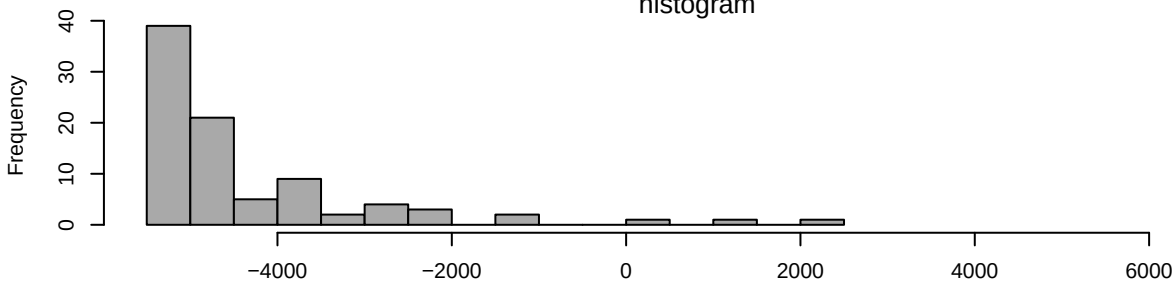
GO:0002181 cytoplasmic translation

beeswarm plot



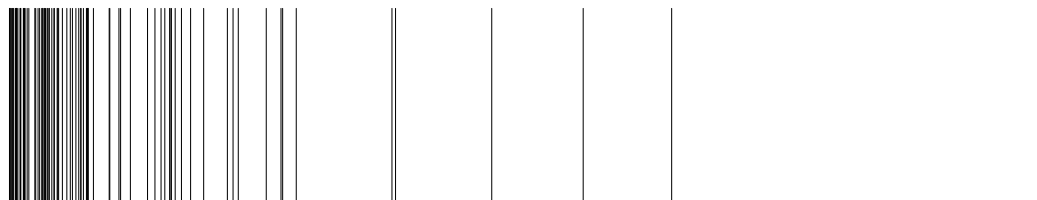
ranked DE score in: x

histogram



ranked DE score in: x

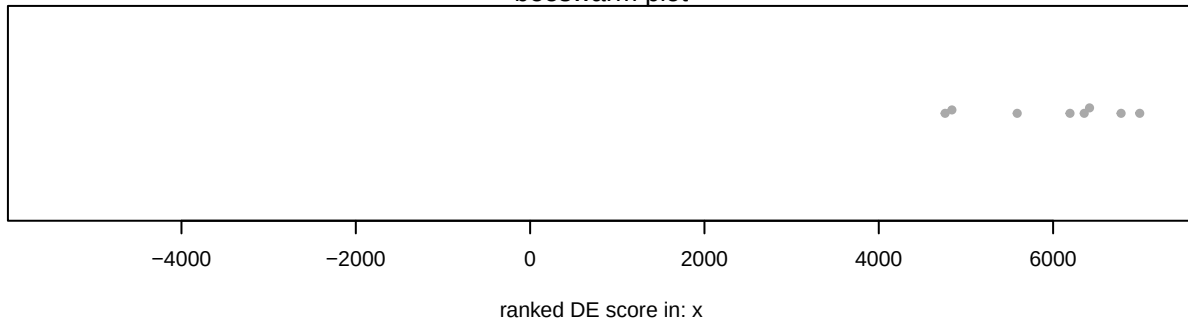
rugplot



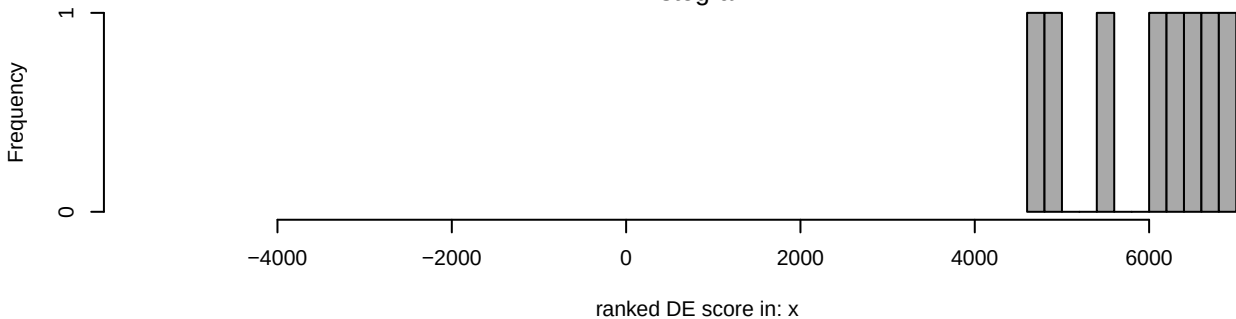
ranked DE score in: x

GO:0033106 cis-Golgi network membrane

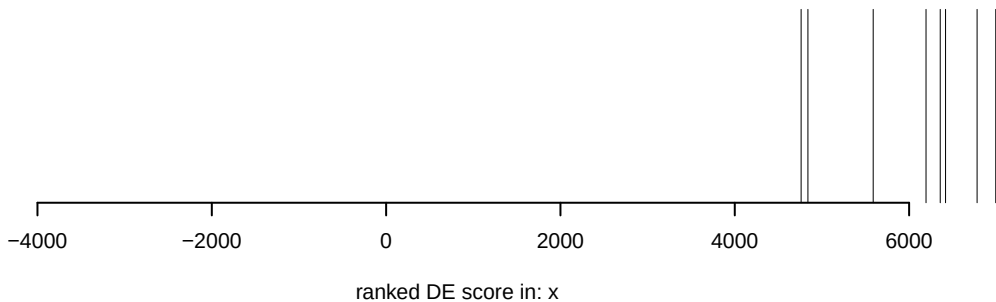
beeswarm plot



histogram

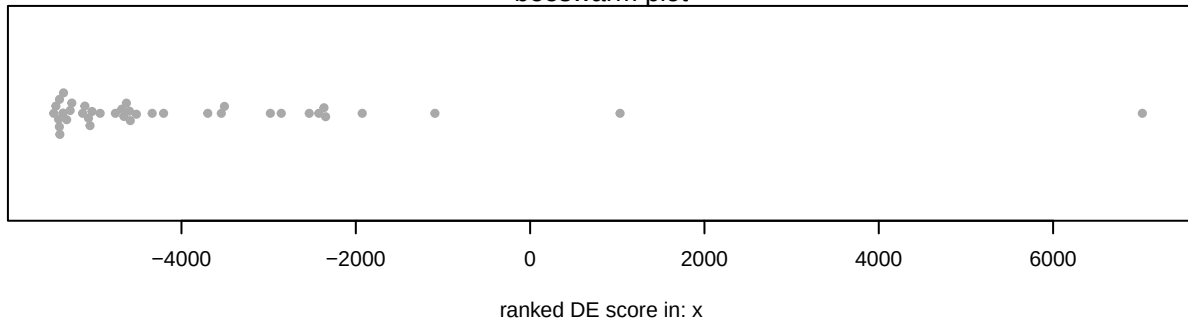


rugplot

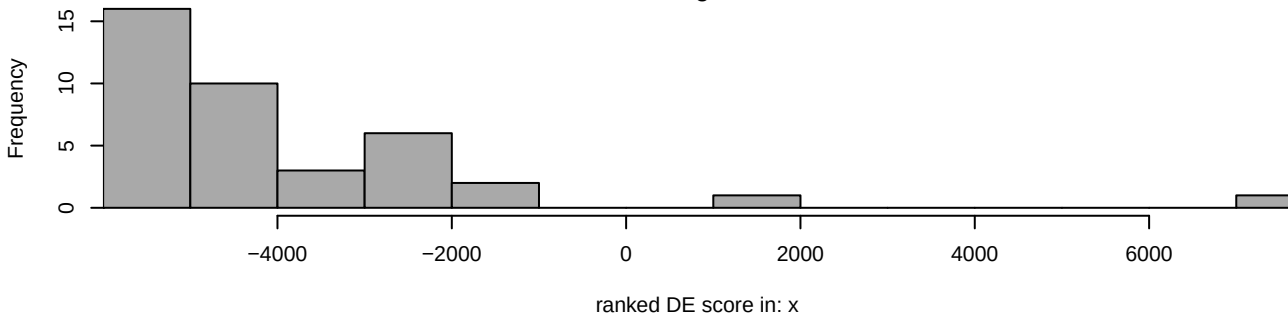


GO:0022627 cytosolic small ribosomal subunit

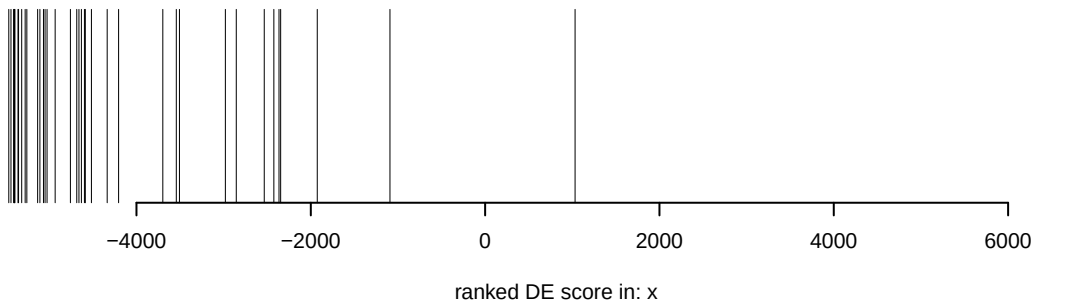
beeswarm plot



histogram

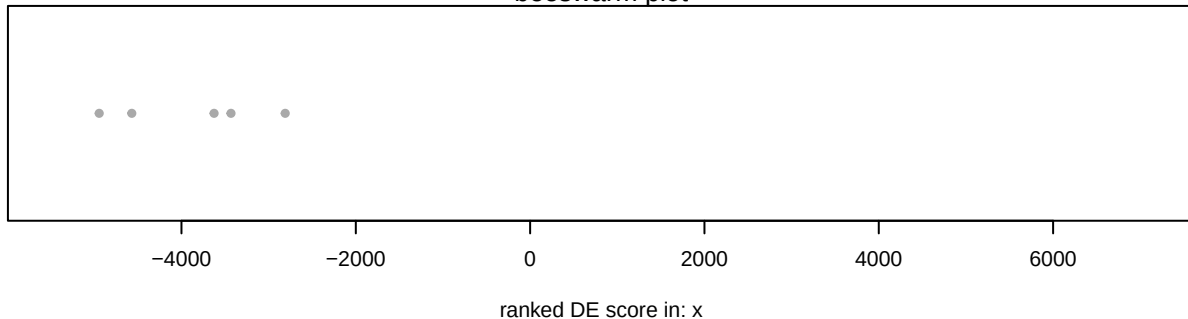


rugplot

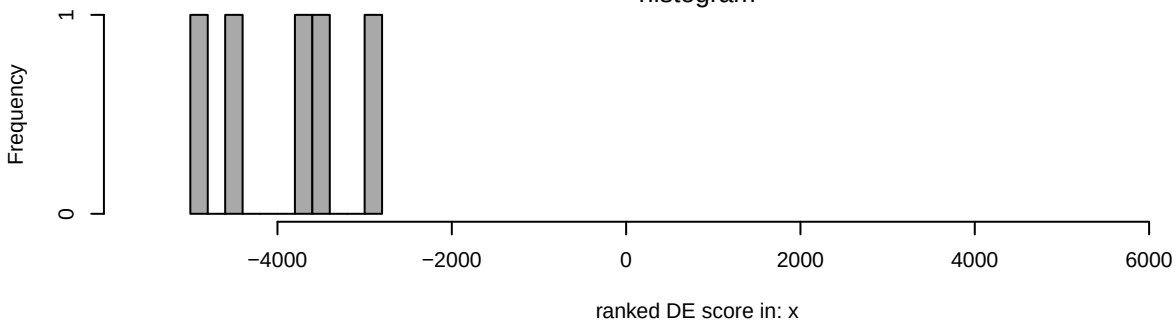


GO:0070232 regulation of T cell apoptotic process

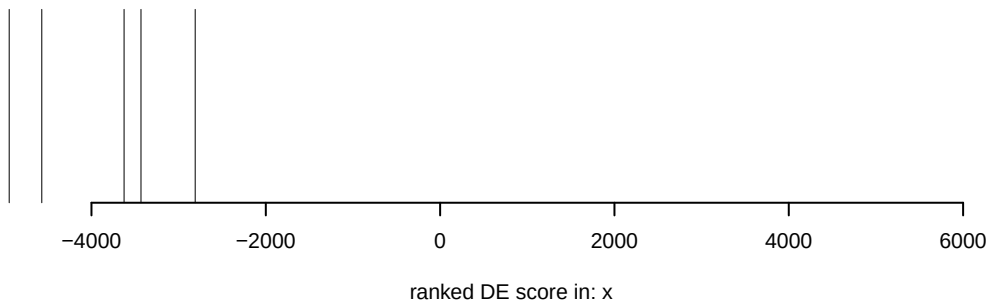
beeswarm plot



histogram

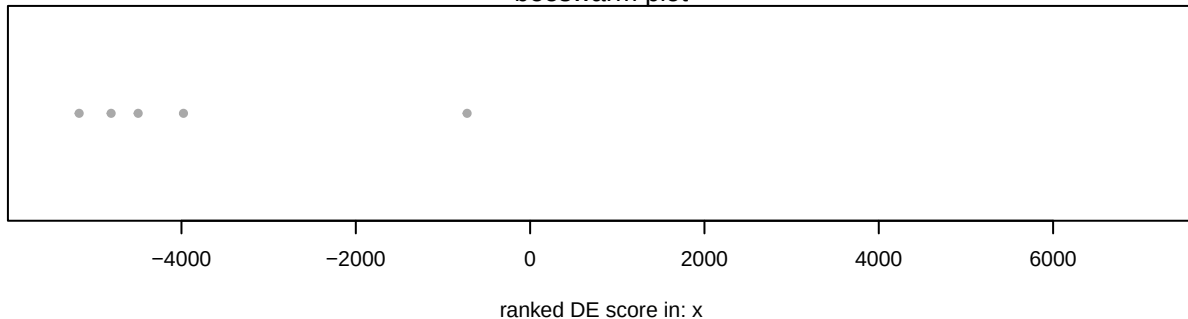


rugplot

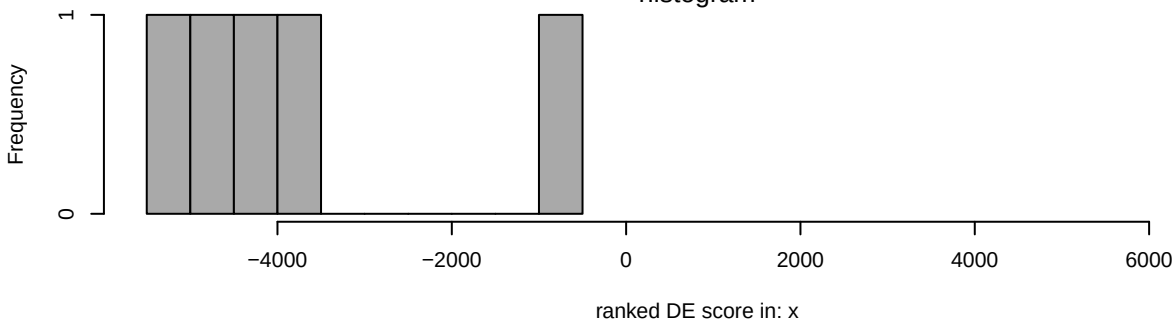


GO:0001768 establishment of T cell polarity

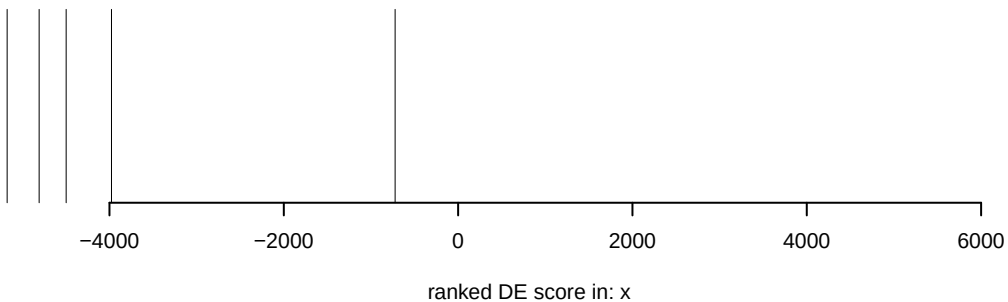
beeswarm plot



histogram

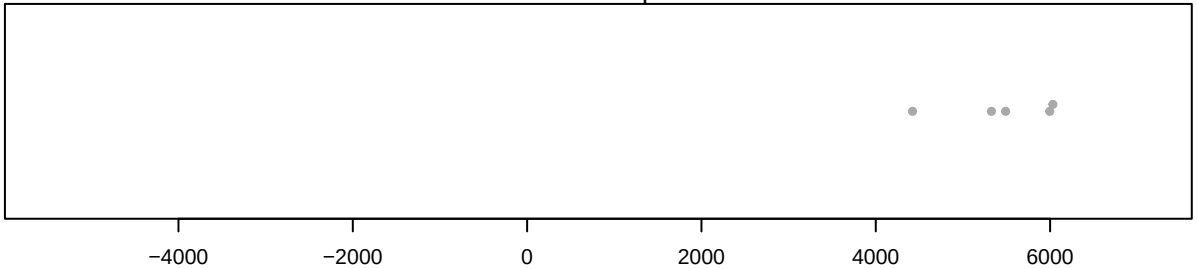


rugplot



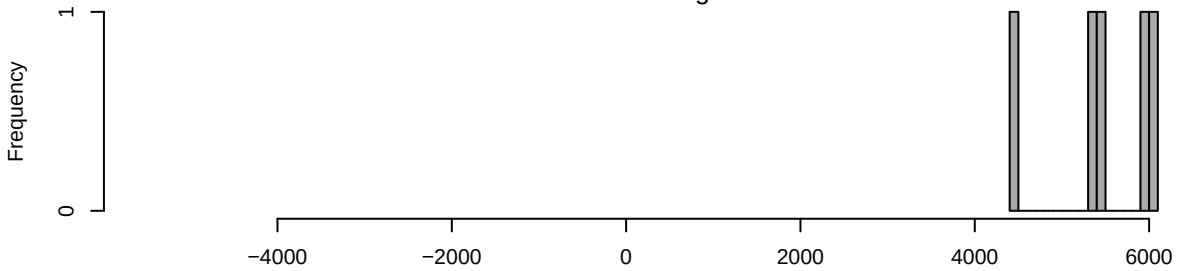
GO:0007158 neuron cell-cell adhesion

beeswarm plot



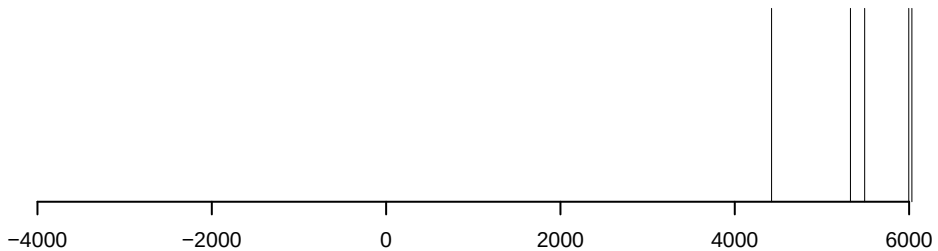
ranked DE score in: x

histogram



ranked DE score in: x

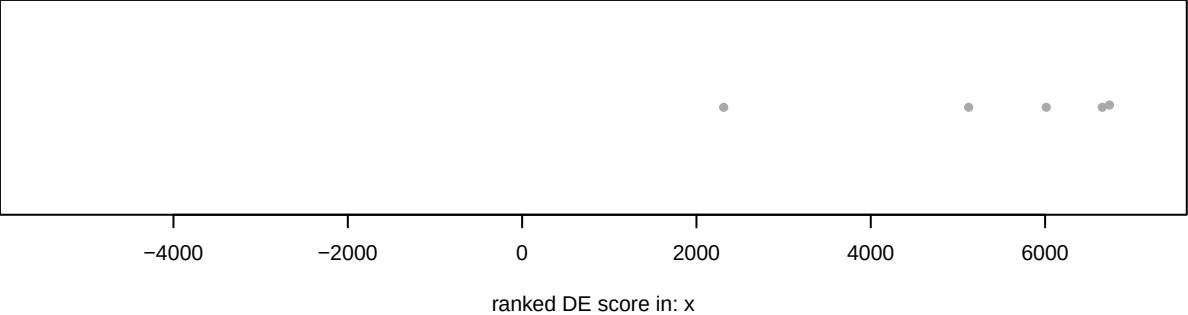
rugplot



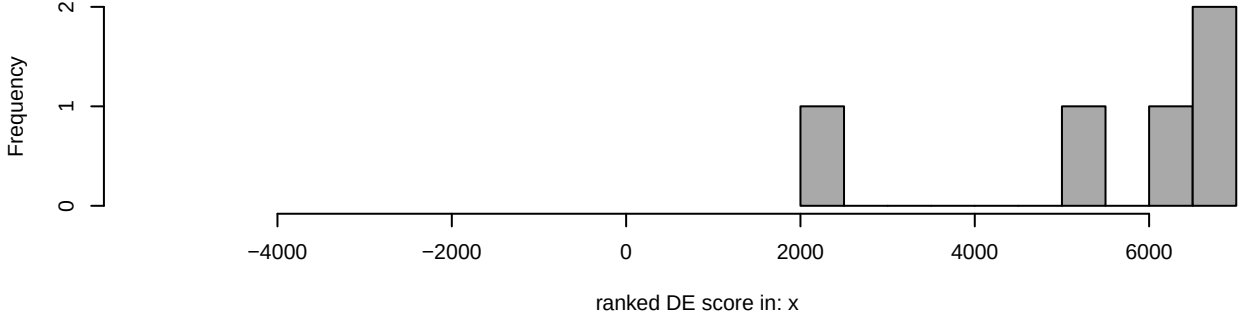
ranked DE score in: x

GO:0047184 1-acylglycerophosphocholine O-acyltransferase activity

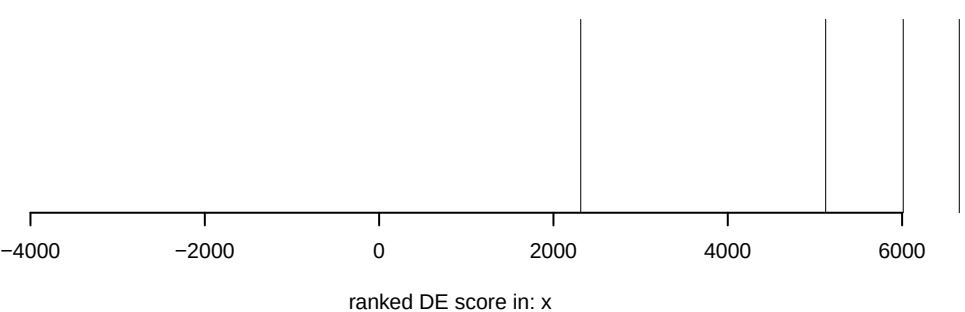
beeswarm plot



histogram

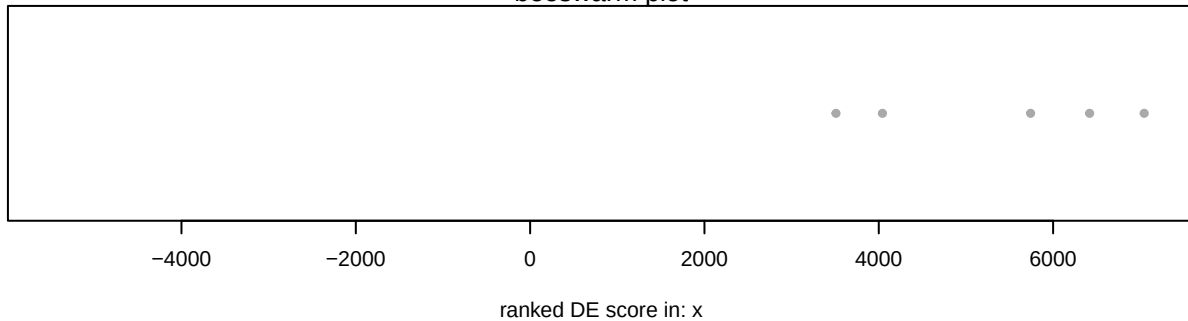


rugplot

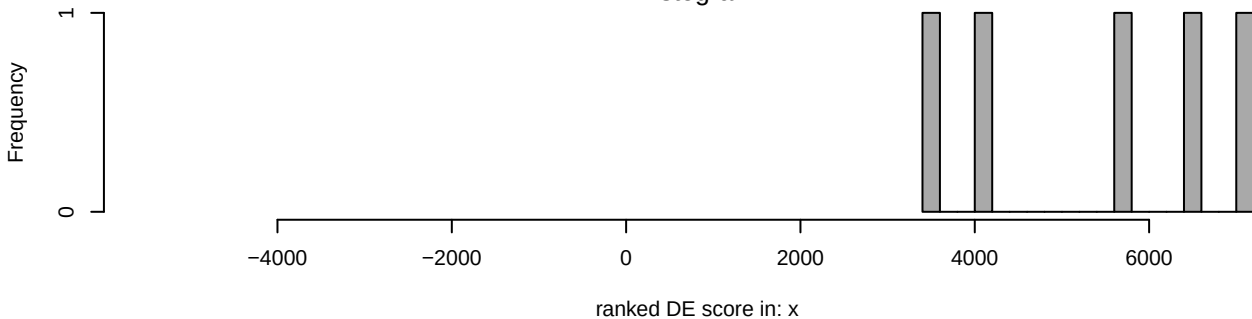


GO:0045053 protein retention in Golgi apparatus

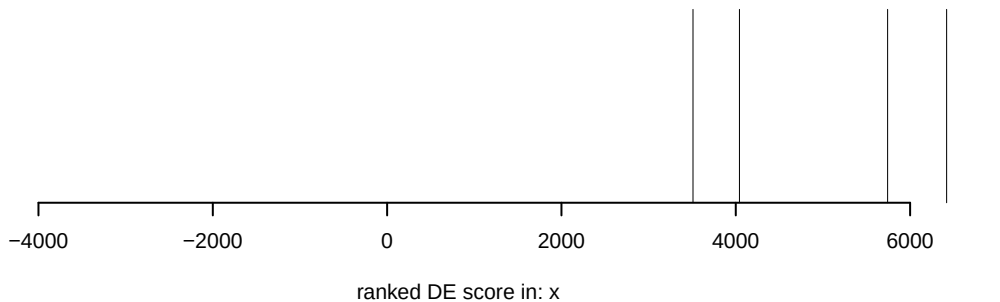
beeswarm plot



histogram

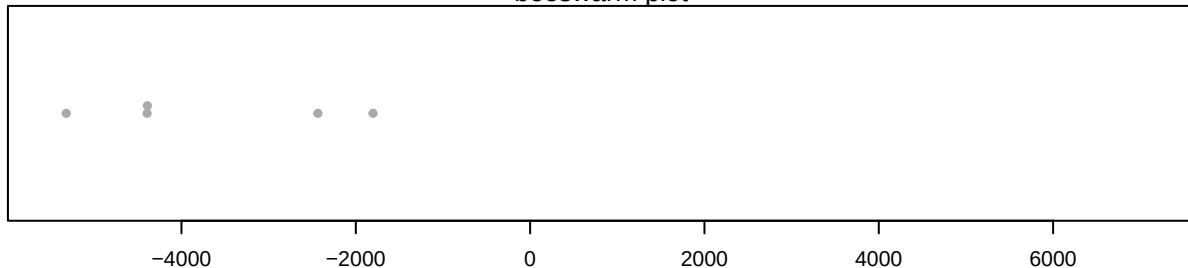


rugplot



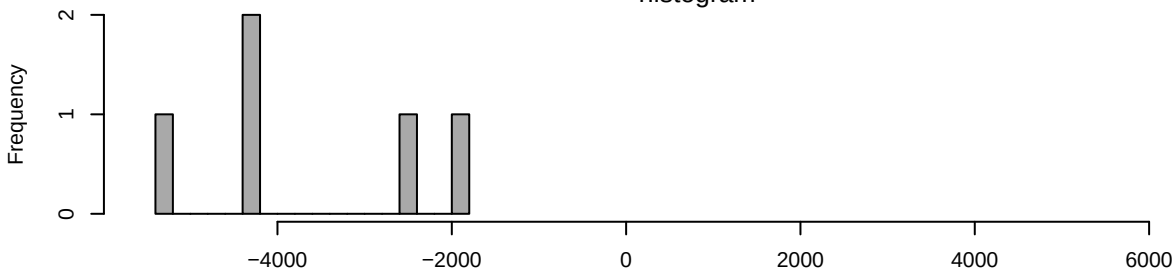
GO:0006595 polyamine metabolic process

beeswarm plot



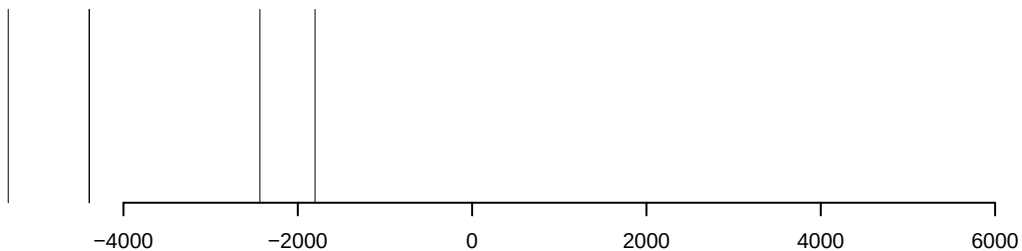
ranked DE score in: x

histogram



ranked DE score in: x

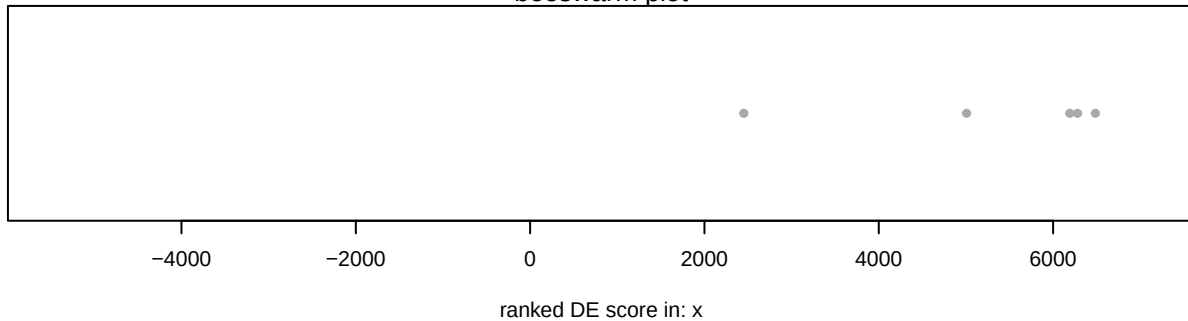
rugplot



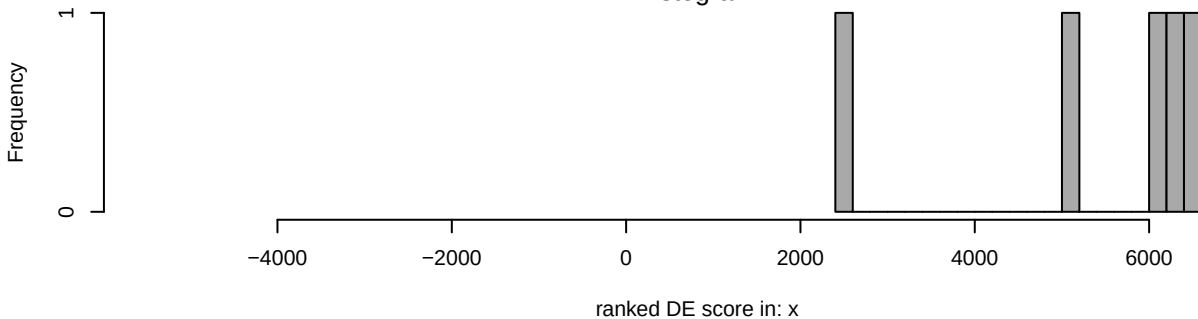
ranked DE score in: x

GO:0035735 intraciliary transport involved in cilium assembly

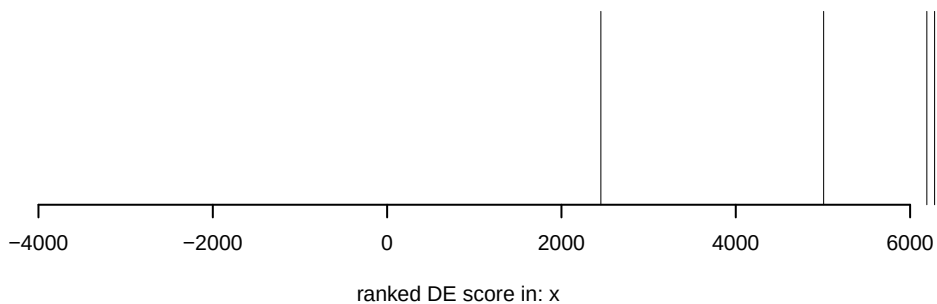
beeswarm plot



histogram

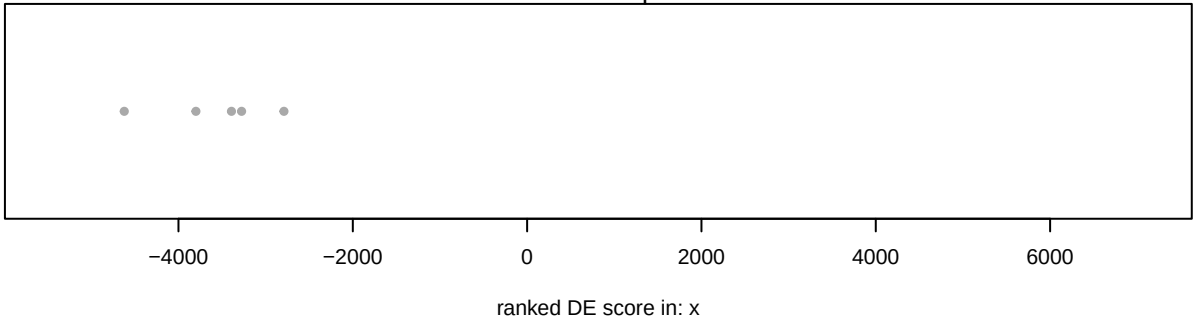


rugplot

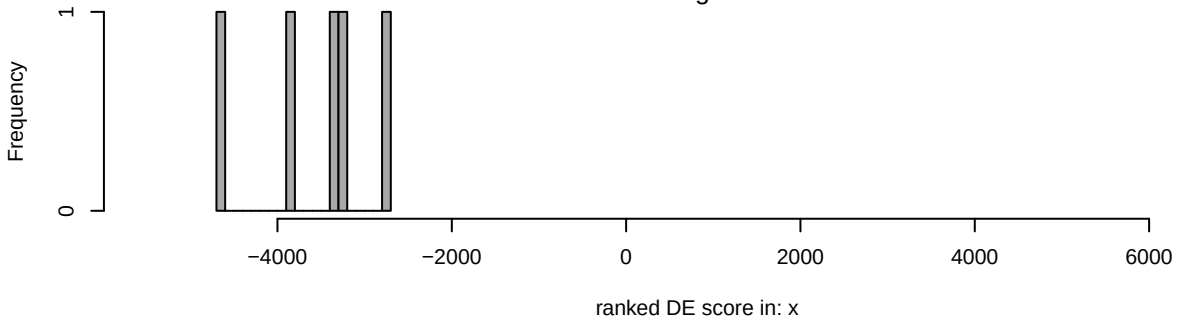


GO:0051664 nuclear pore localization

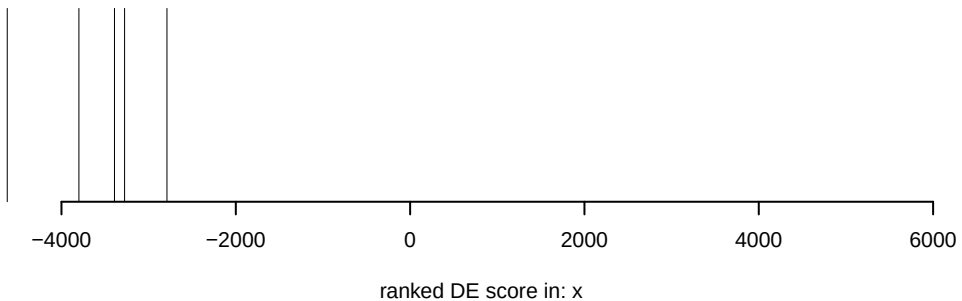
beeswarm plot



histogram

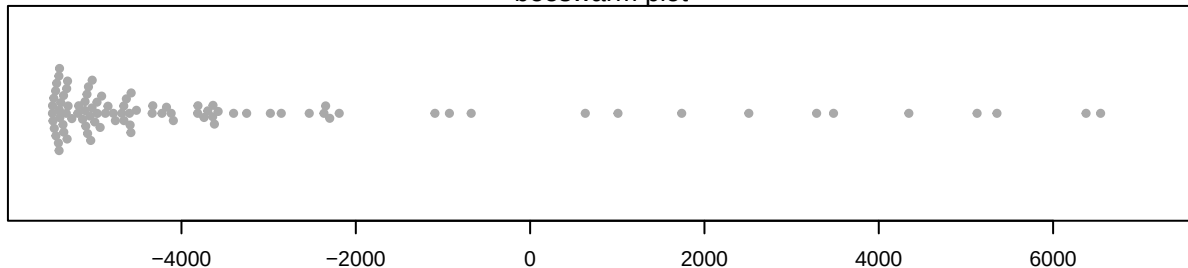


rugplot

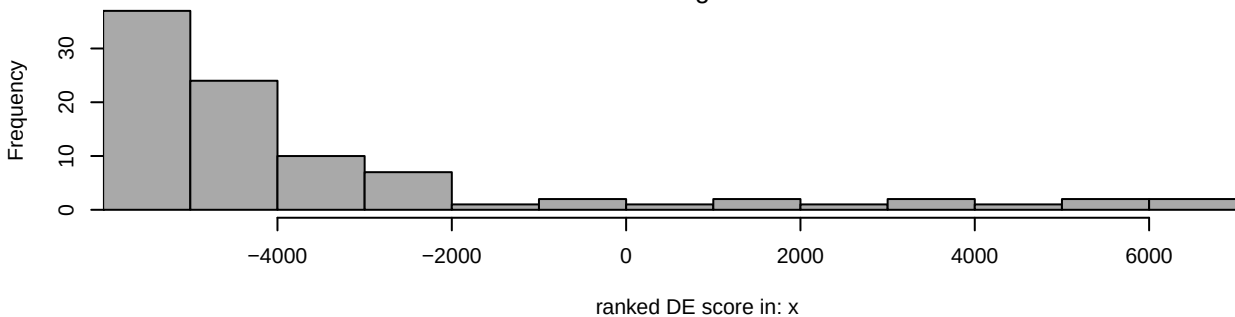


GO:0022626 cytosolic ribosome

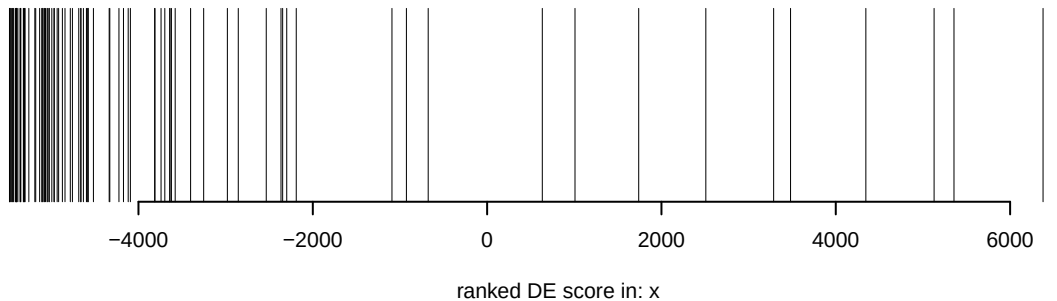
beeswarm plot



histogram

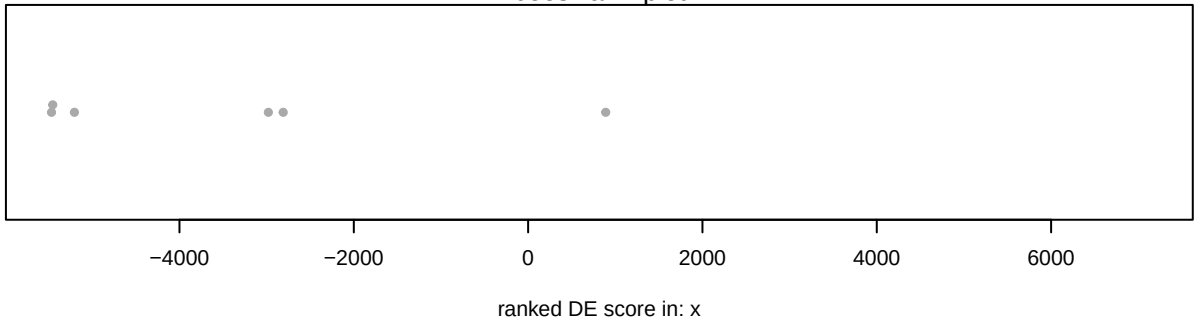


rugplot

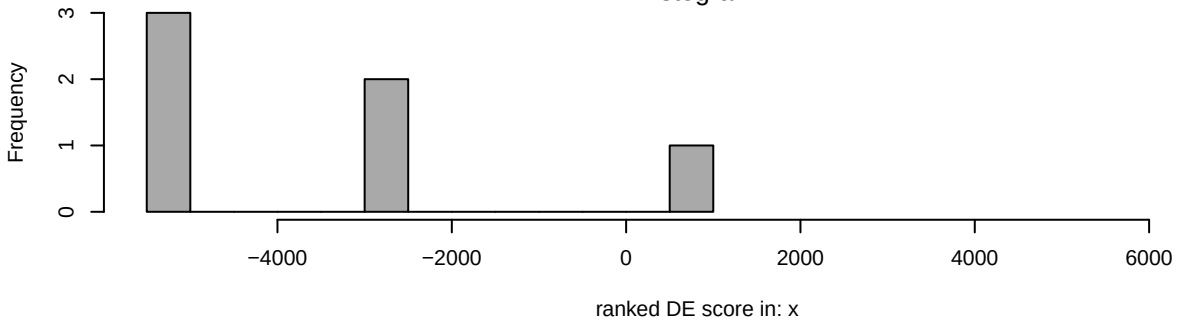


GO:0002548 monocyte chemotaxis

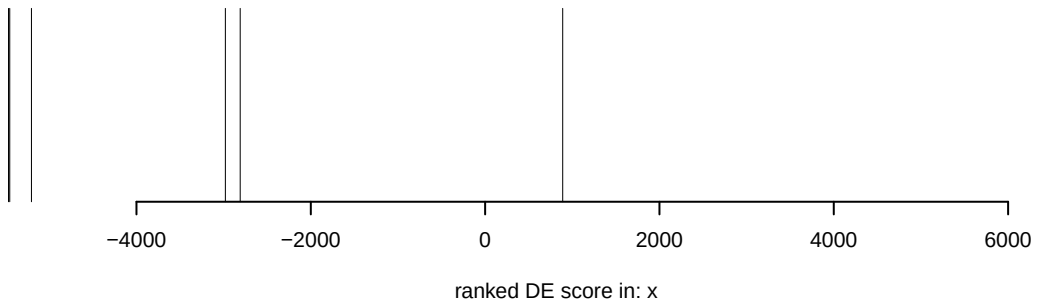
beeswarm plot



histogram

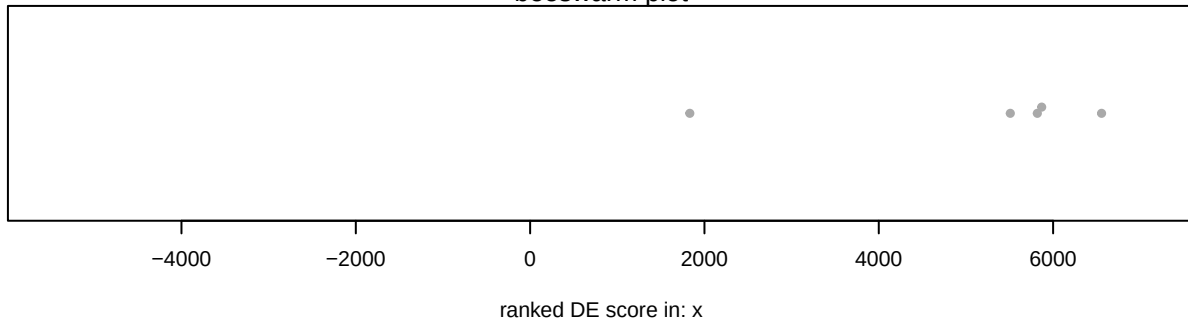


rugplot

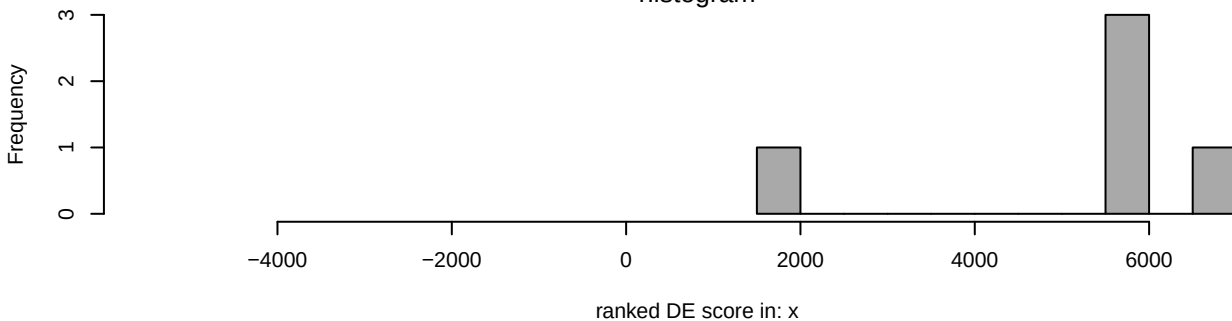


GO:0097305 response to alcohol

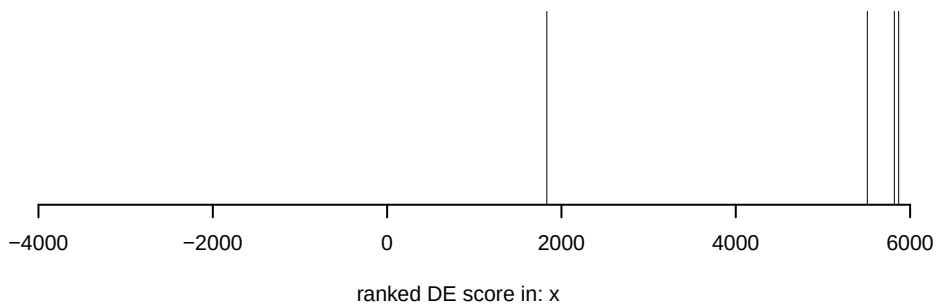
beeswarm plot



histogram

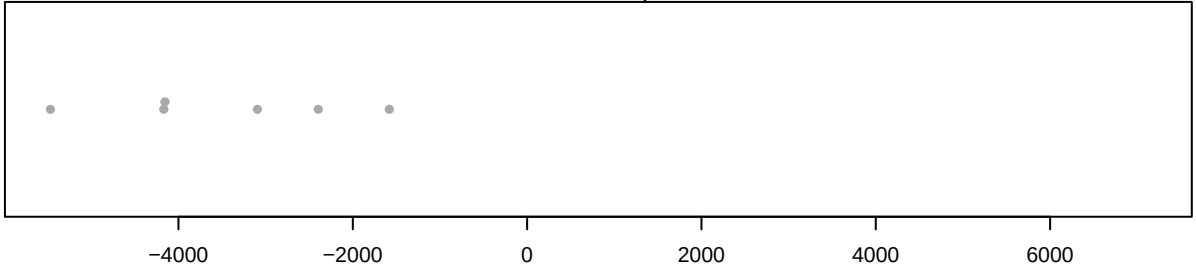


rugplot



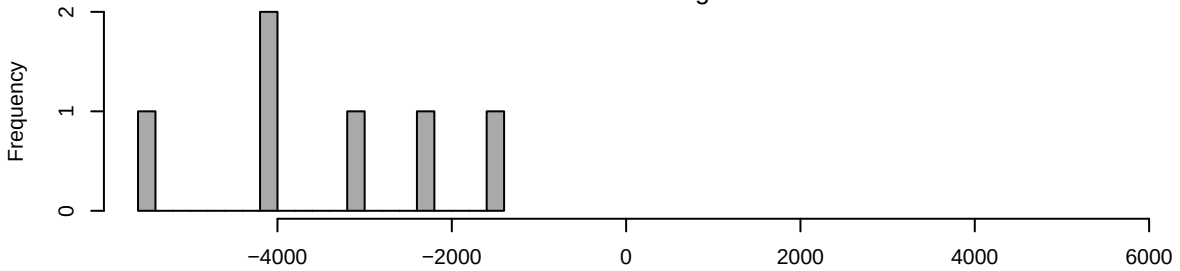
GO:0099617 matrix side of mitochondrial inner membrane

beeswarm plot



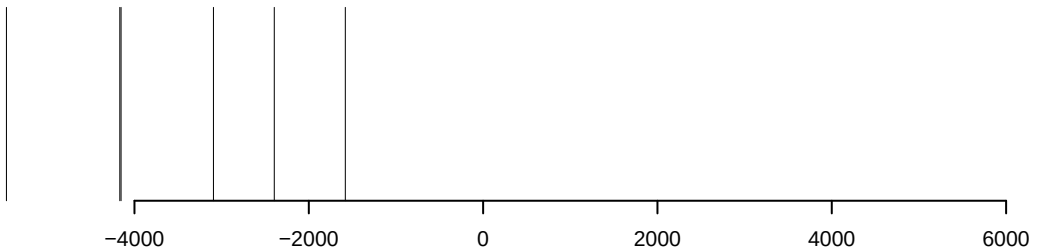
ranked DE score in: x

histogram



ranked DE score in: x

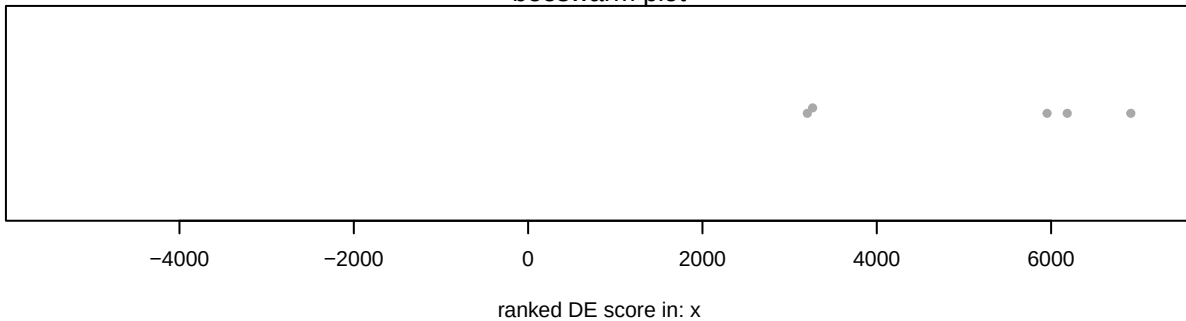
rugplot



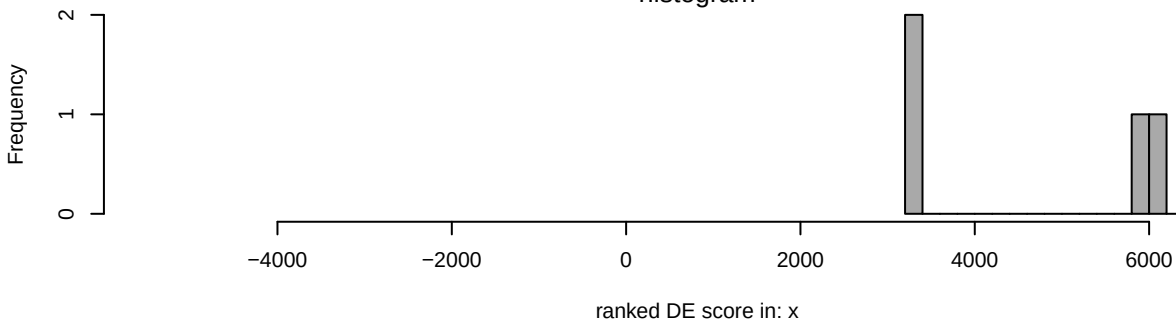
ranked DE score in: x

GO:0070294 renal sodium ion absorption

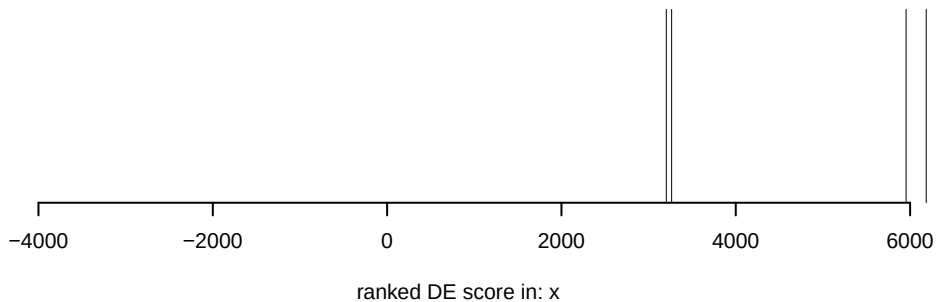
beeswarm plot



histogram

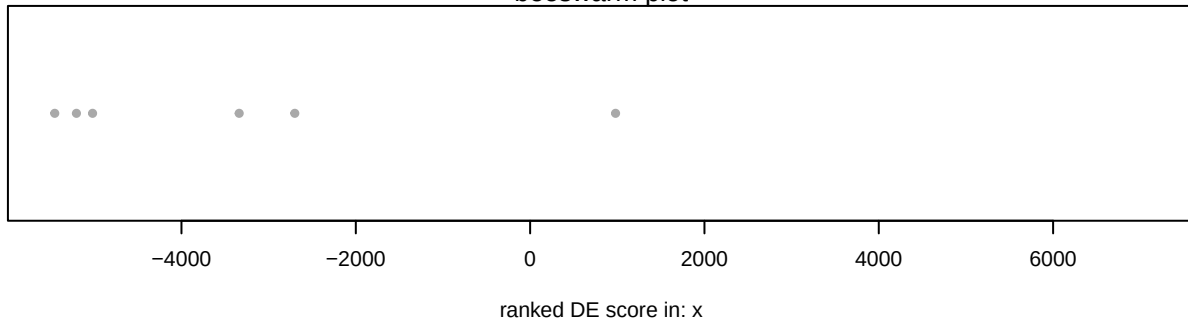


rugplot

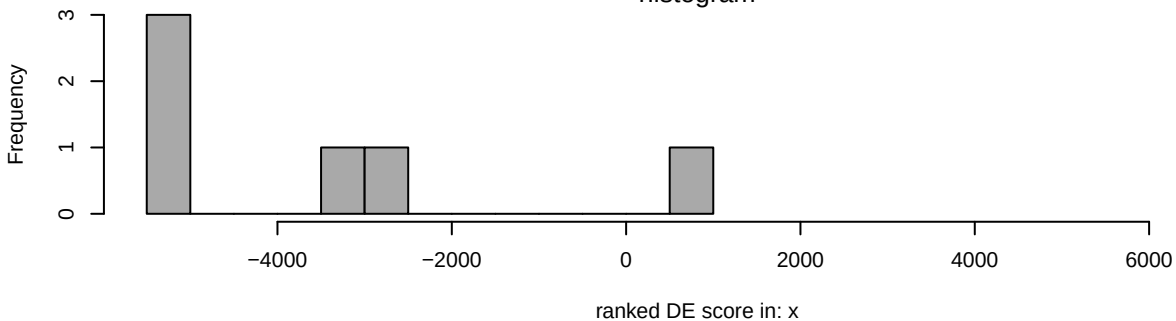


GO:0016004 phospholipase activator activity

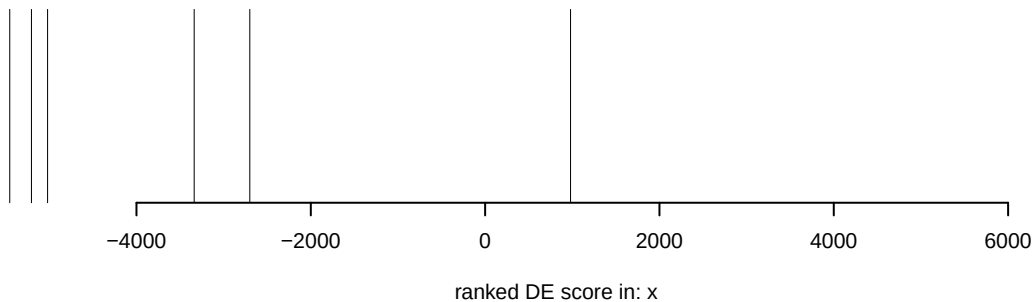
beeswarm plot



histogram

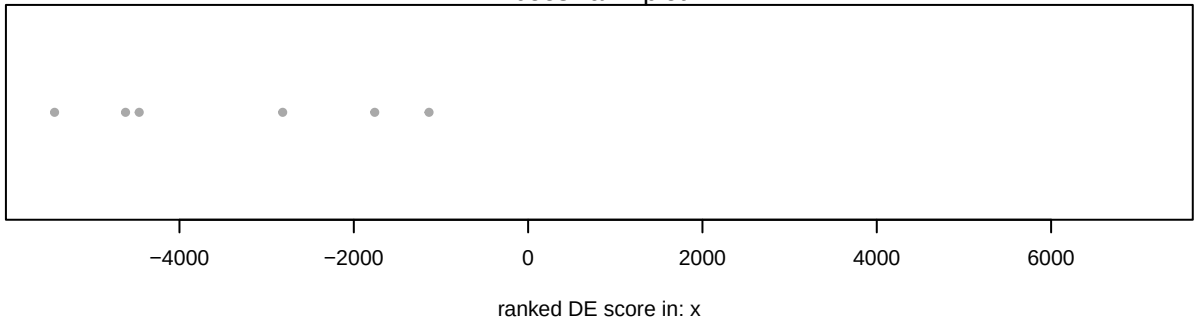


rugplot

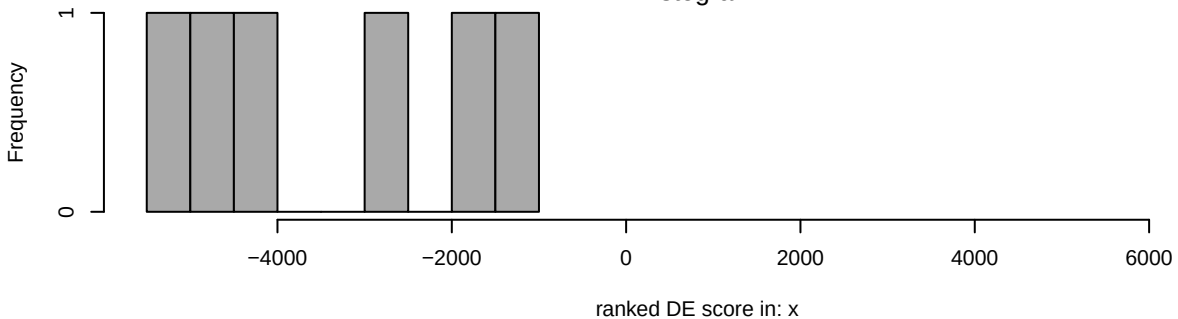


GO:0001711 endodermal cell fate commitment

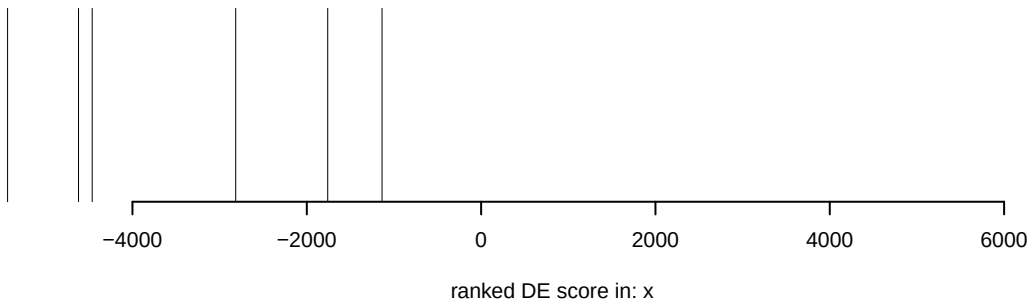
beeswarm plot



histogram

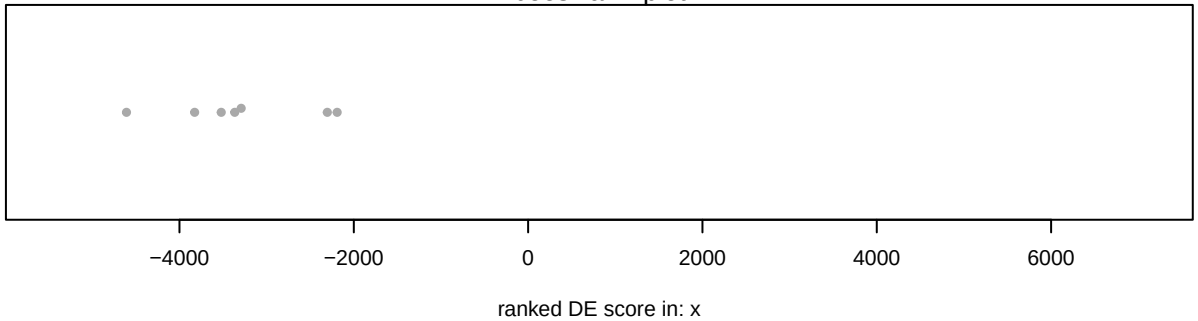


rugplot

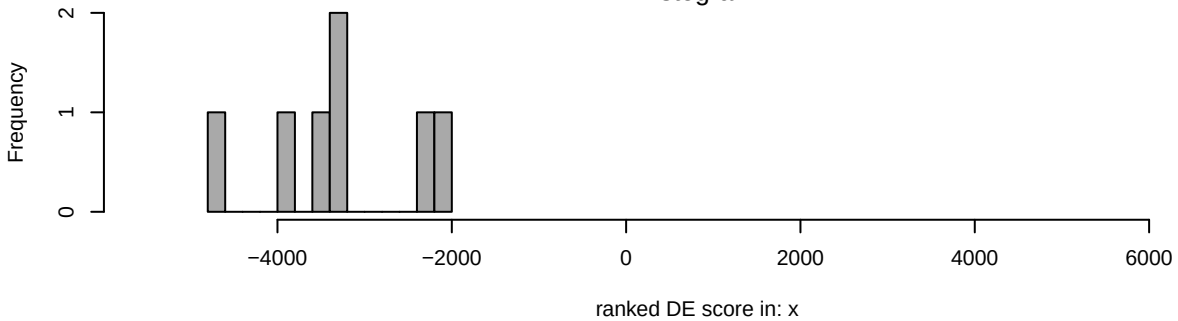


GO:0002315 marginal zone B cell differentiation

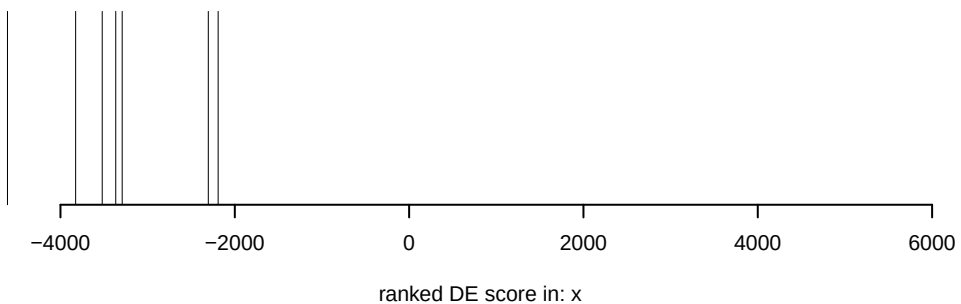
beeswarm plot



histogram

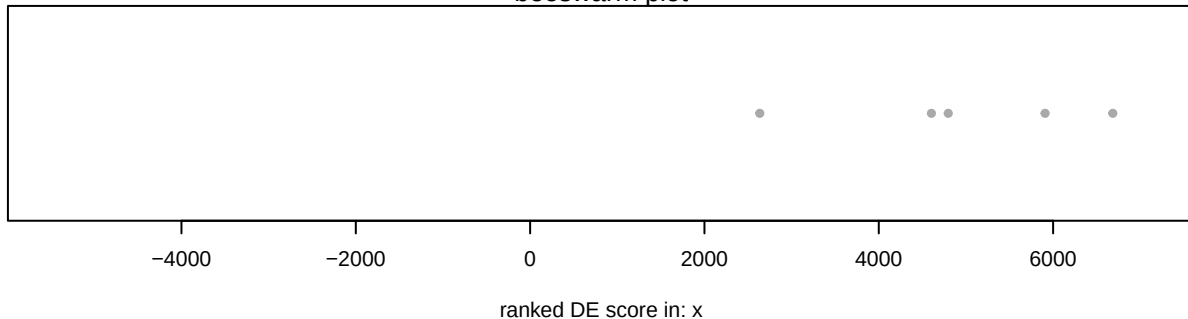


rugplot

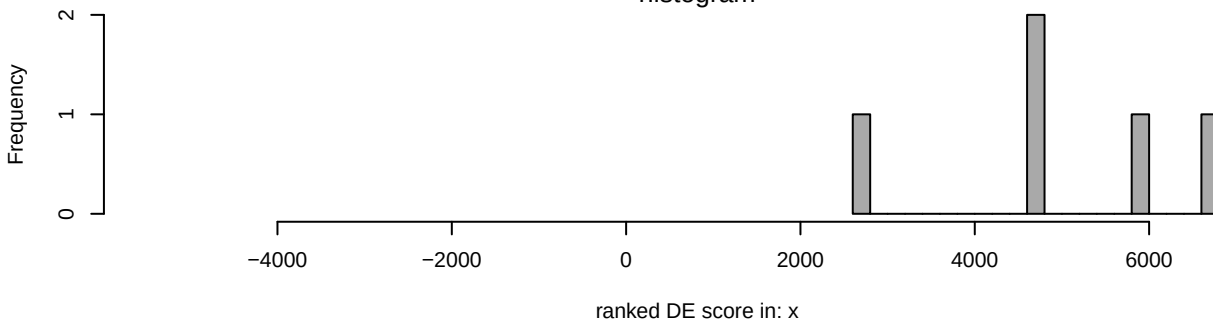


GO:0034136 negative regulation of toll-like receptor 2 signaling pathway

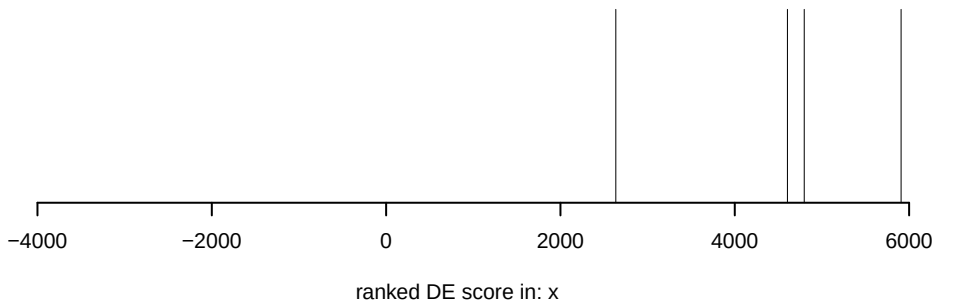
beeswarm plot



histogram

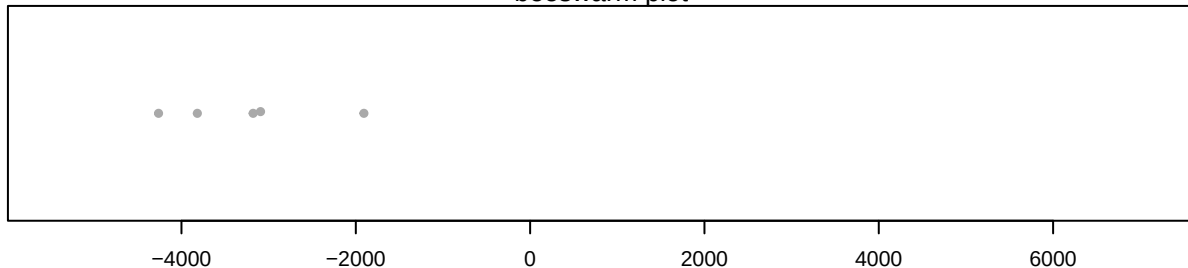


rugplot

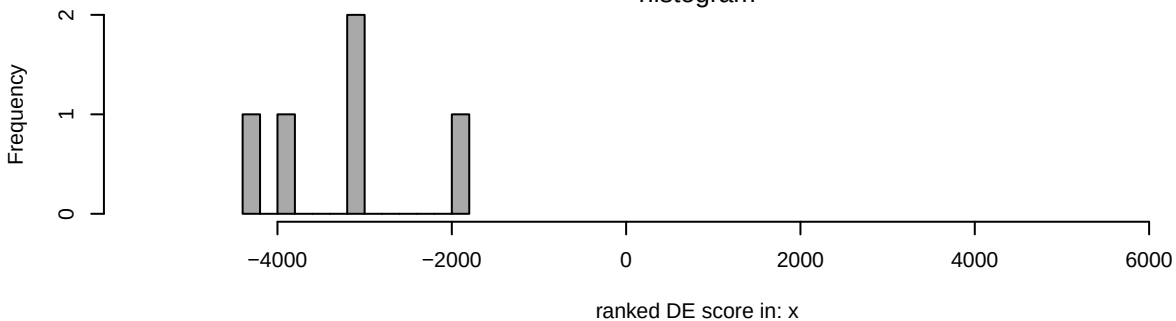


GO:0090266 regulation of mitotic cell cycle spindle assembly checkpoint

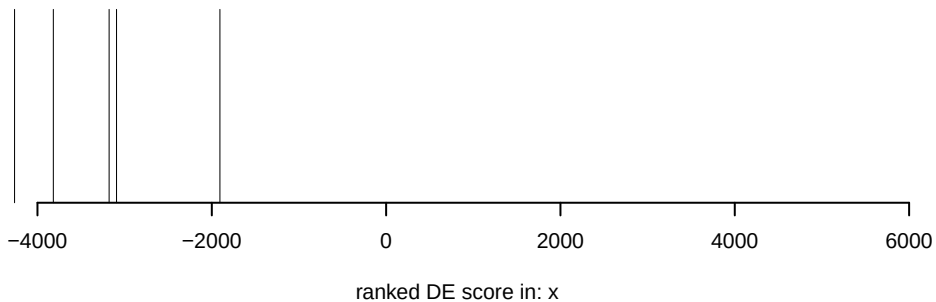
beeswarm plot



histogram

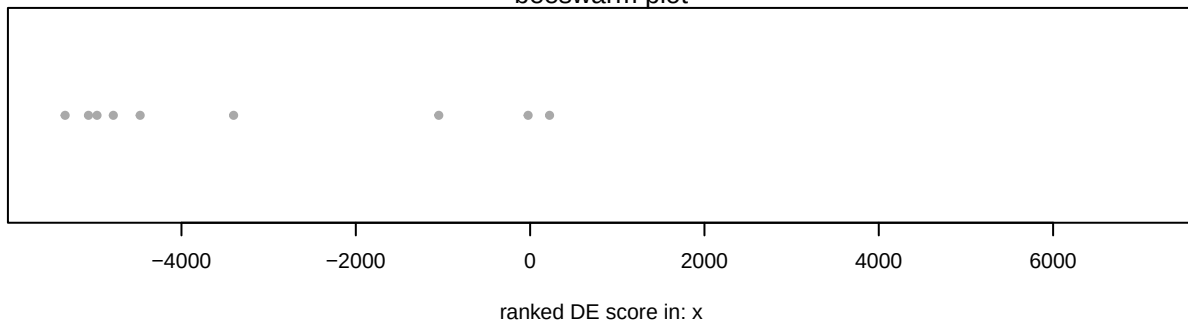


rugplot

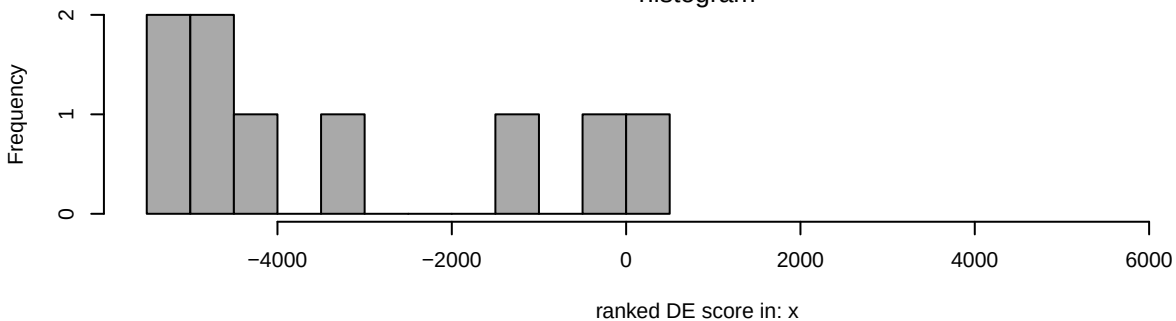


GO:1904667 negative regulation of ubiquitin protein ligase activity

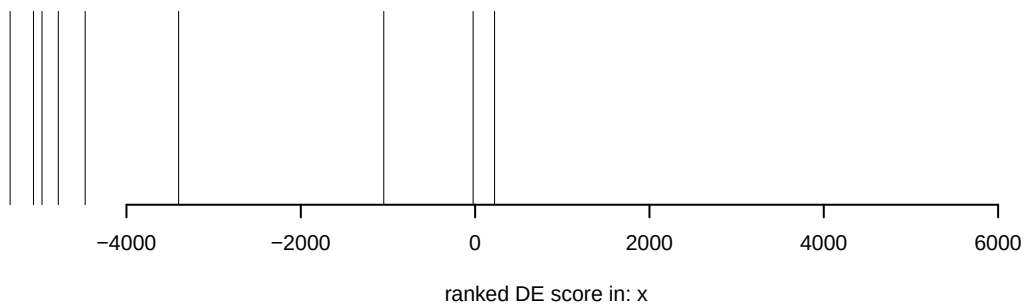
beeswarm plot



histogram

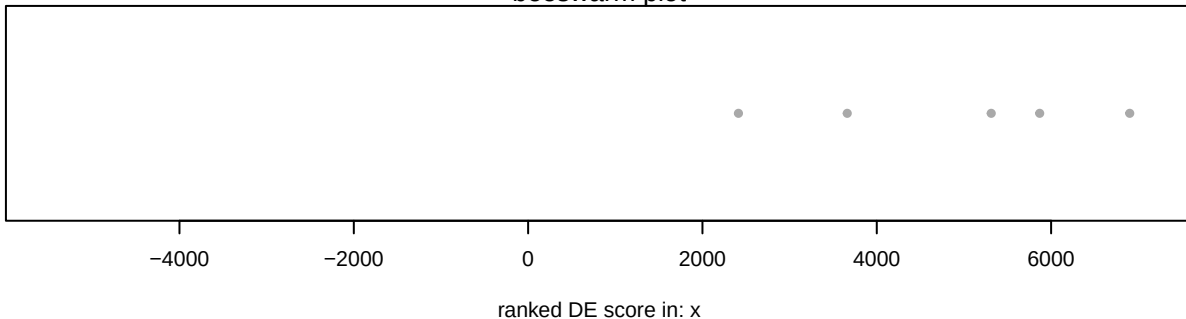


rugplot

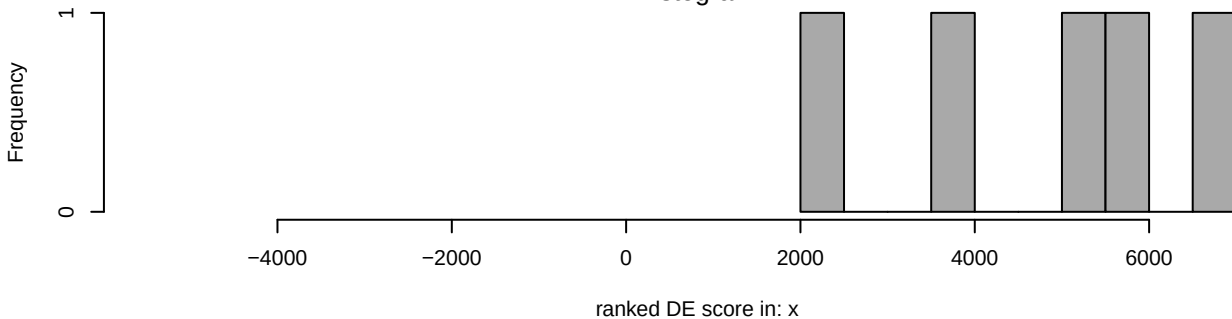


GO:0031915 positive regulation of synaptic plasticity

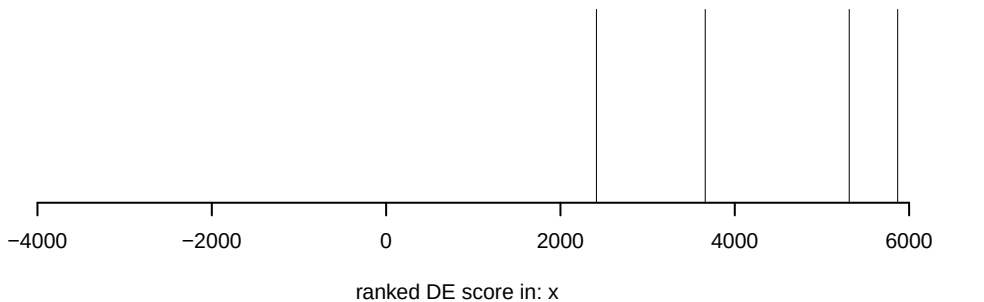
beeswarm plot



histogram

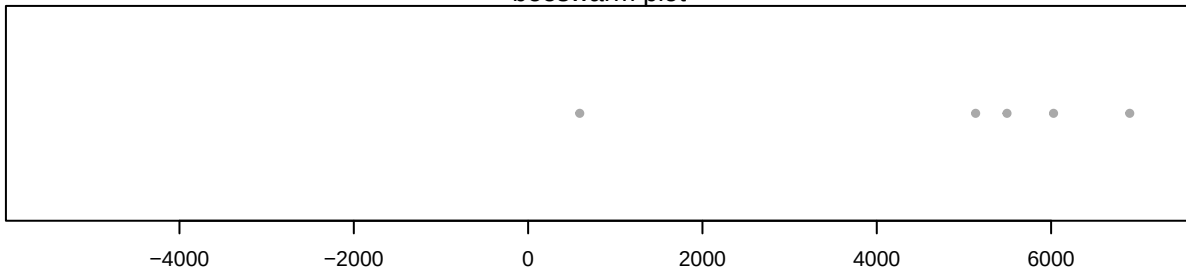


rugplot

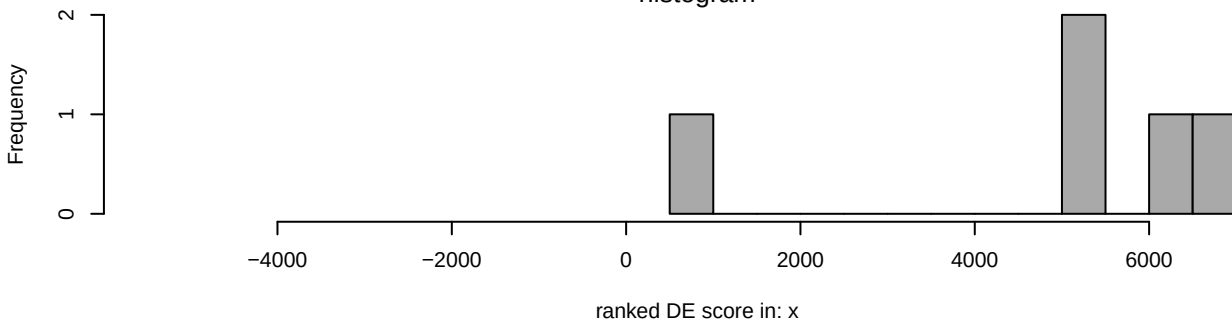


GO:0048699 generation of neurons

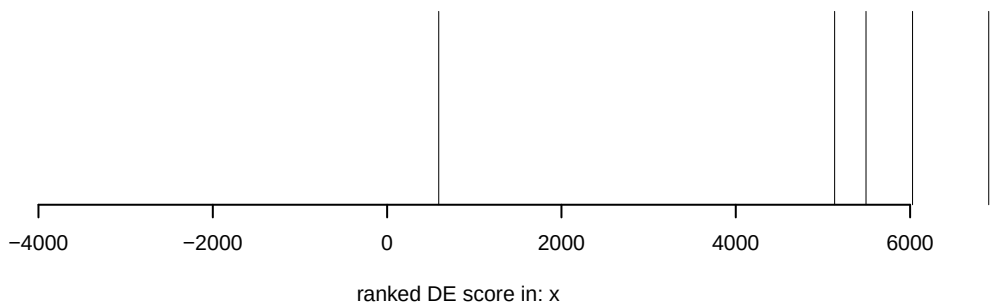
beeswarm plot



histogram

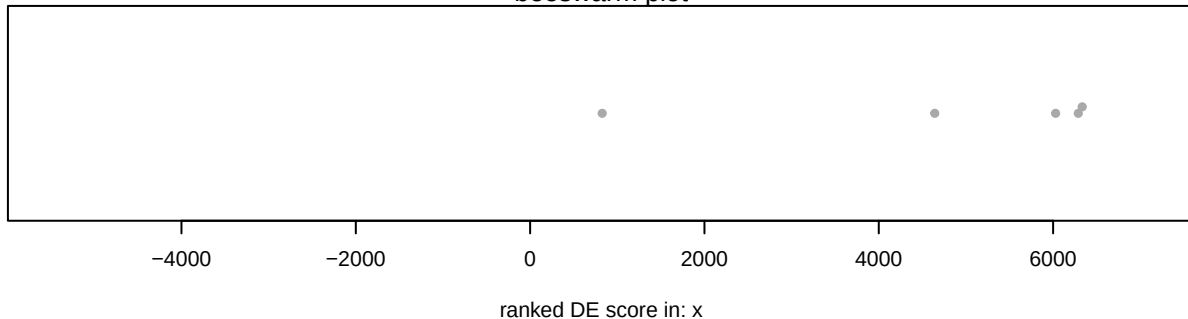


rugplot

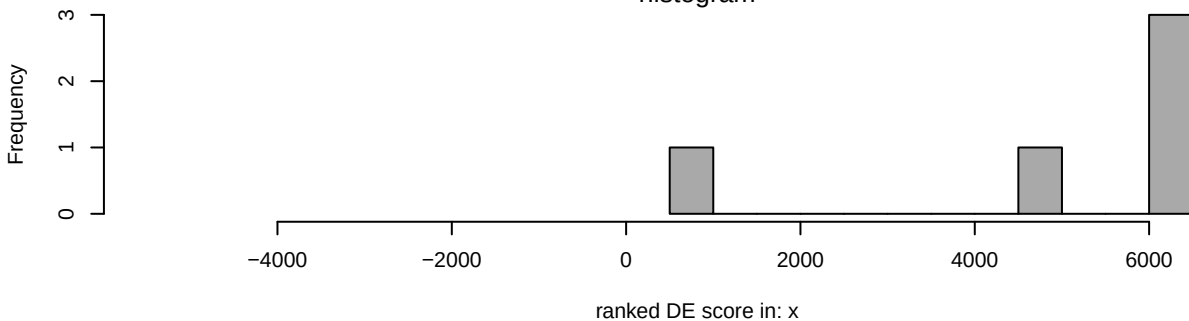


GO:0005865 striated muscle thin filament

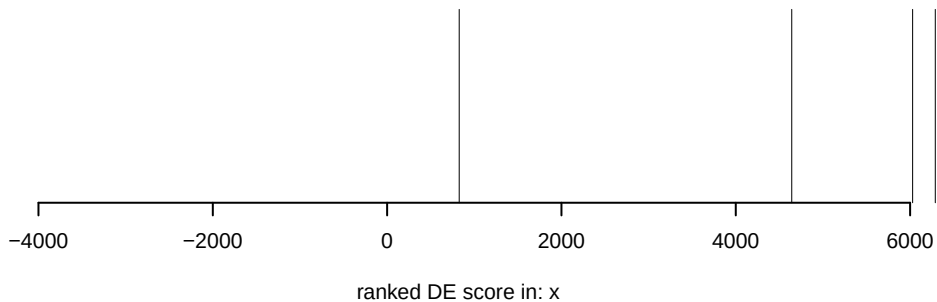
beeswarm plot



histogram

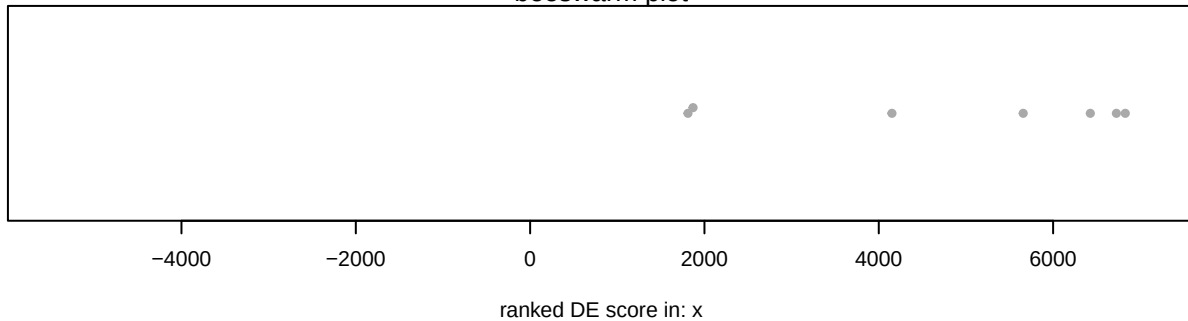


rugplot

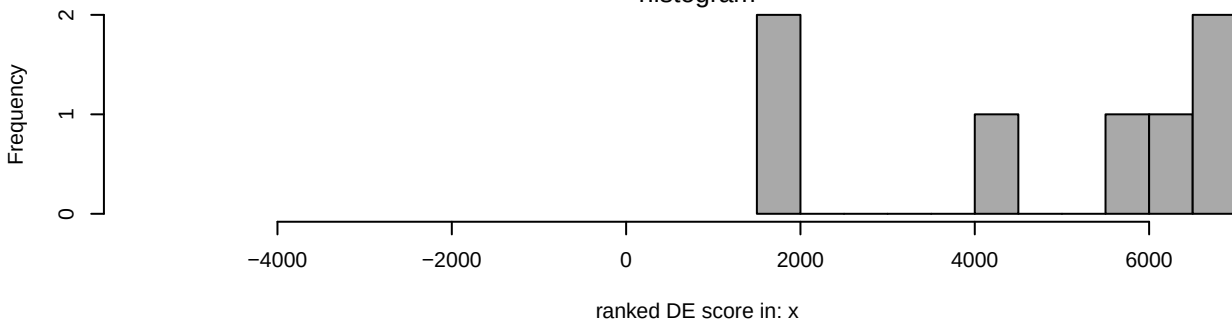


GO:0019934 cGMP-mediated signaling

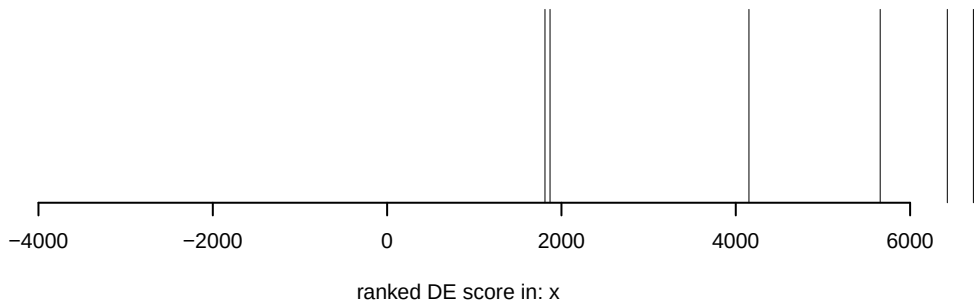
beeswarm plot



histogram

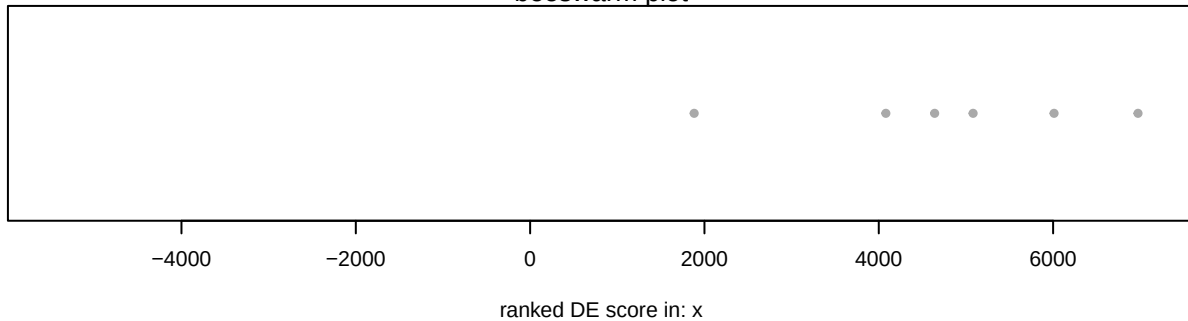


rugplot

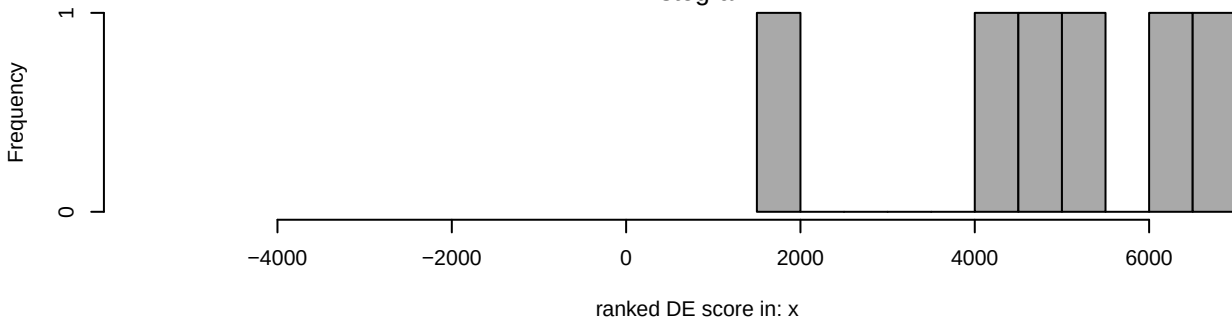


GO:0051983 regulation of chromosome segregation

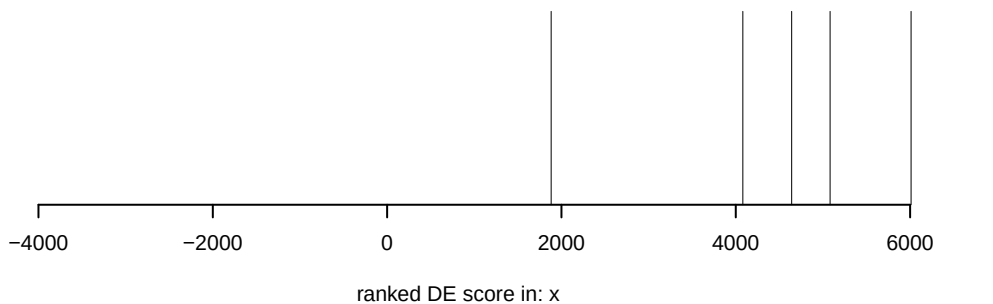
beeswarm plot



histogram

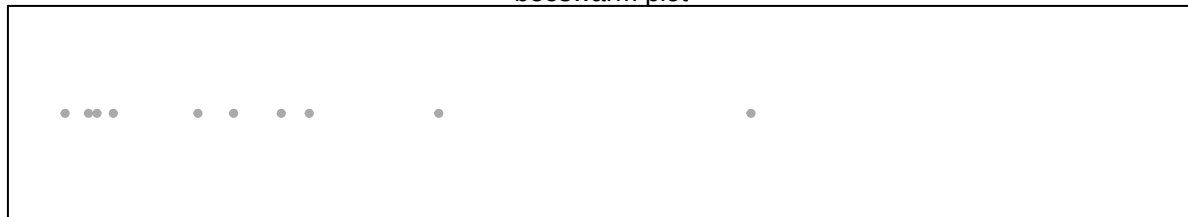


rugplot



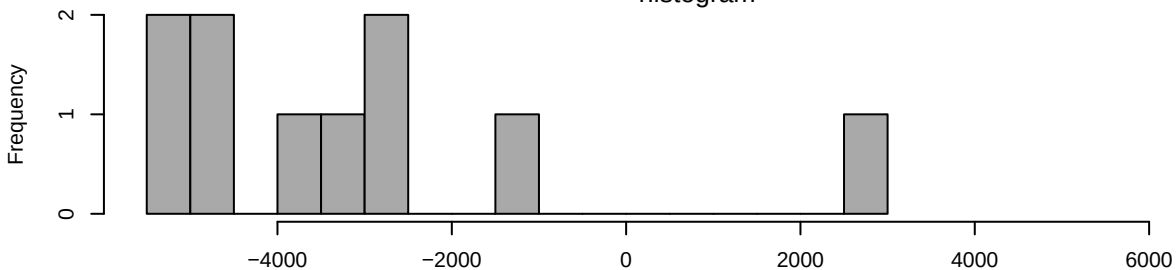
GO:1990948 ubiquitin ligase inhibitor activity

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

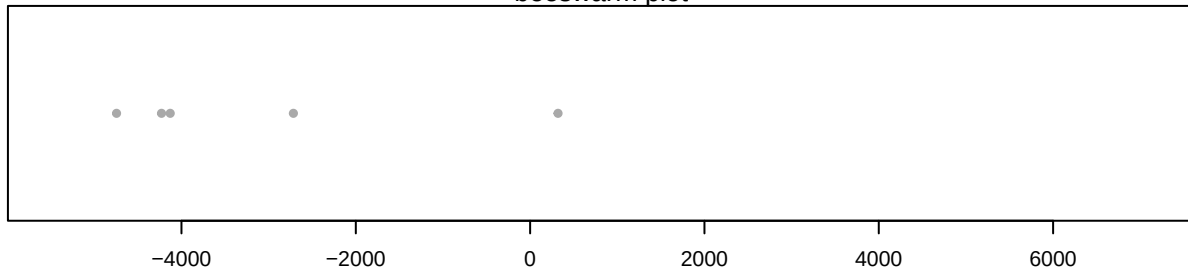
rugplot



ranked DE score in: x

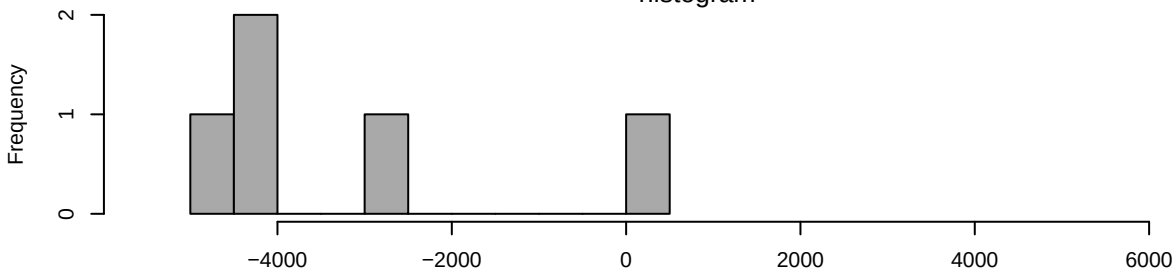
GO:0008582 regulation of synaptic assembly at neuromuscular junction

beeswarm plot



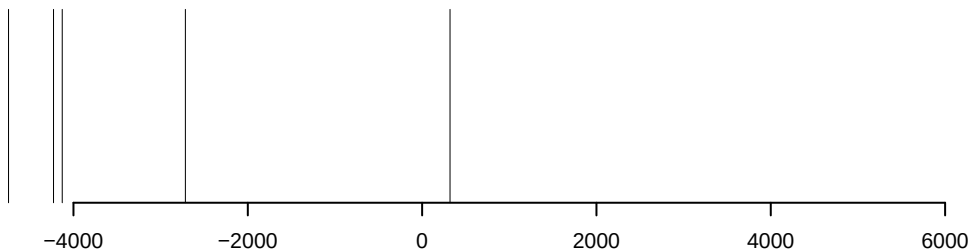
ranked DE score in: x

histogram



ranked DE score in: x

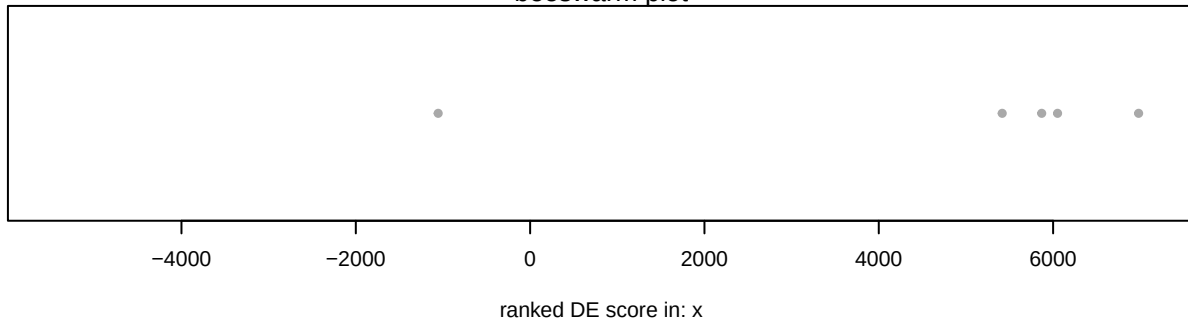
rugplot



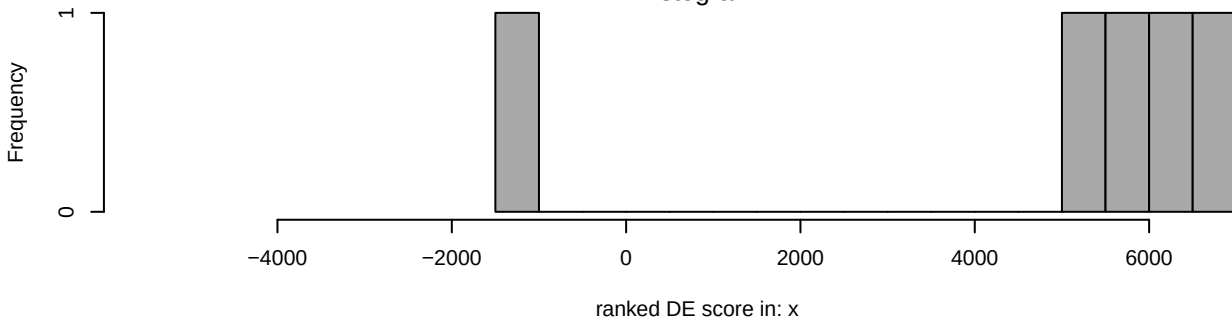
ranked DE score in: x

GO:0061000 negative regulation of dendritic spine development

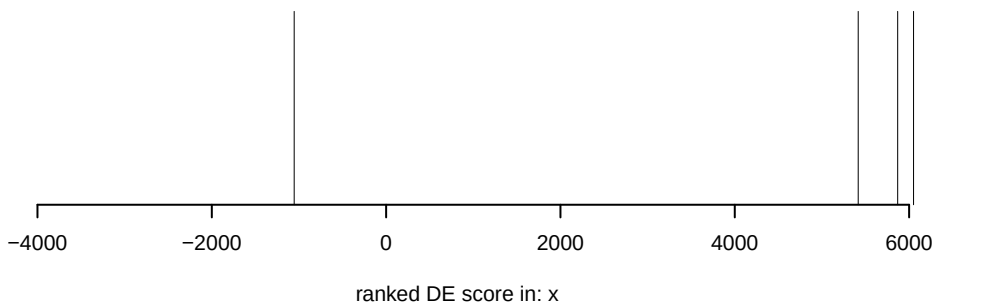
beeswarm plot



histogram

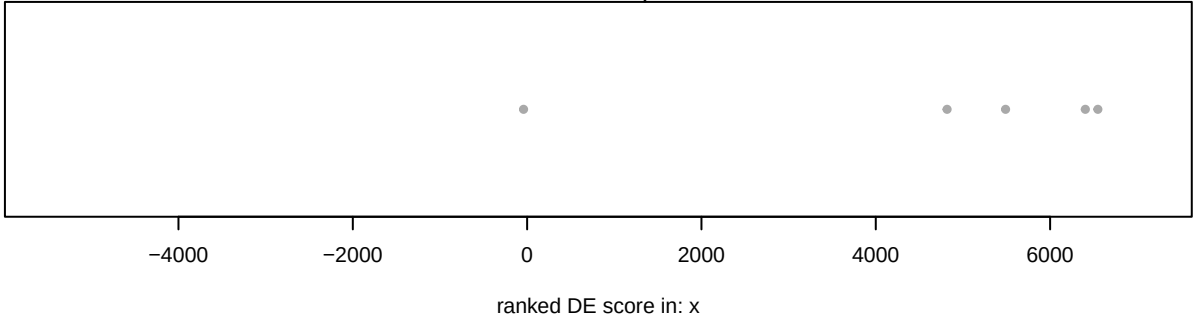


rugplot

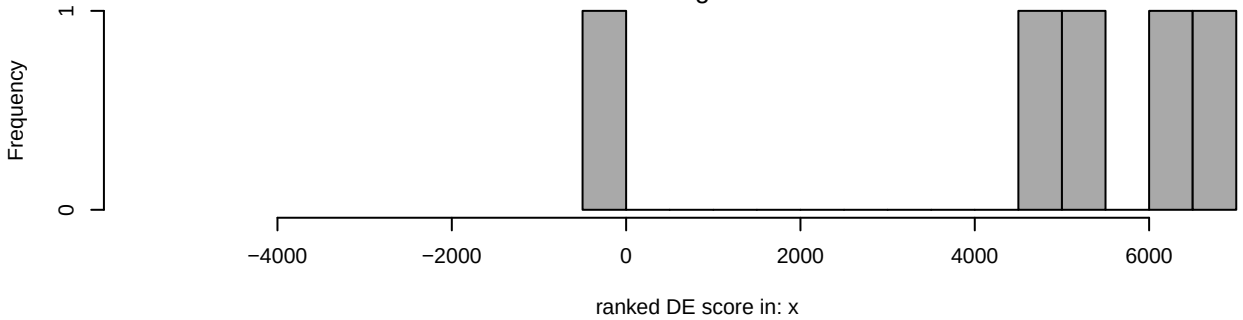


GO:0070139 SUMO-specific endopeptidase activity

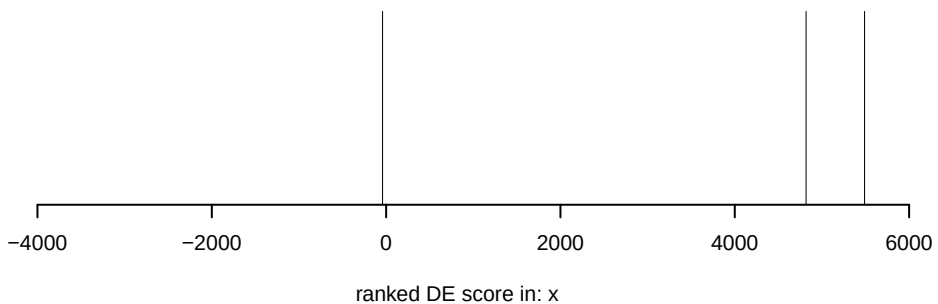
beeswarm plot



histogram

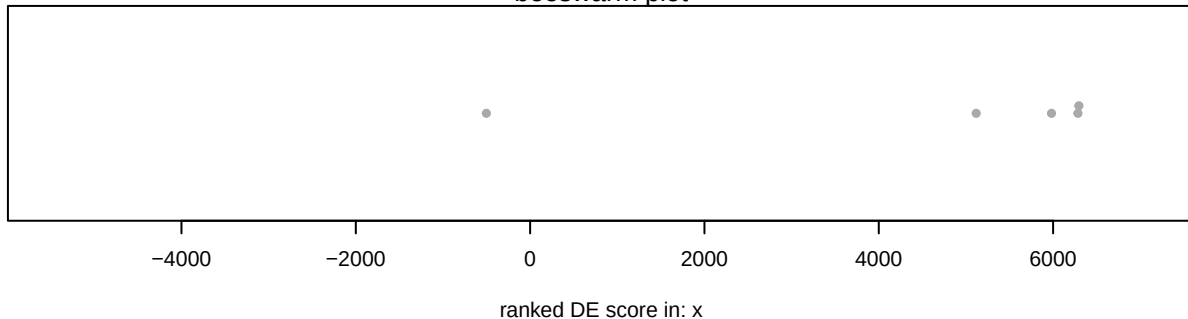


rugplot

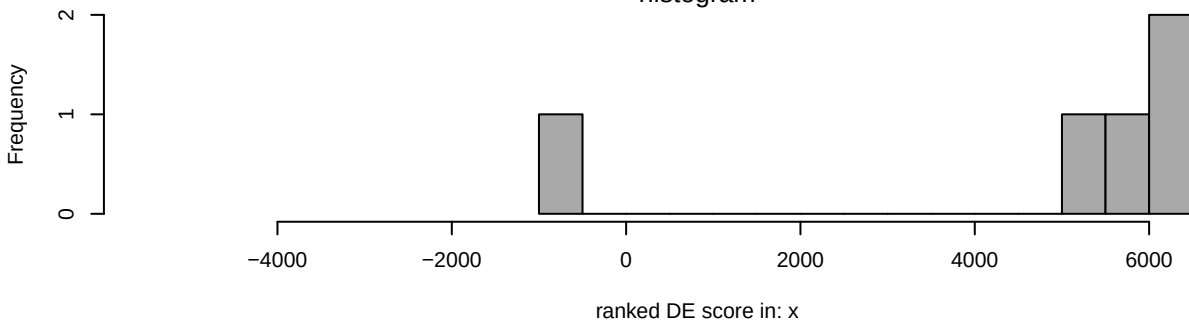


GO:0055064 chloride ion homeostasis

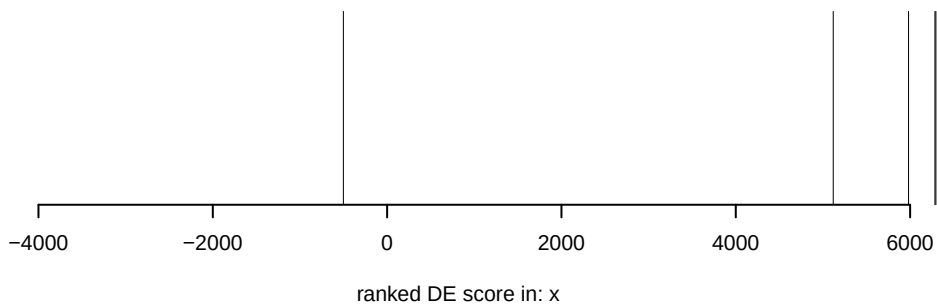
beeswarm plot



histogram

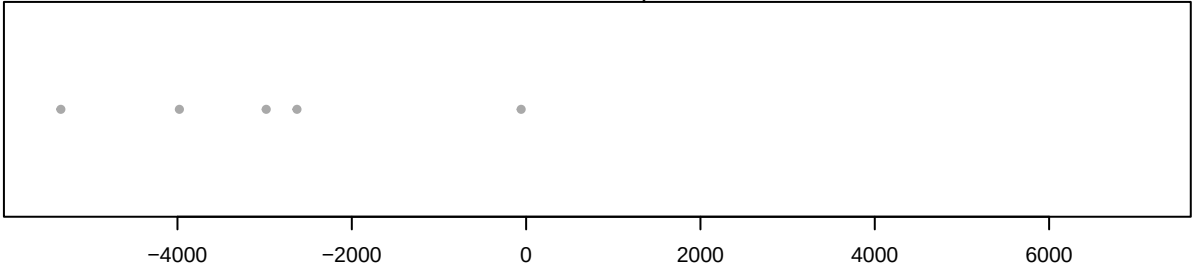


rugplot



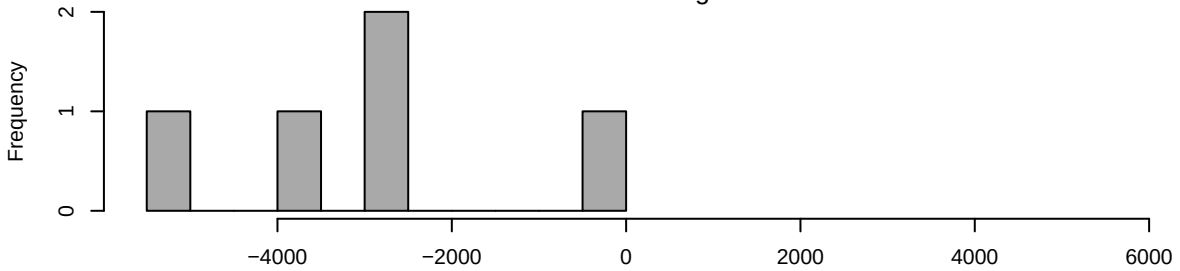
GO:0098691 dopaminergic synapse

beeswarm plot



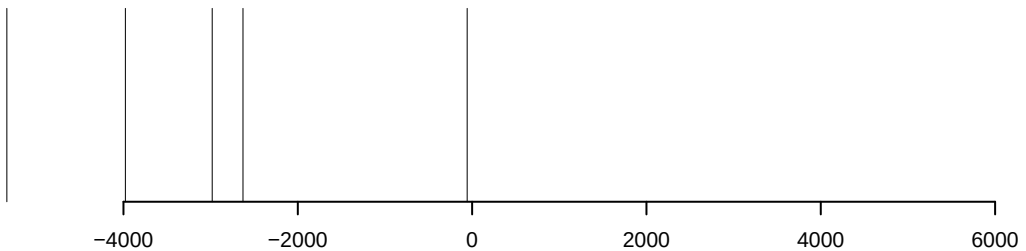
ranked DE score in: x

histogram



ranked DE score in: x

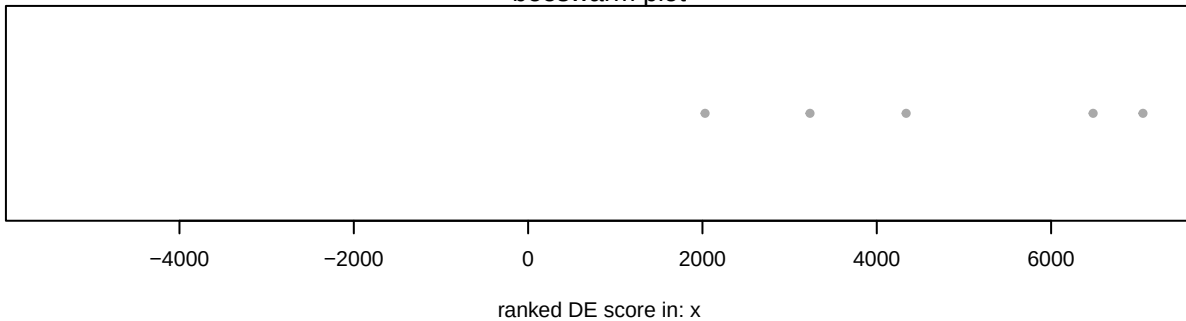
rugplot



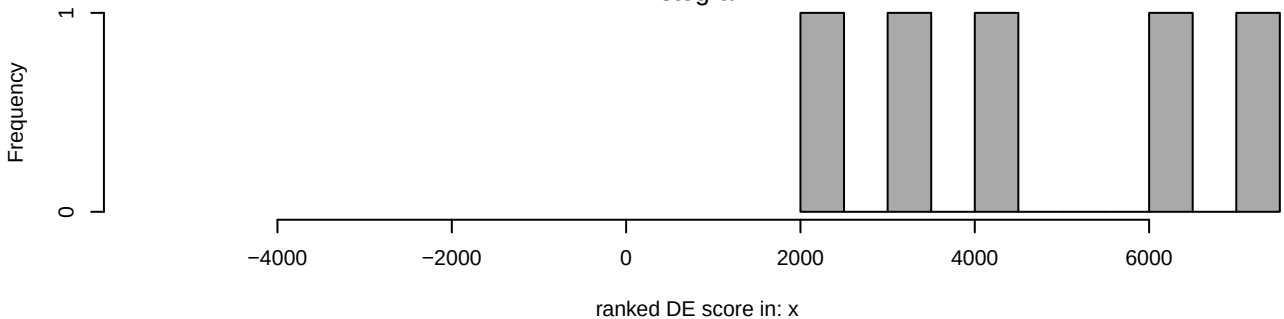
ranked DE score in: x

GO:0140718 facultative heterochromatin formation

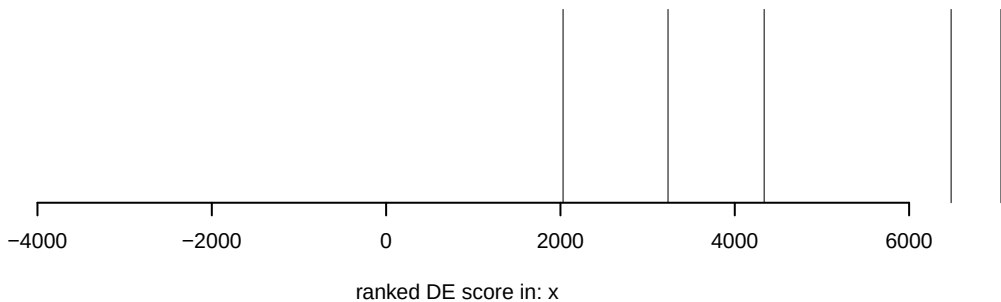
beeswarm plot



histogram

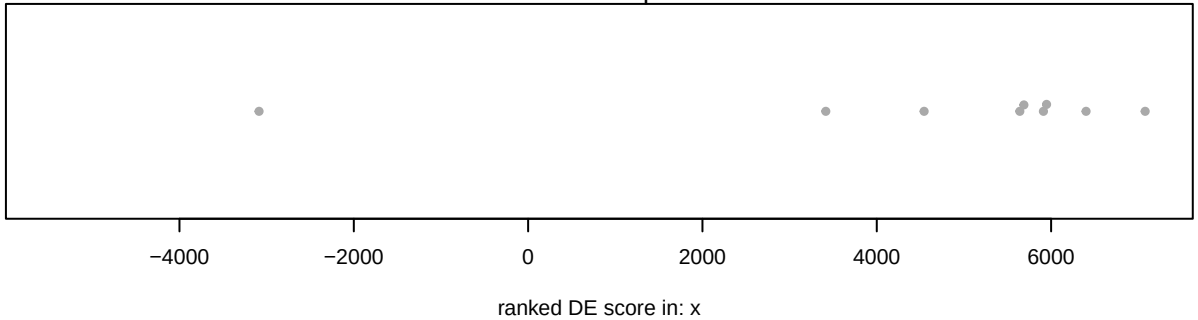


rugplot

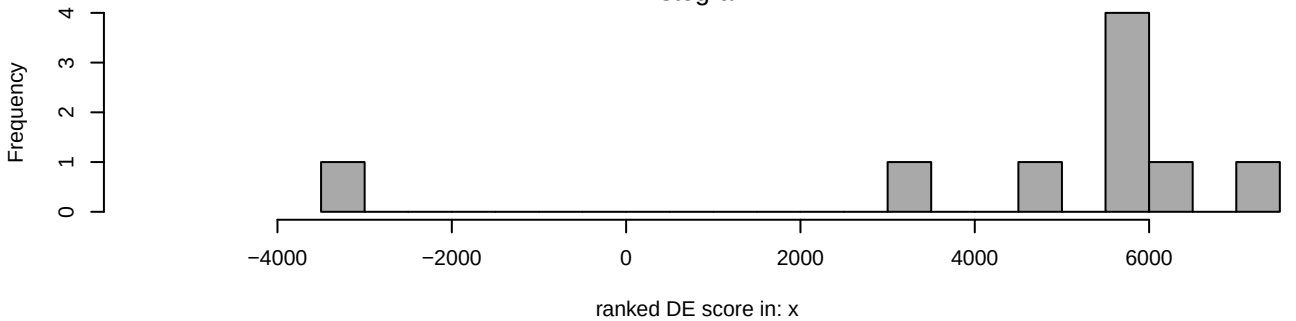


GO:0070306 lens fiber cell differentiation

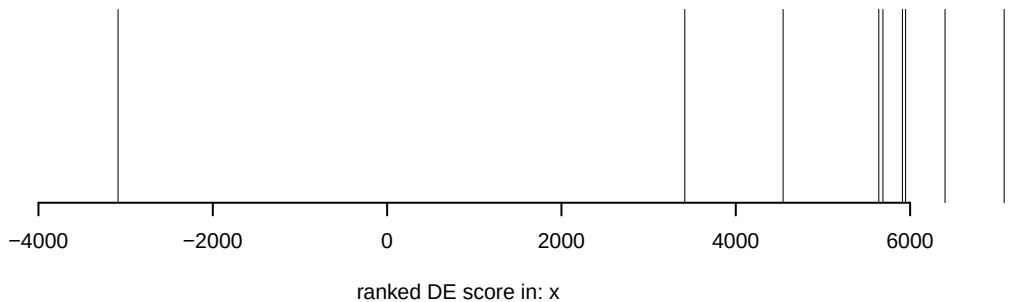
beeswarm plot



histogram

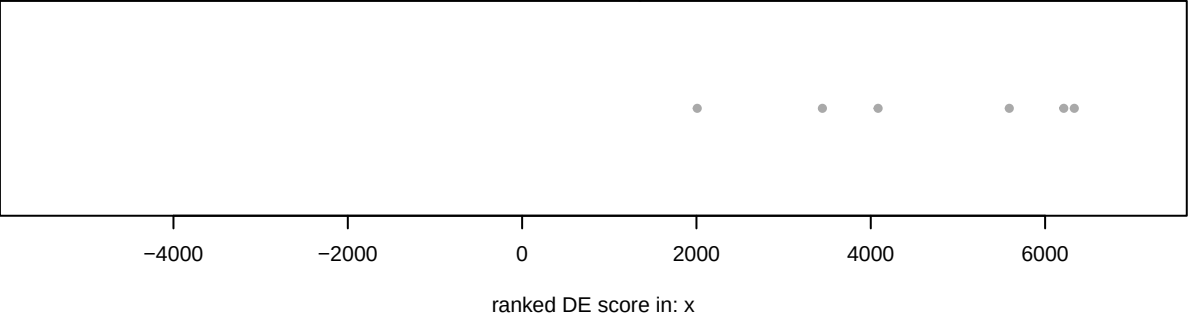


rugplot

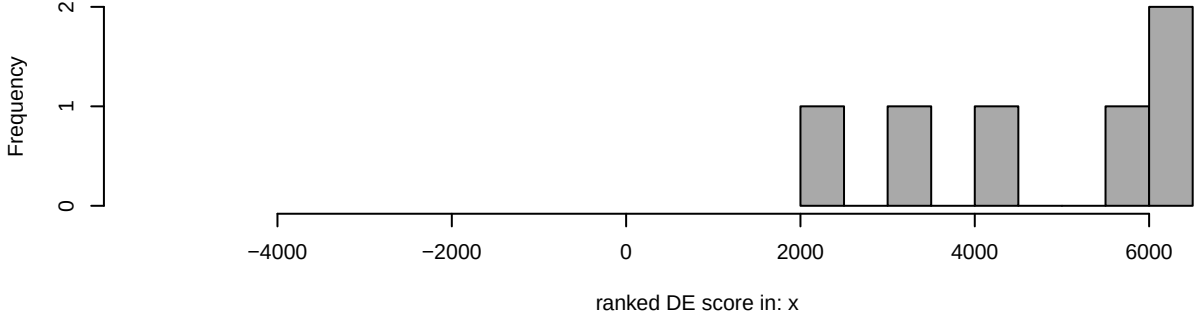


GO:0038133 ERBB2-ERBB3 signaling pathway

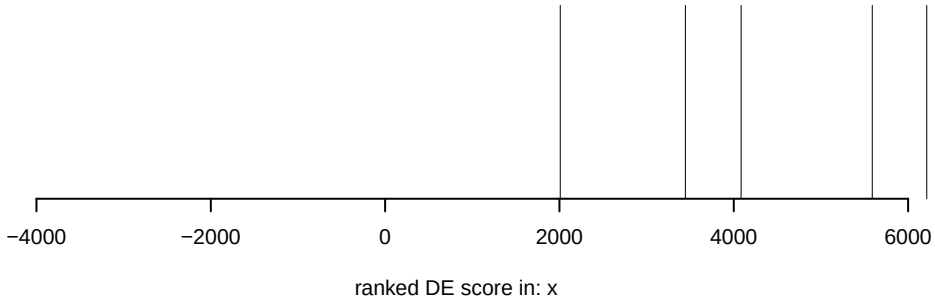
beeswarm plot



histogram

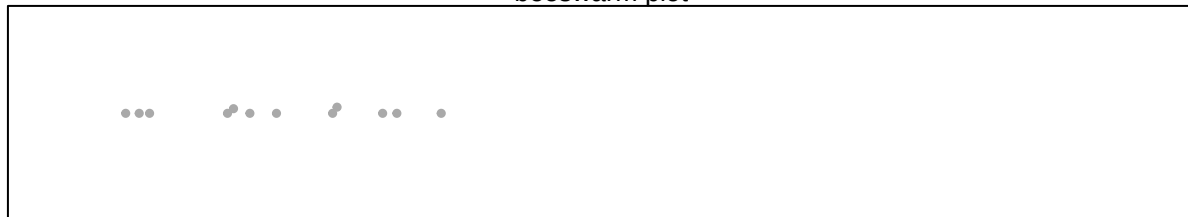


rugplot



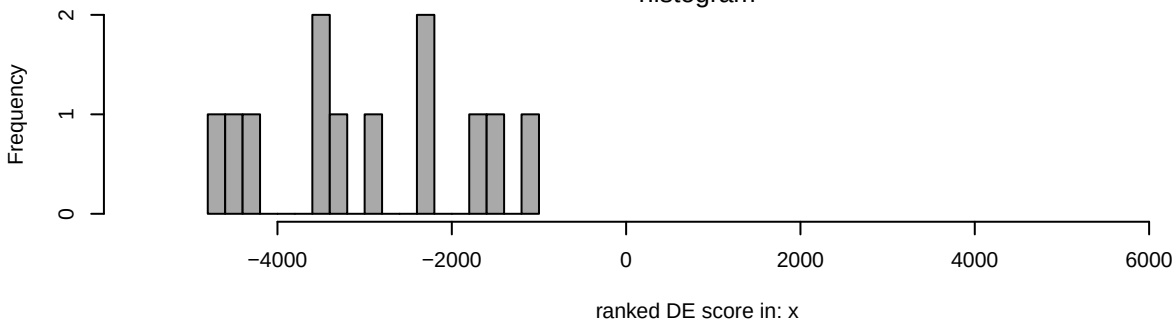
GO:0006122 mitochondrial electron transport, ubiquinol to cytochrome c

beeswarm plot



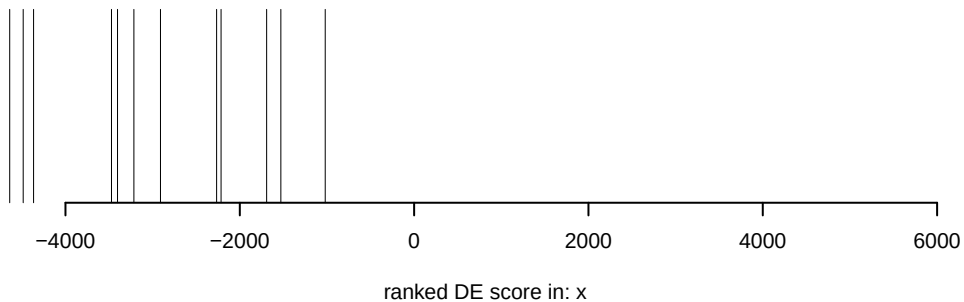
ranked DE score in: x

histogram



ranked DE score in: x

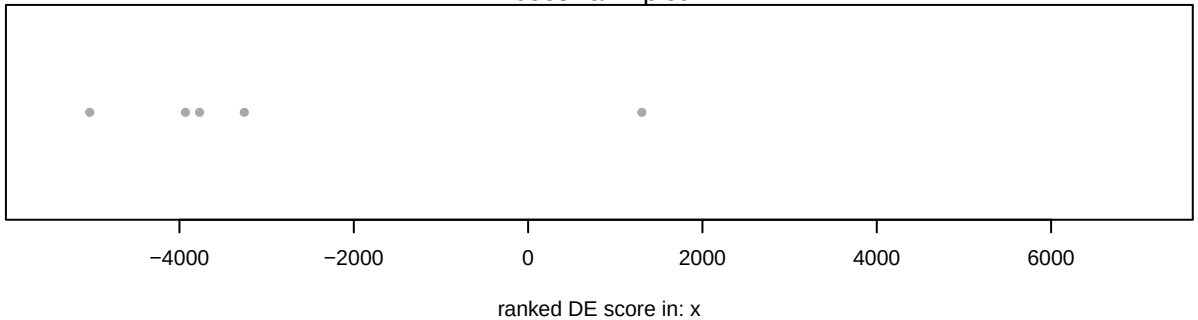
rugplot



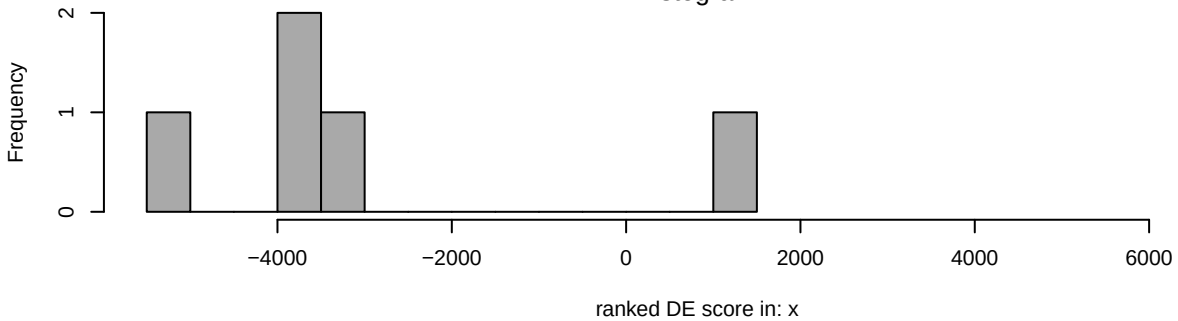
ranked DE score in: x

GO:0004017 adenylate kinase activity

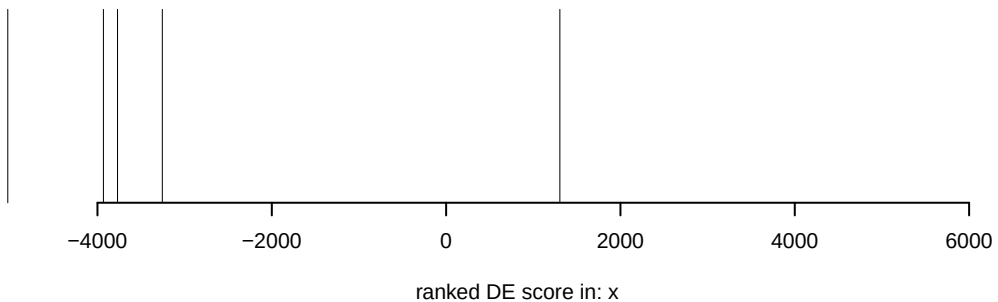
beeswarm plot



histogram

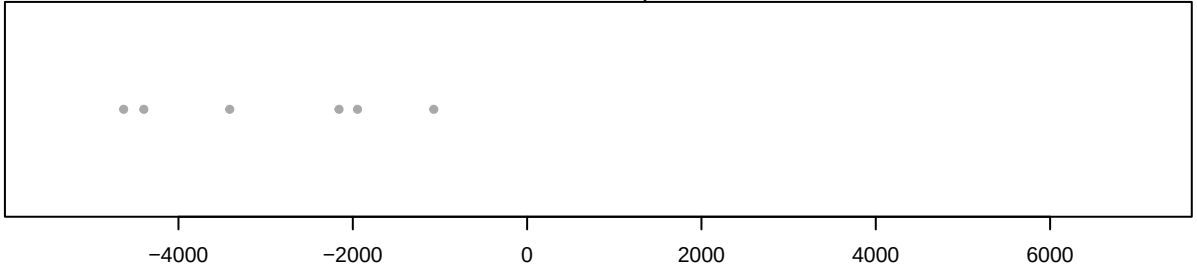


rugplot



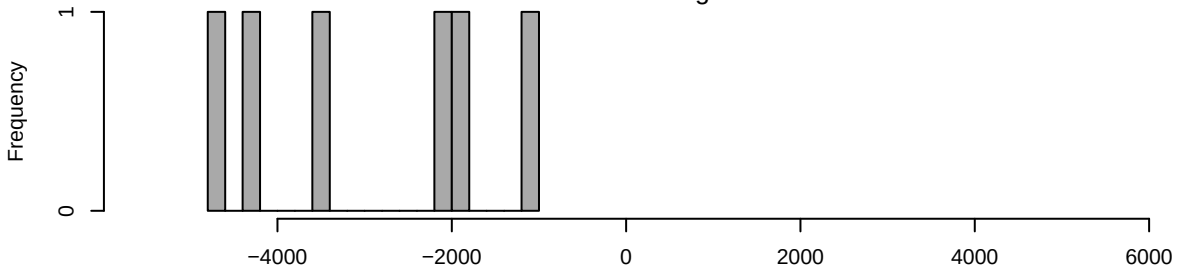
GO:0034715 pICln-Sm protein complex

beeswarm plot



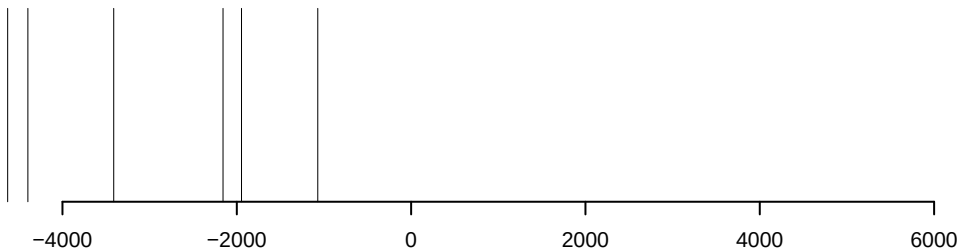
ranked DE score in: x

histogram



ranked DE score in: x

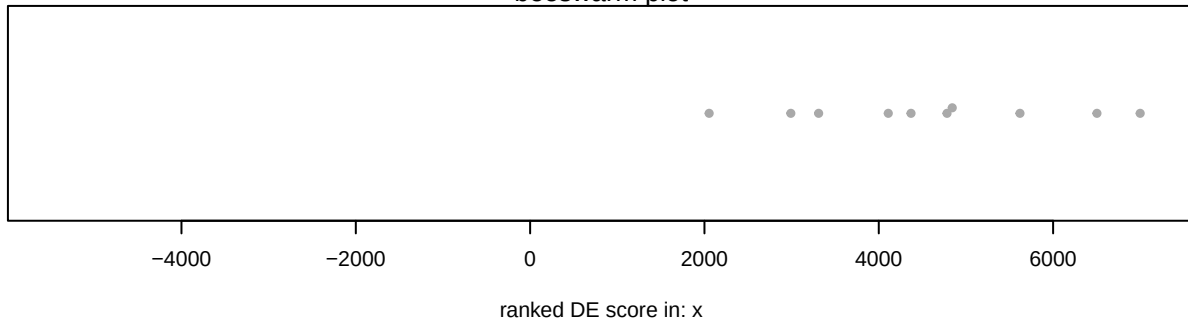
rugplot



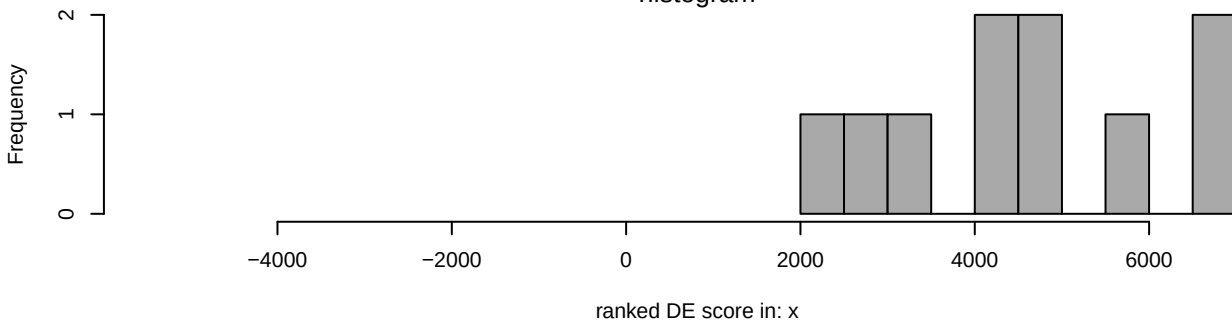
ranked DE score in: x

GO:0051146 striated muscle cell differentiation

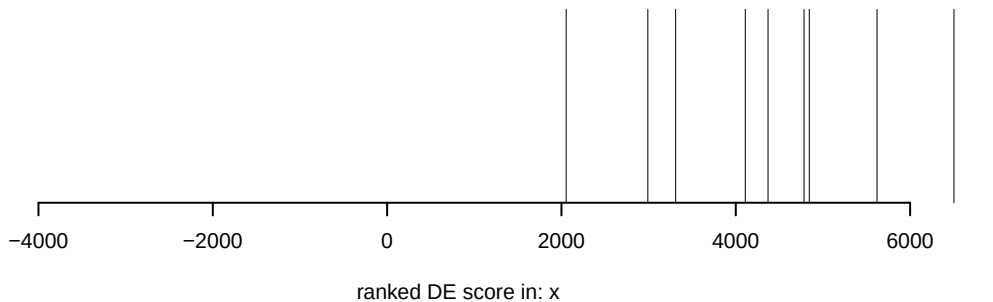
beeswarm plot



histogram

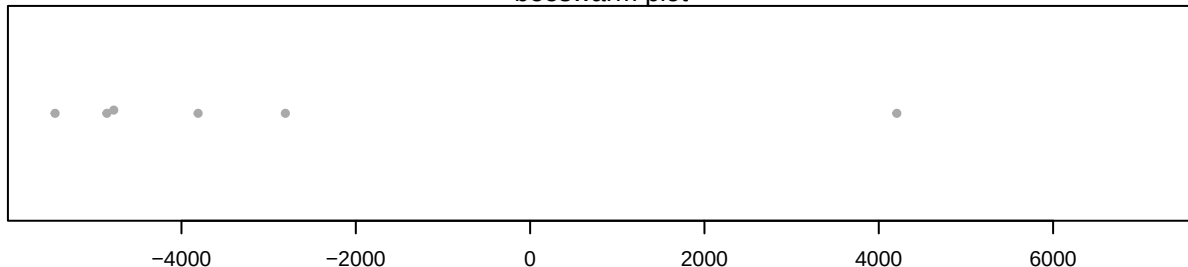


rugplot



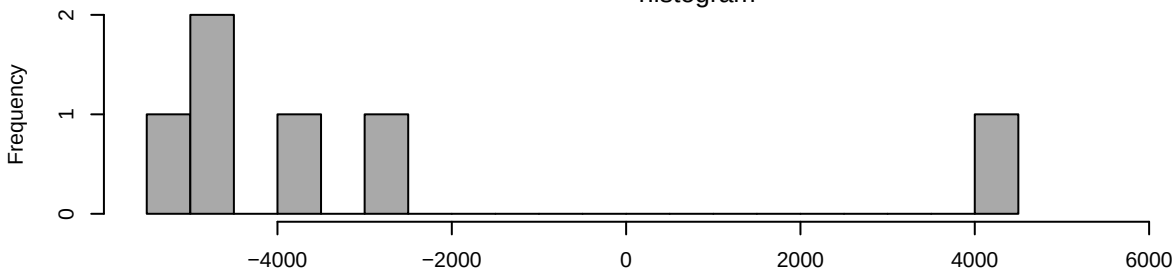
GO:0071986 Regulator complex

beeswarm plot



ranked DE score in: x

histogram



ranked DE score in: x

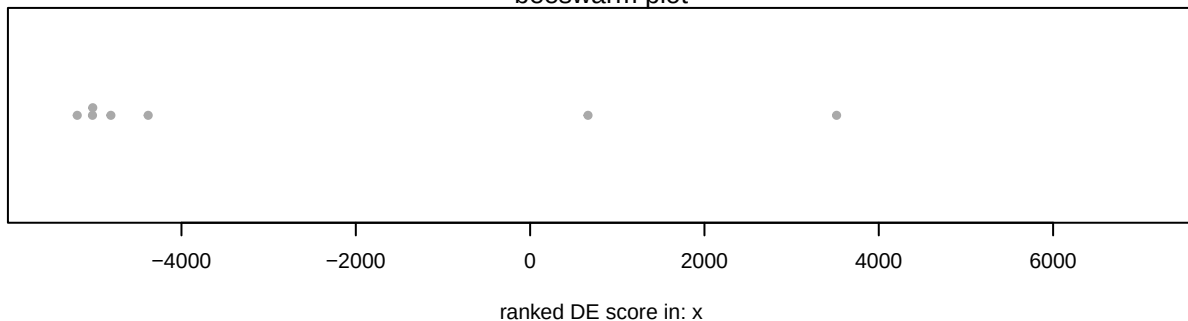
rugplot



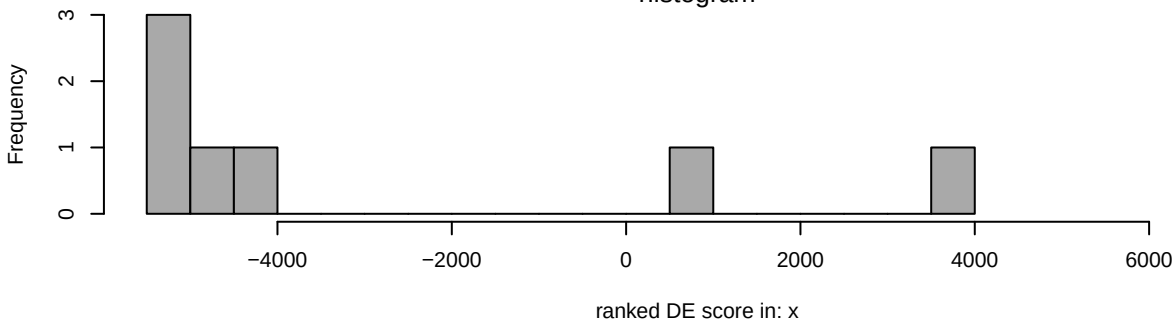
ranked DE score in: x

GO:0016272 prefoldin complex

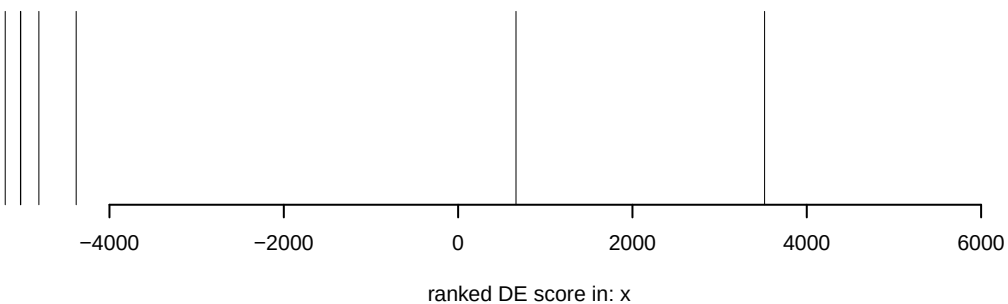
beeswarm plot



histogram

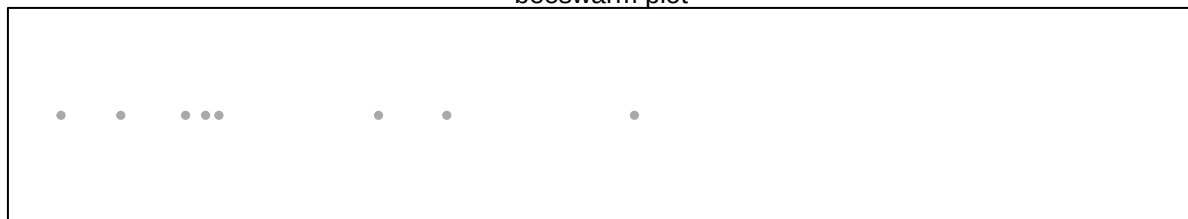


rugplot

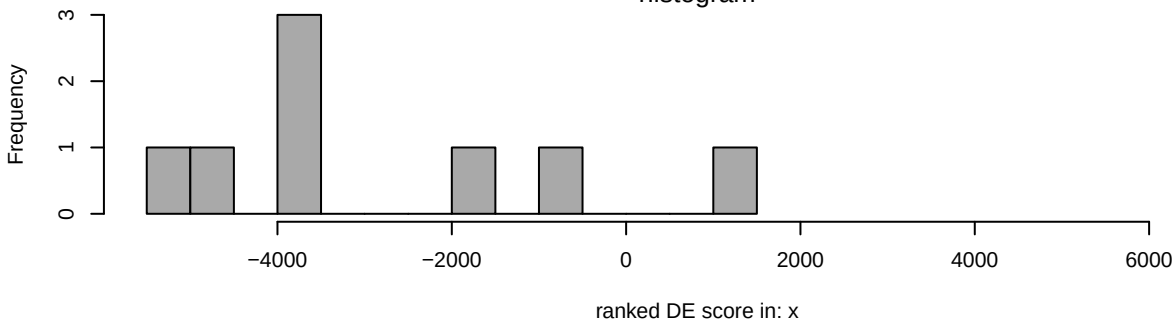


GO:0005540 hyaluronic acid binding

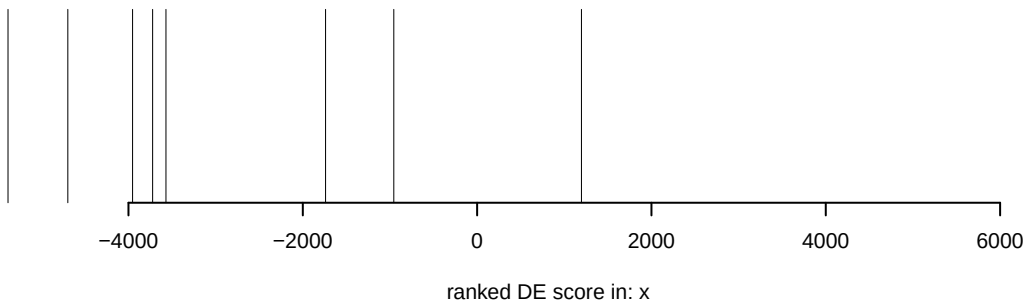
beeswarm plot



histogram

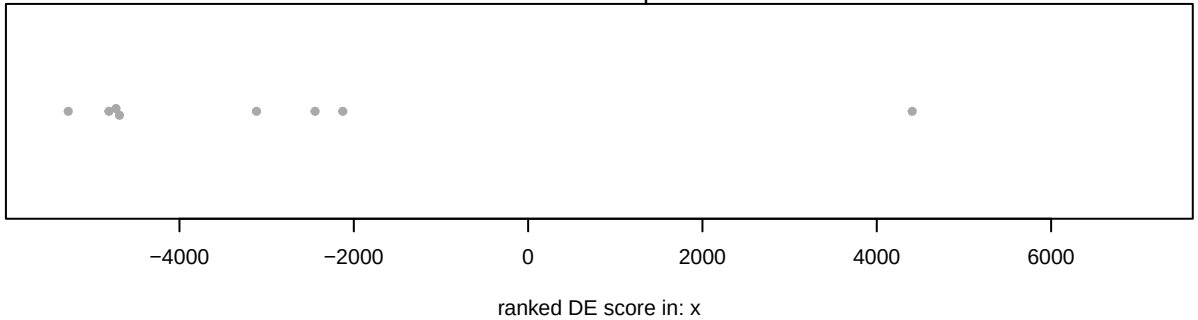


rugplot

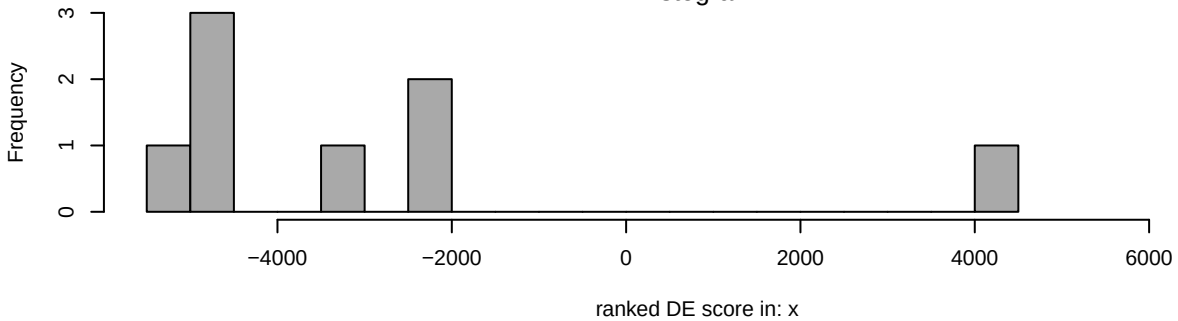


GO:2000035 regulation of stem cell division

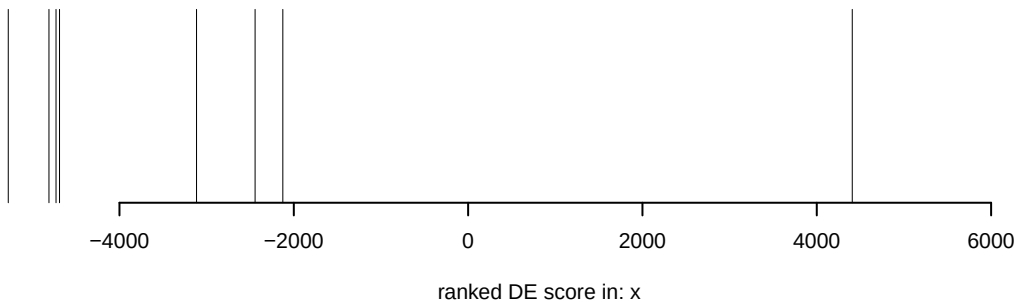
beeswarm plot



histogram

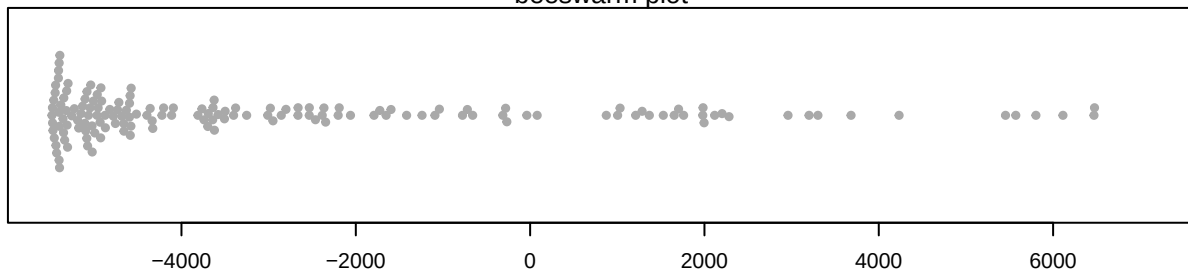


rugplot

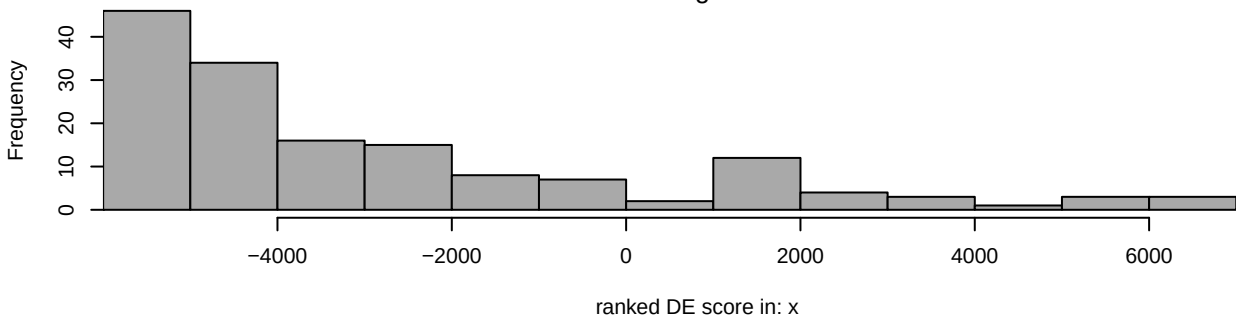


GO:0003735 structural constituent of ribosome

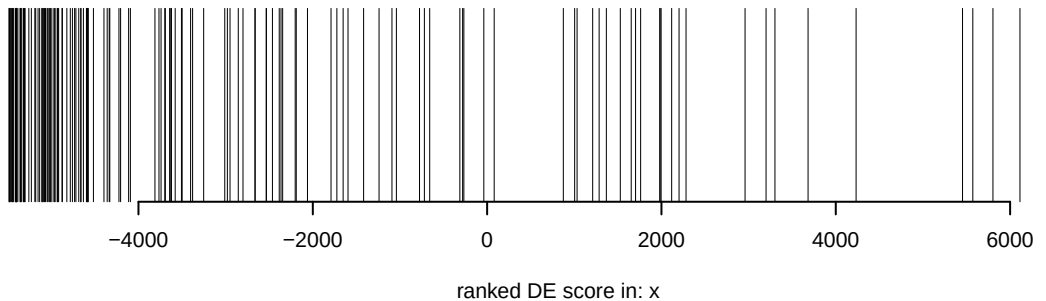
beeswarm plot



histogram

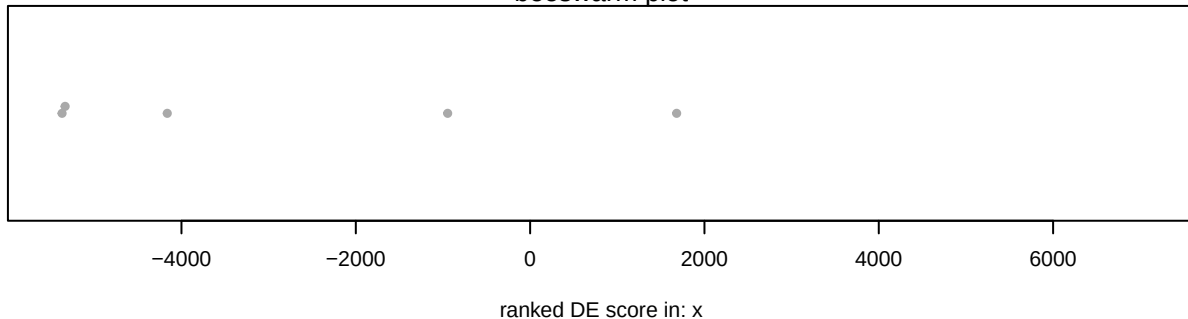


rugplot

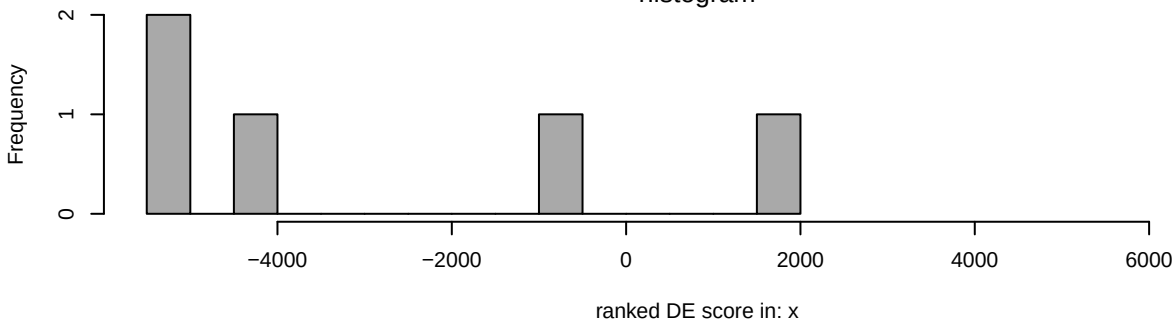


GO:0034393 positive regulation of smooth muscle cell apoptotic process

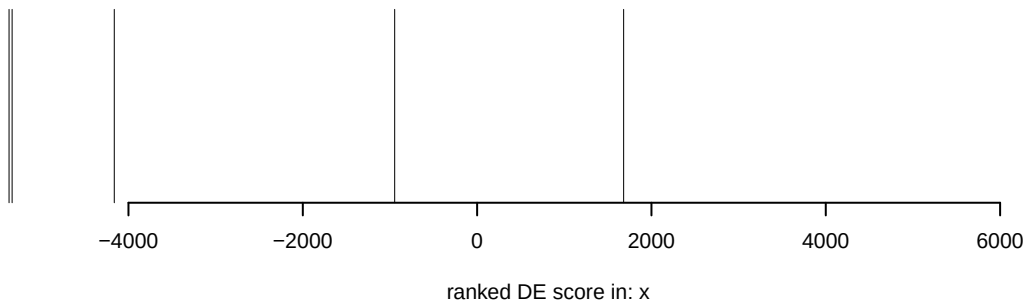
beeswarm plot



histogram

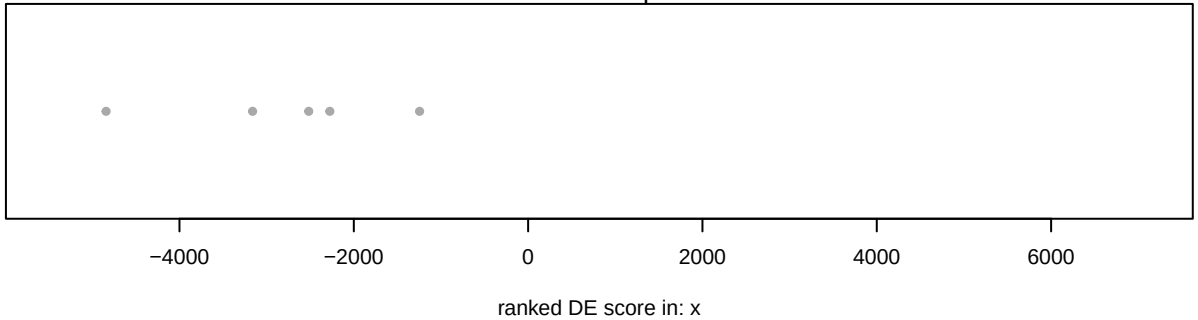


rugplot

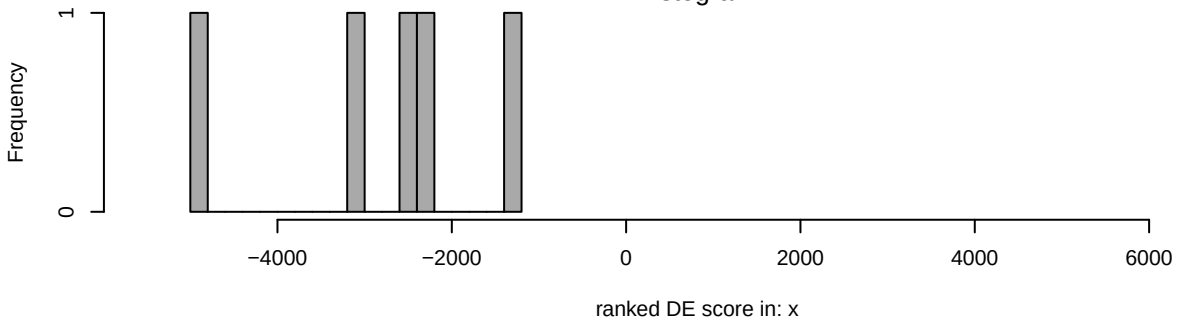


GO:0097731 9+0 non-motile cilium

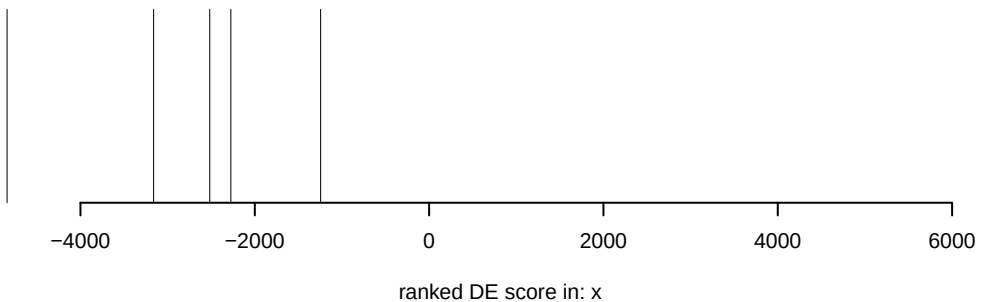
beeswarm plot



histogram

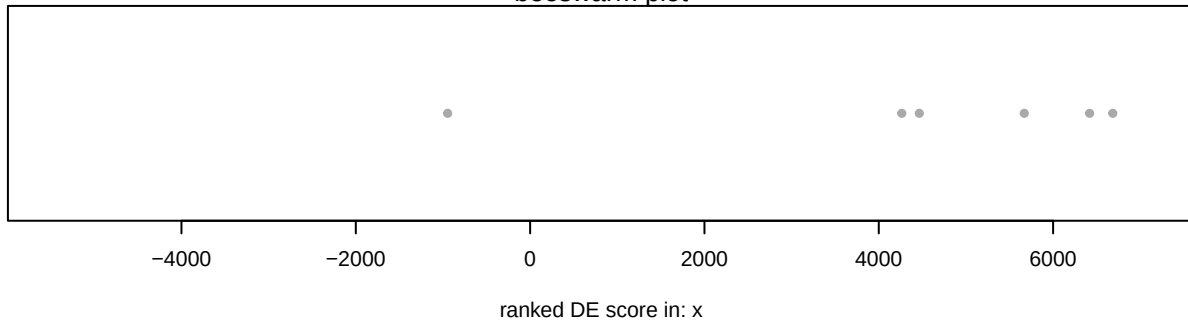


rugplot

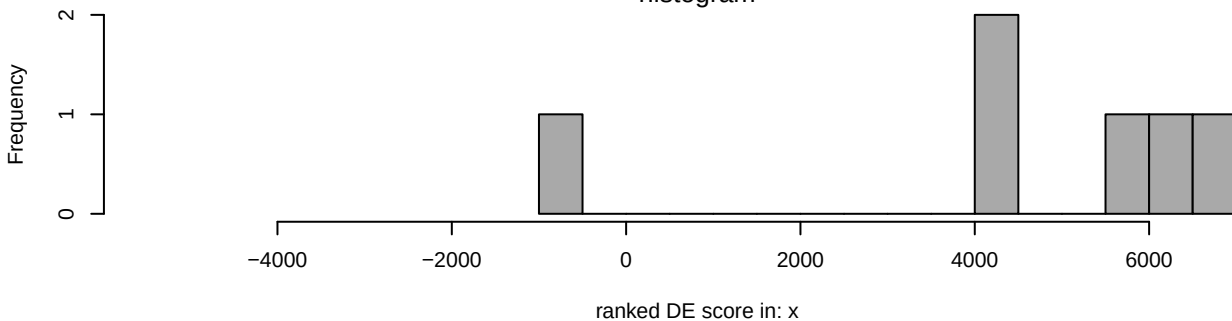


GO:0150076 neuroinflammatory response

beeswarm plot



histogram



rugplot

