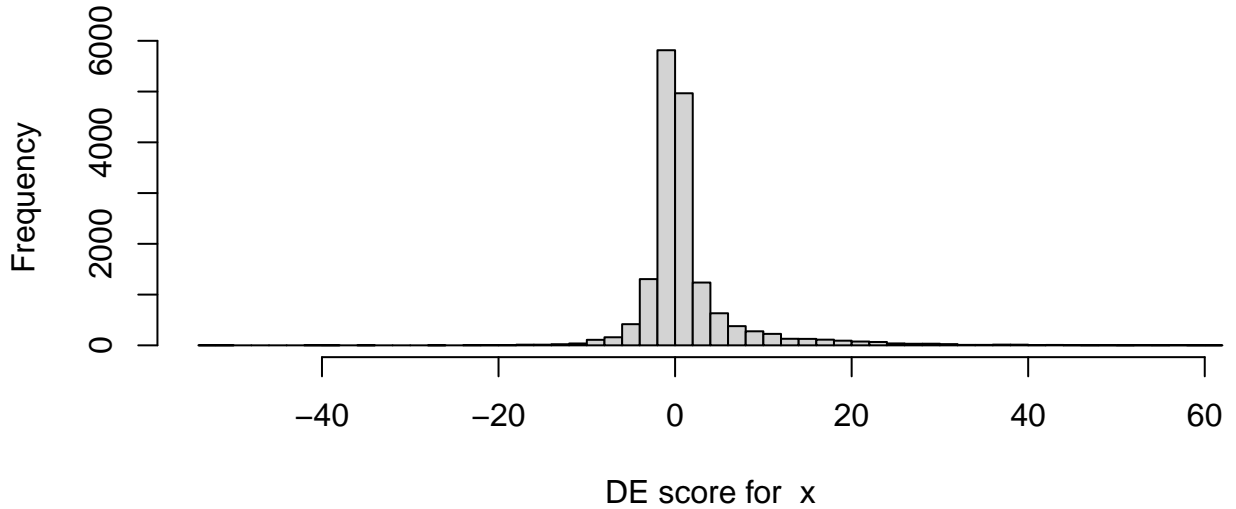
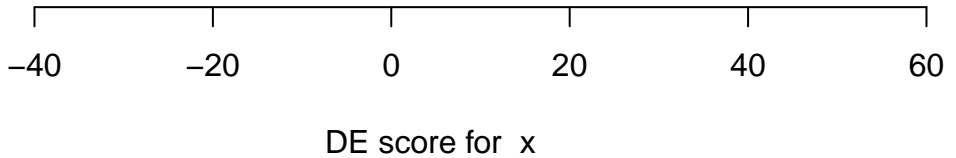


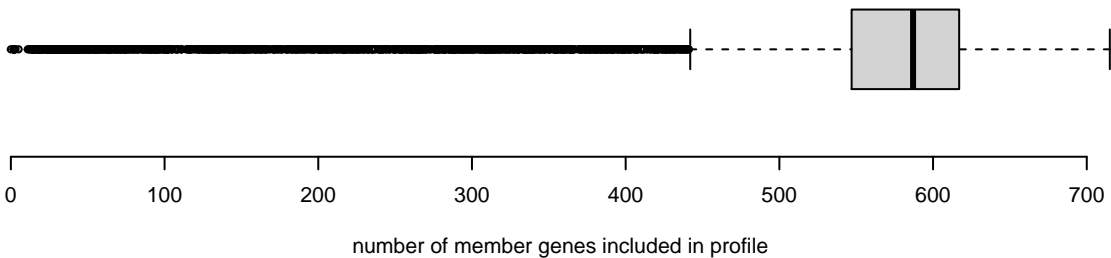
Distribution of DE scores



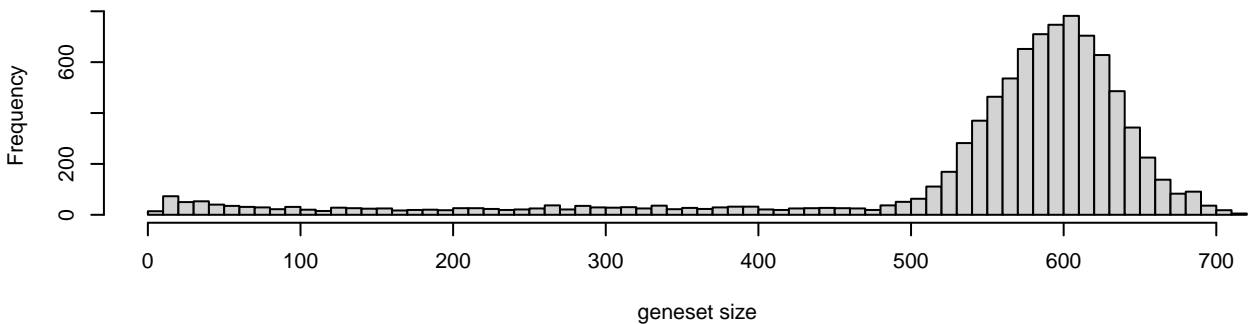
16428 genes in total, 8521 trending up-regulated, 7907 trending down-regulated



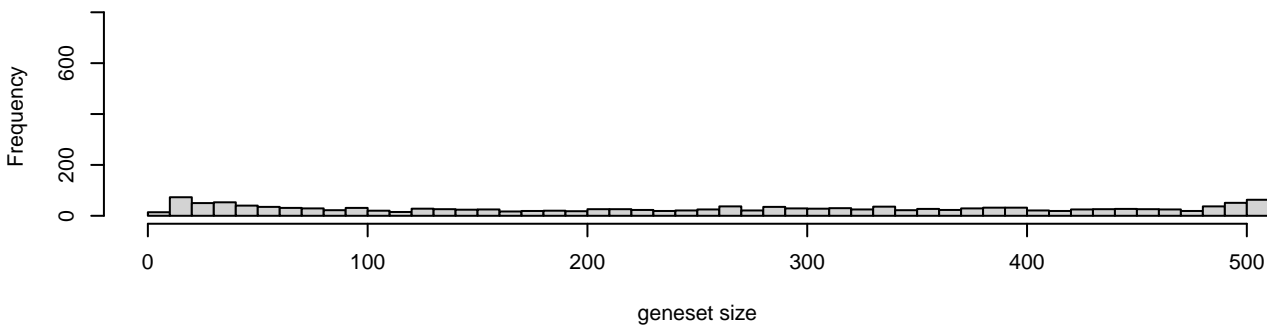
Gene set size



Histogram of geneset size

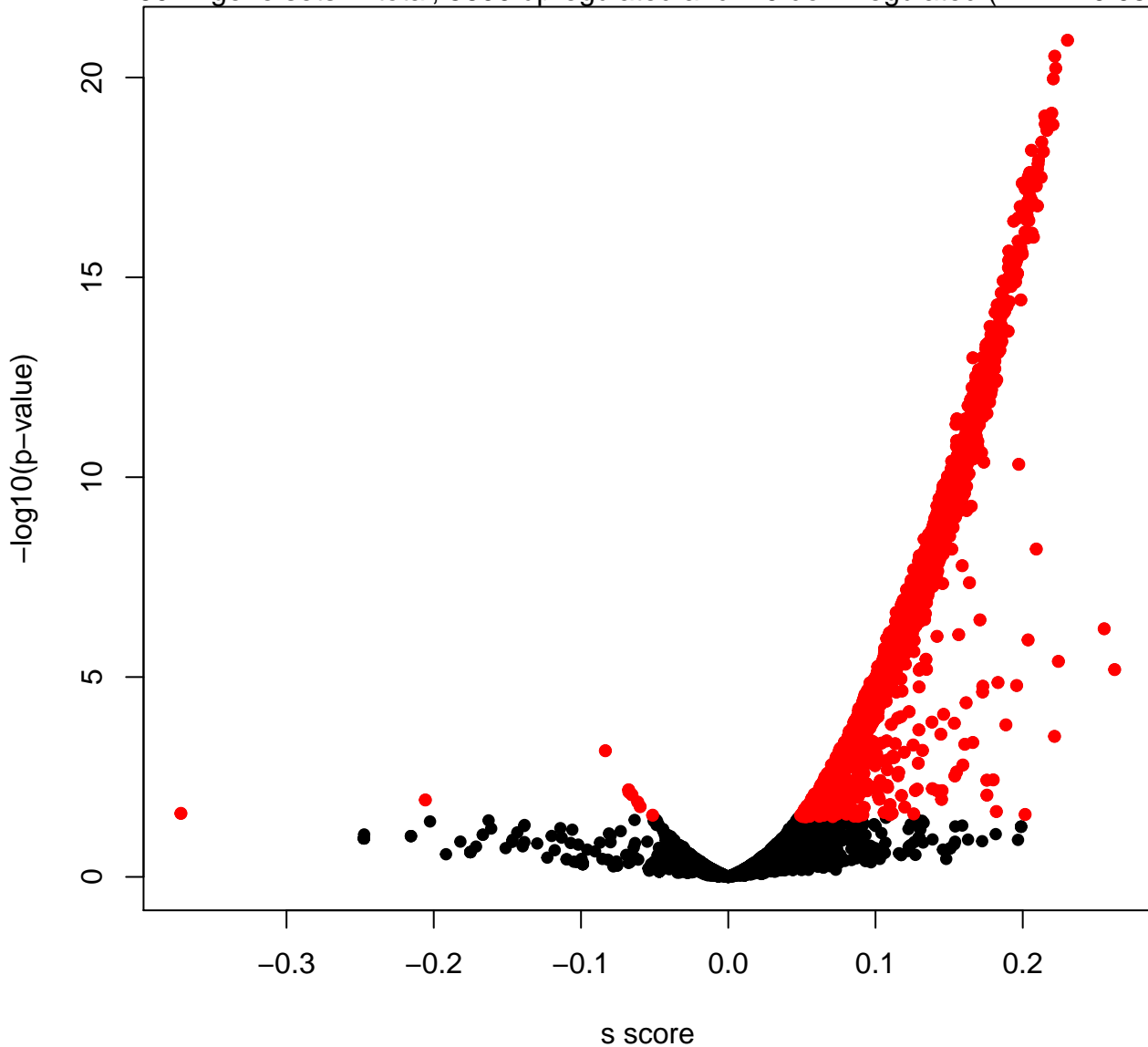


Trimmed histogram of geneset size



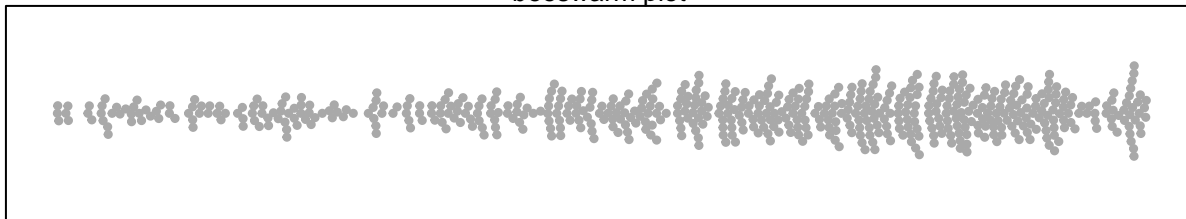
volcano plot of gene set enrichments

9041 gene sets in total, 5600 upregulated and 10 downregulated (FDR<=0.05)



POLR2A_Swiss-3T3_Fibroblast_48405

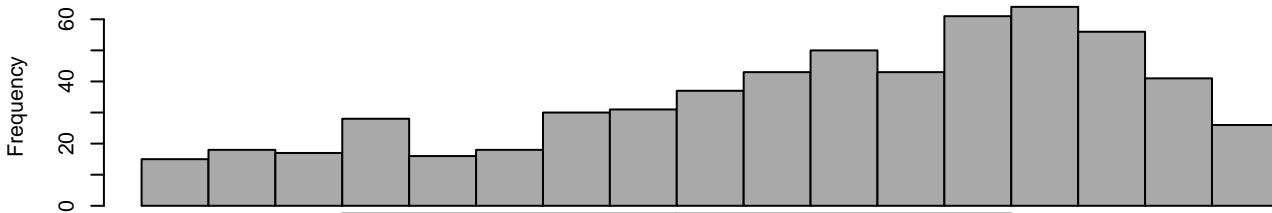
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



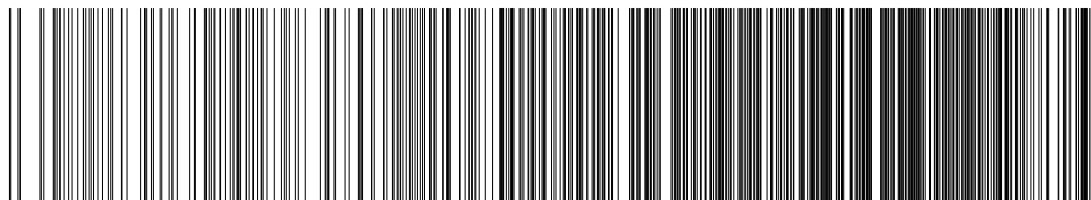
-5000

0

5000

ranked DE score in: x

rugplot



-5000

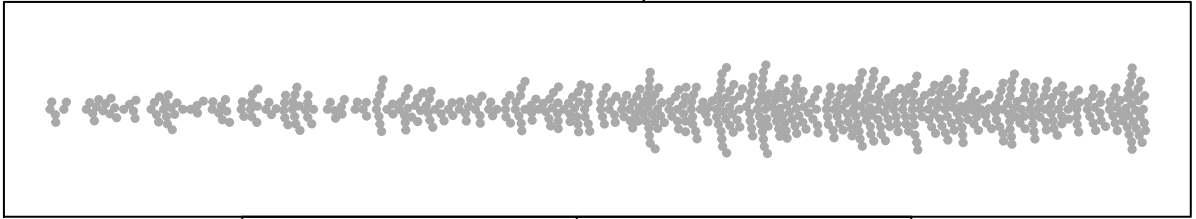
0

5000

ranked DE score in: x

POLR2A_S194_BLymphocyte_59366

beeswarm plot



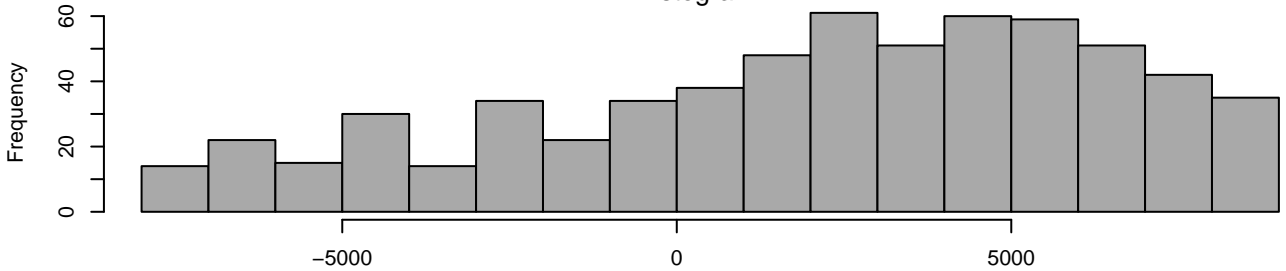
-5000

0

5000

ranked DE score in: x

histogram



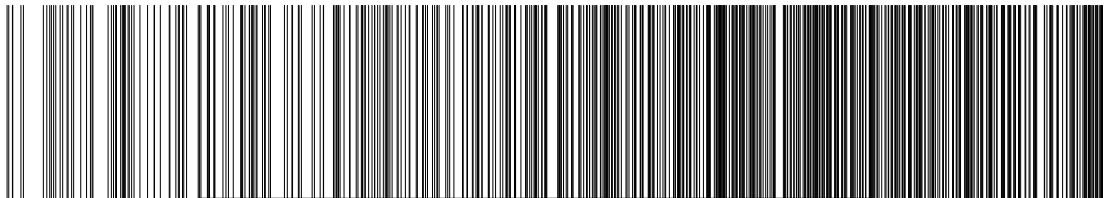
-5000

0

5000

ranked DE score in: x

rugplot



-5000

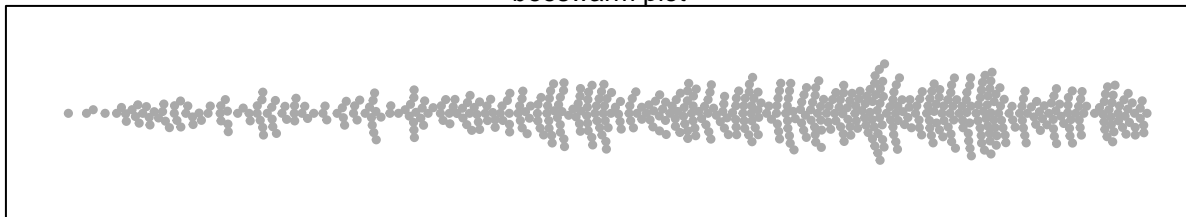
0

5000

ranked DE score in: x

MAPK8_None_EmbryonicStemCell_6011

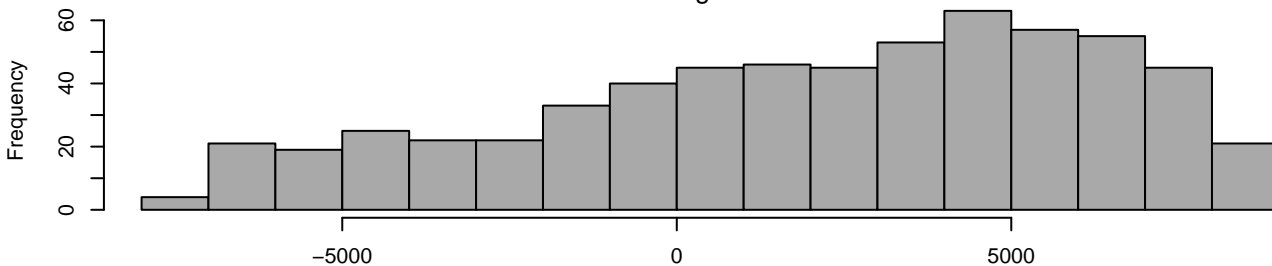
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



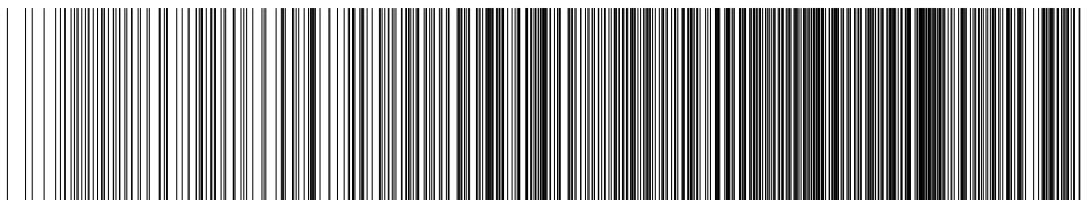
-5000

0

5000

ranked DE score in: x

rugplot



-5000

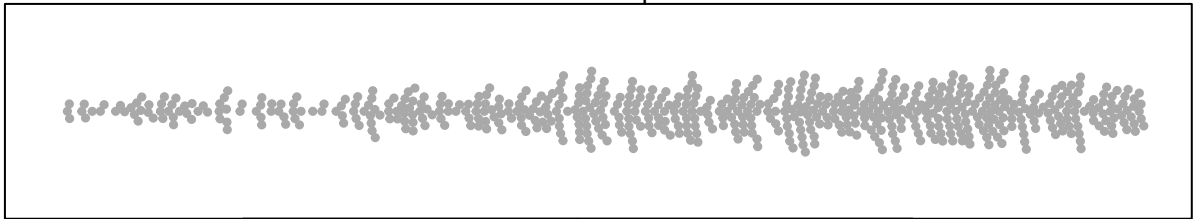
0

5000

ranked DE score in: x

MAPK8_None_NeuralProgenitorCell_6021

beeswarm plot



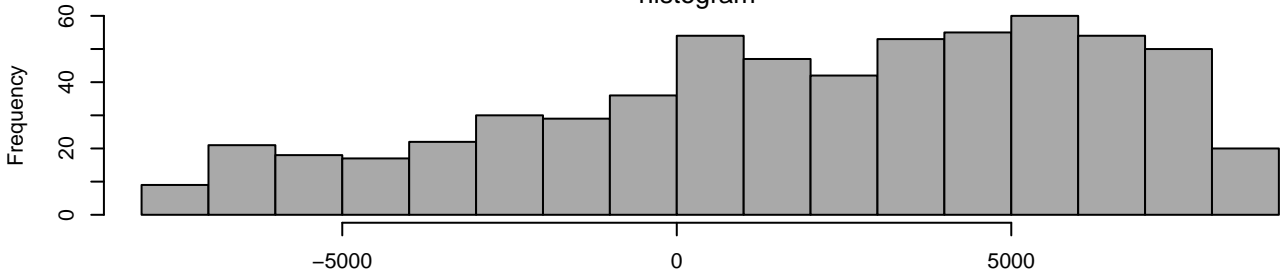
-5000

0

5000

ranked DE score in: x

histogram



Frequency

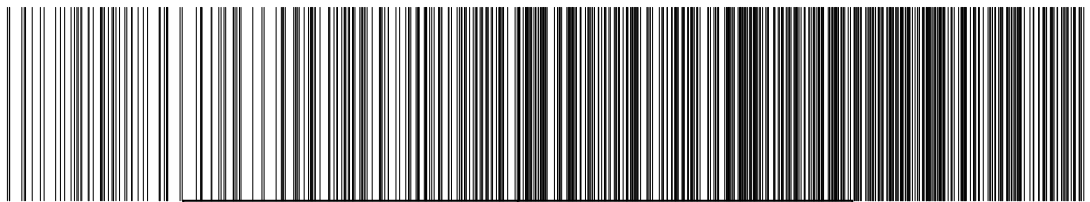
-5000

0

5000

ranked DE score in: x

rugplot



-5000

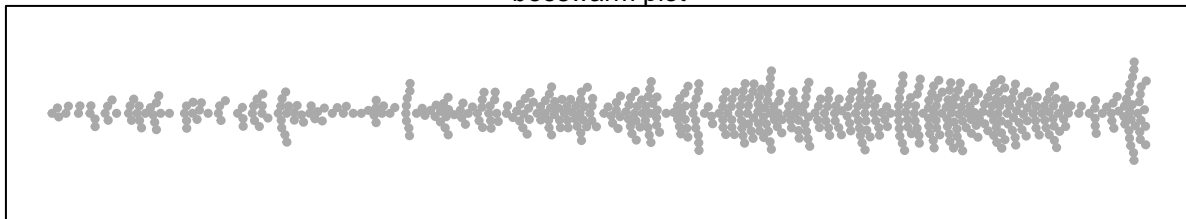
0

5000

ranked DE score in: x

POLR2A_Swiss-3T3_Fibroblast_48404

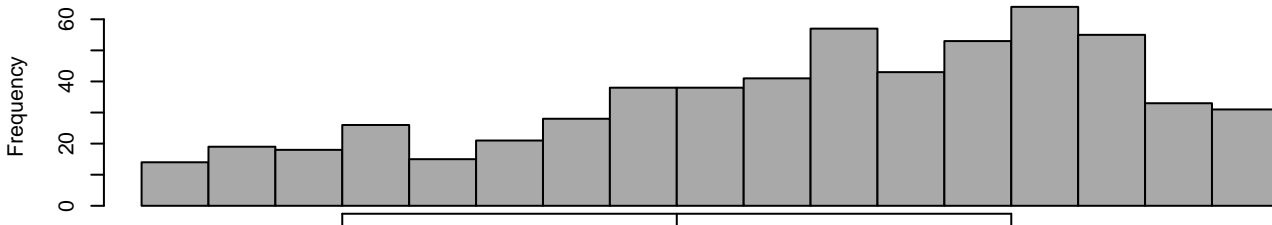
beeswarm plot



-5000 0 5000

ranked DE score in: x

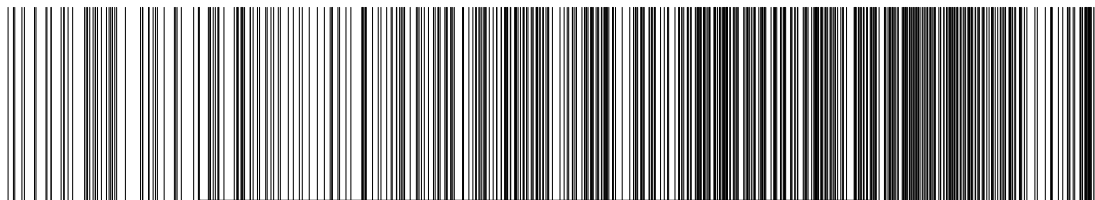
histogram



-5000 0 5000

ranked DE score in: x

rugplot

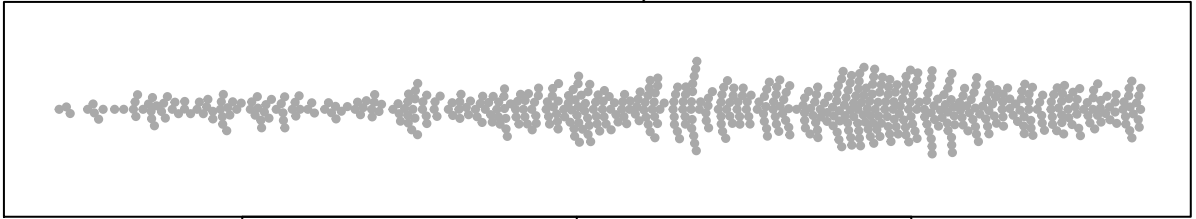


-5000 0 5000

ranked DE score in: x

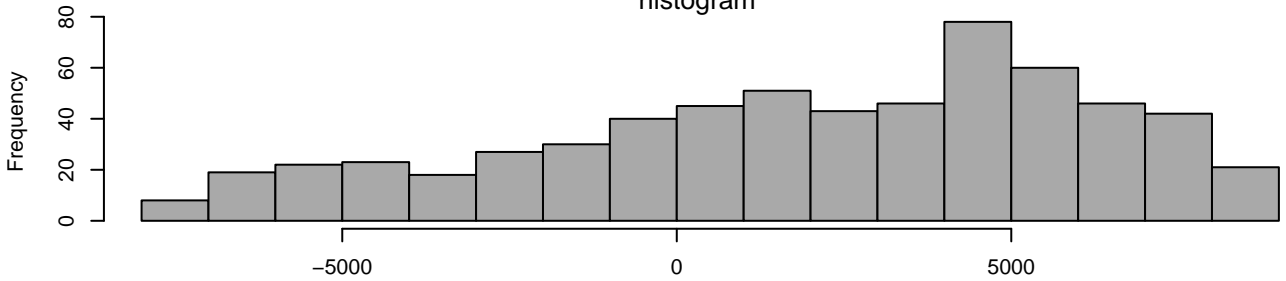
POLR2A_KH2_EmbryonicStemCell_70887

beeswarm plot



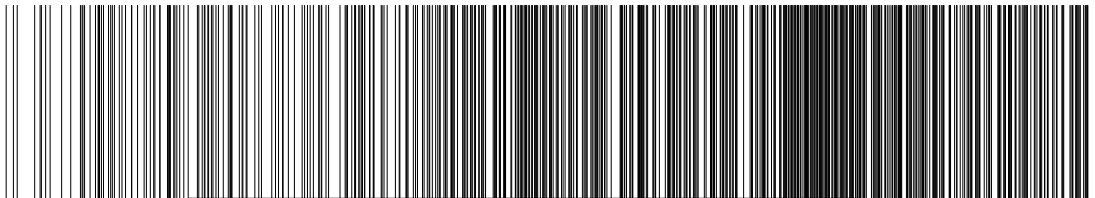
ranked DE score in: x

histogram



ranked DE score in: x

rugplot



-5000

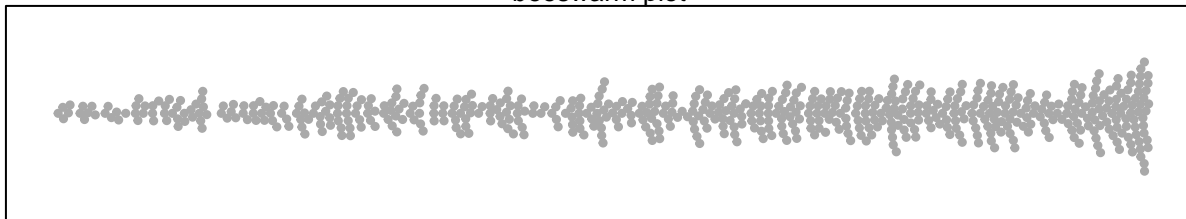
0

5000

ranked DE score in: x

STAT1_None_Macrophage_38421

beeswarm plot



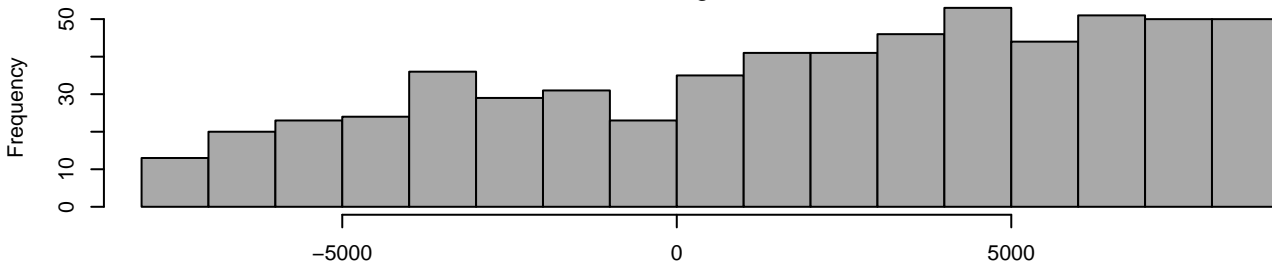
-5000

0

5000

ranked DE score in: x

histogram



50

30

10

0

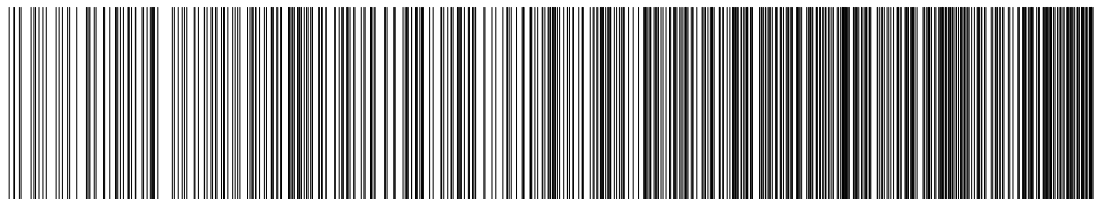
-5000

0

5000

ranked DE score in: x

rugplot



-5000

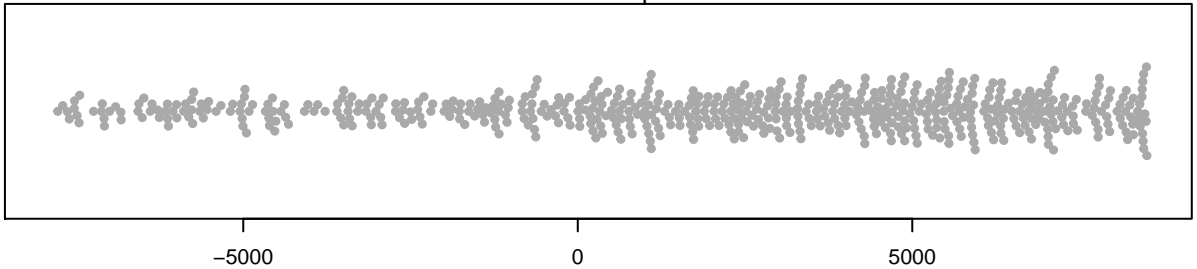
0

5000

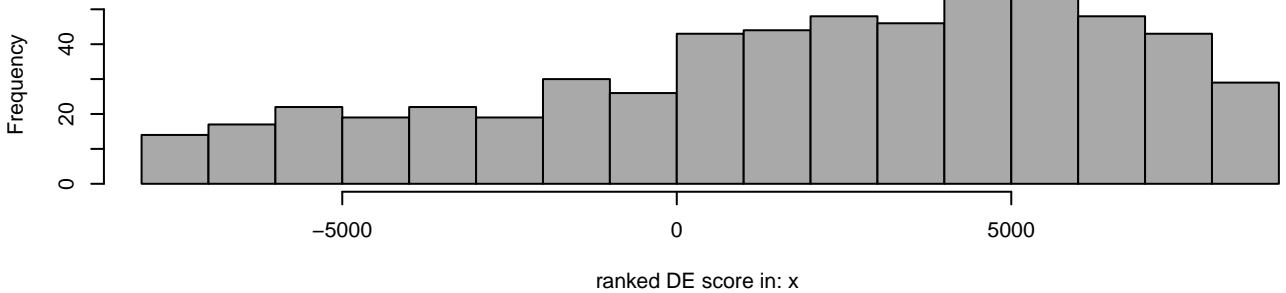
ranked DE score in: x

SMARCA4_None_EmbryonicFibroblast_72190

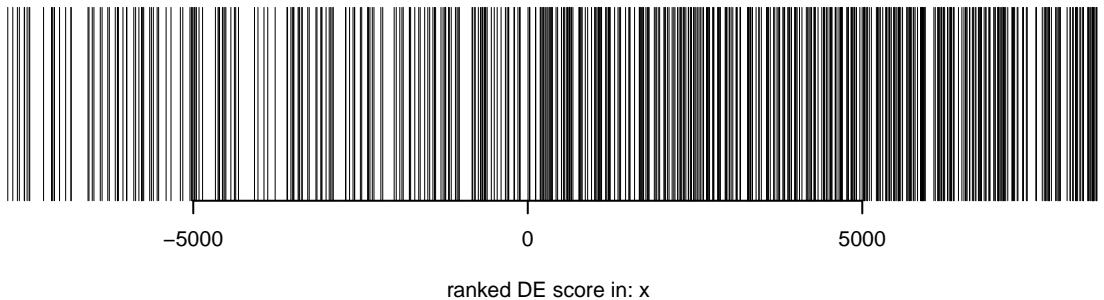
beeswarm plot



histogram

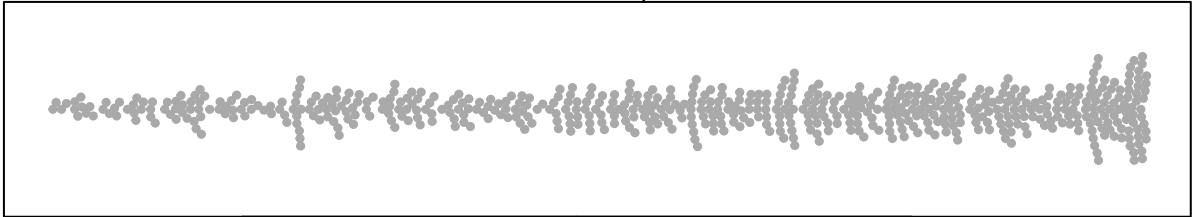


rugplot



STAT1_None_Macrophage_51073

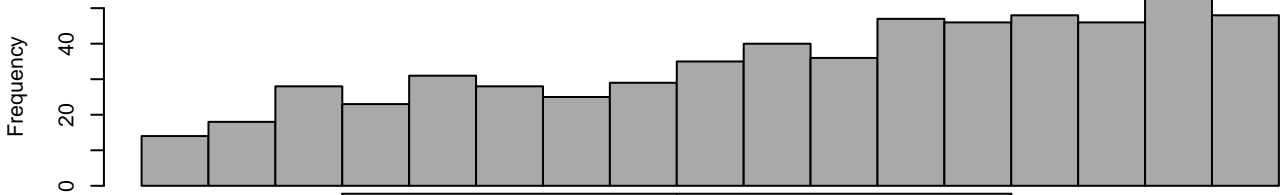
beeswarm plot



-5000 0 5000

ranked DE score in: x

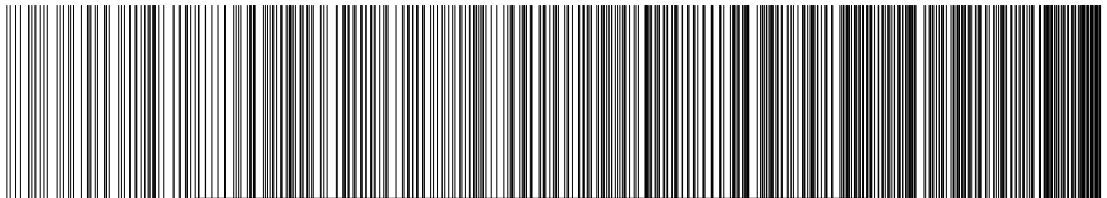
histogram



-5000 0 5000

ranked DE score in: x

rugplot

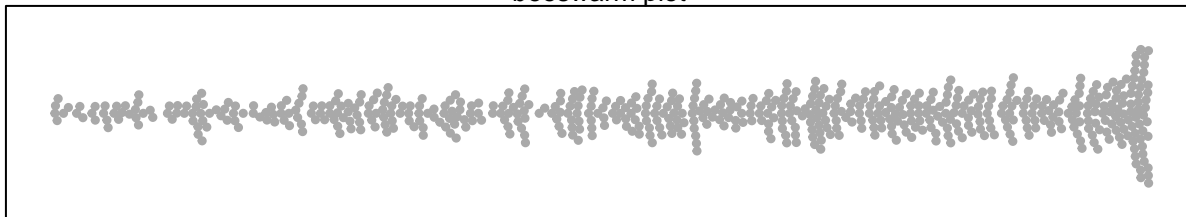


-5000 0 5000

ranked DE score in: x

STAT1_None_Macrophage_51089

beeswarm plot



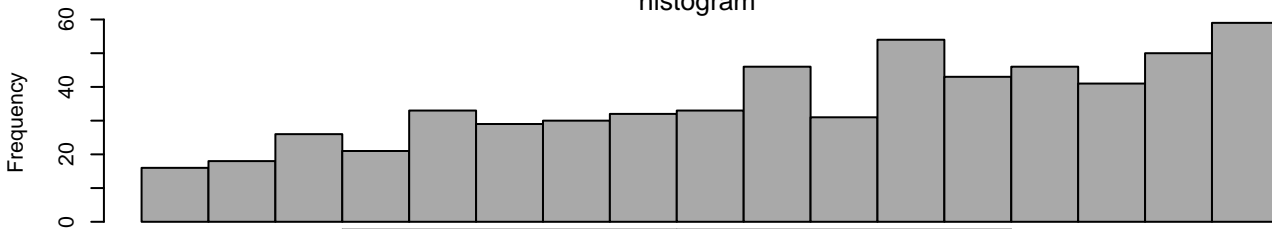
-5000

0

5000

ranked DE score in: x

histogram



60

40

20

0

Frequency

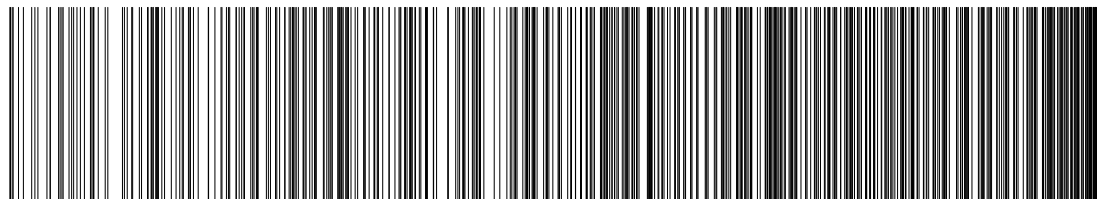
-5000

0

5000

ranked DE score in: x

rugplot



-5000

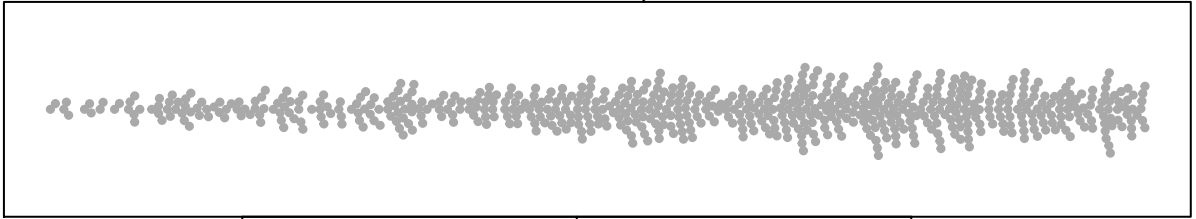
0

5000

ranked DE score in: x

SMARCA4_None_TLymphocyte_4548

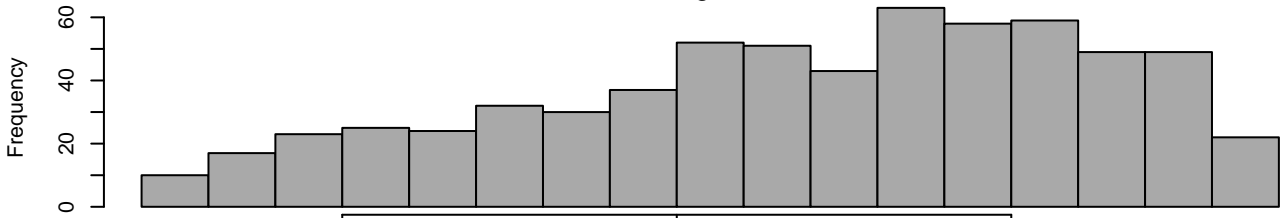
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



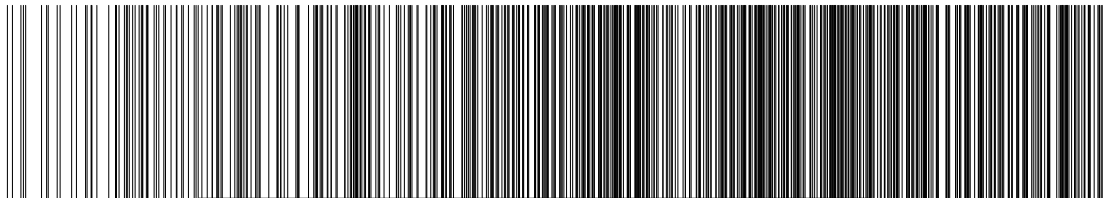
-5000

0

5000

ranked DE score in: x

rugplot



-5000

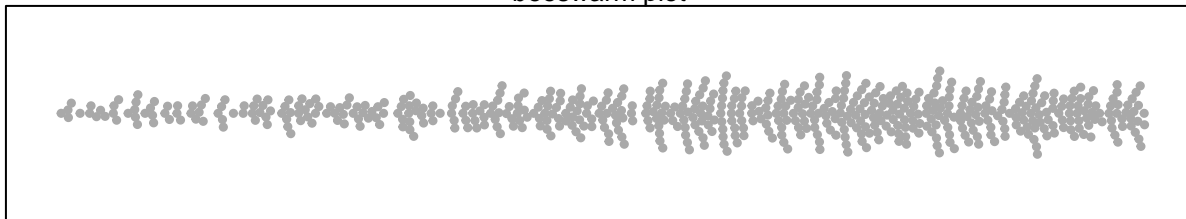
0

5000

ranked DE score in: x

WDR5_C2C12_Myoblast_44373

beeswarm plot



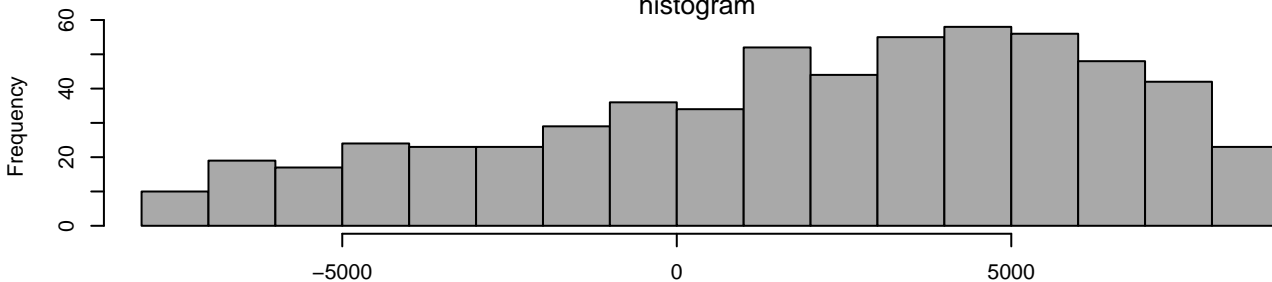
-5000

0

5000

ranked DE score in: x

histogram



60

40

20

0

Frequency

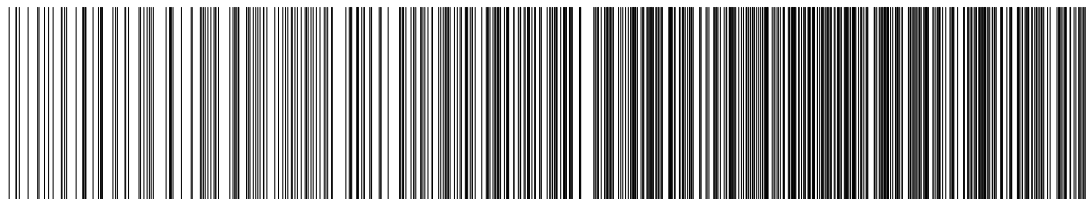
-5000

0

5000

ranked DE score in: x

rugplot



-5000

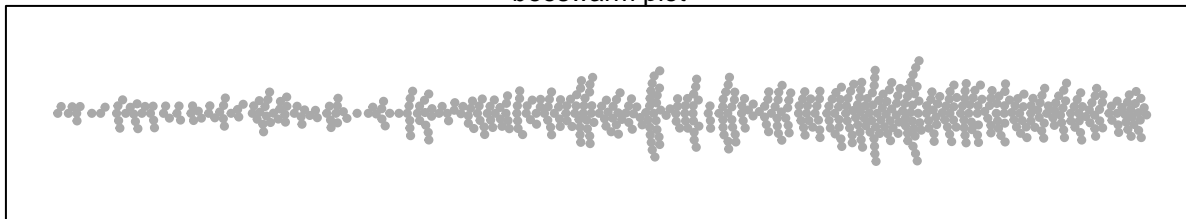
0

5000

ranked DE score in: x

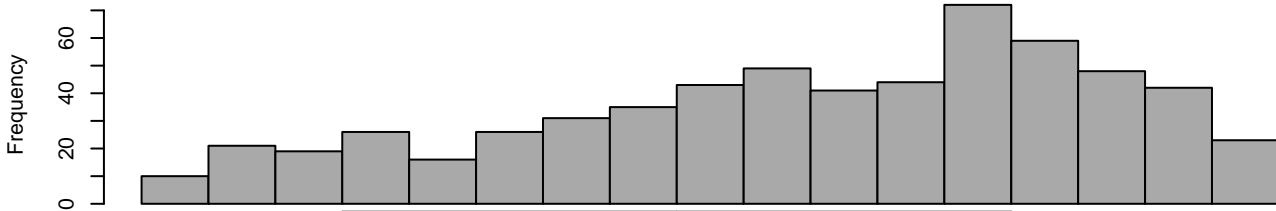
POLR2A_None_EmbryonicStemCell_47348

beeswarm plot



ranked DE score in: x

histogram



Frequency

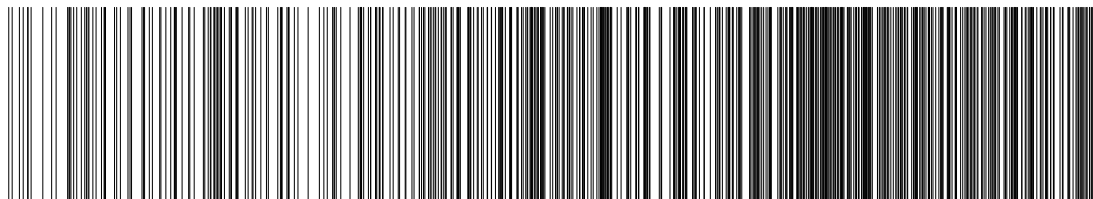
-5000

0

5000

ranked DE score in: x

rugplot



-5000

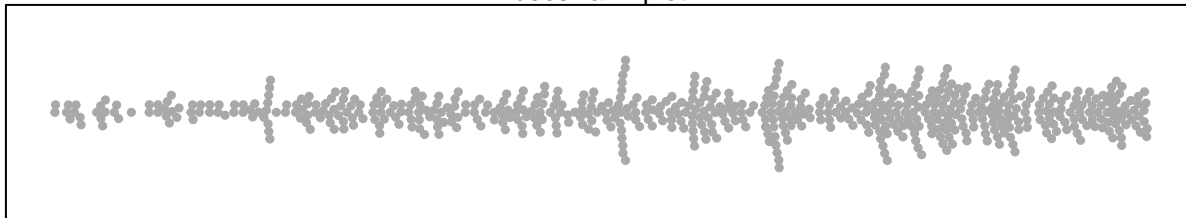
0

5000

ranked DE score in: x

TCF3_None_BLymphocyte_68985

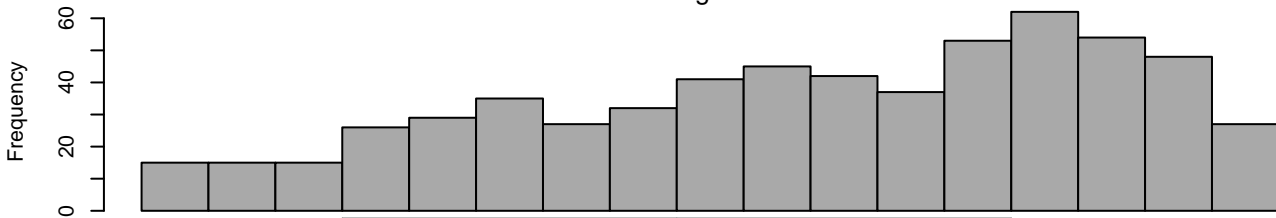
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



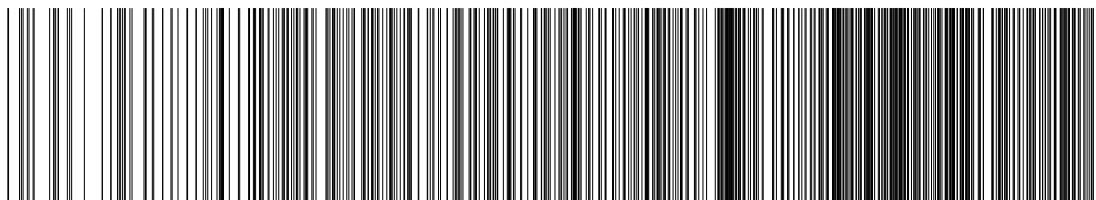
-5000

0

5000

ranked DE score in: x

rugplot



-5000

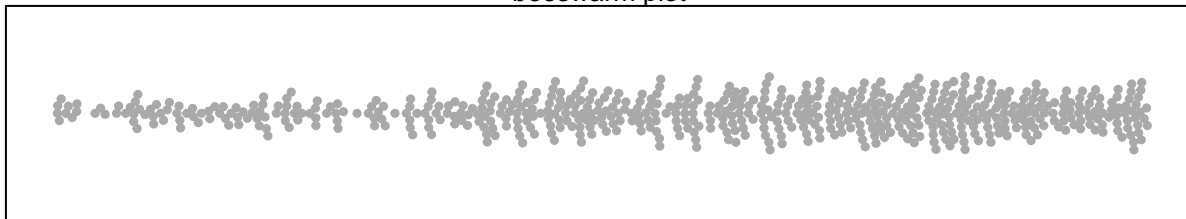
0

5000

ranked DE score in: x

POLR2A_None_EmbryonicStemCell_47346

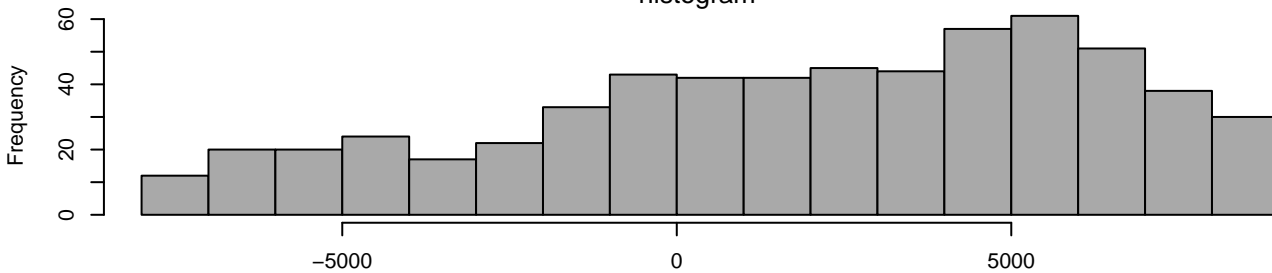
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



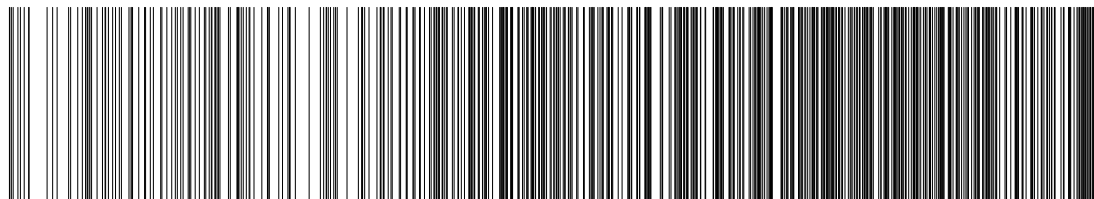
-5000

0

5000

ranked DE score in: x

rugplot



-5000

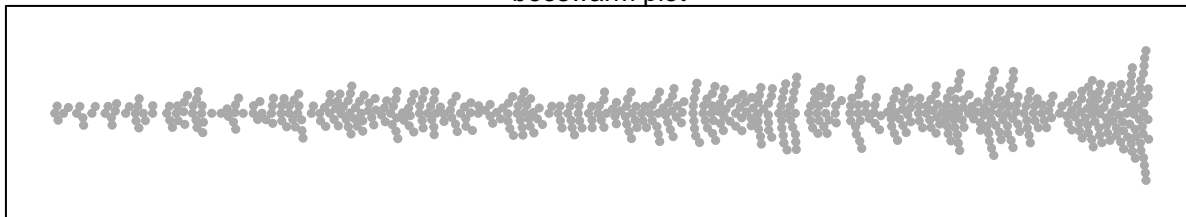
0

5000

ranked DE score in: x

STAT1_None_Macrophage_51075

beeswarm plot



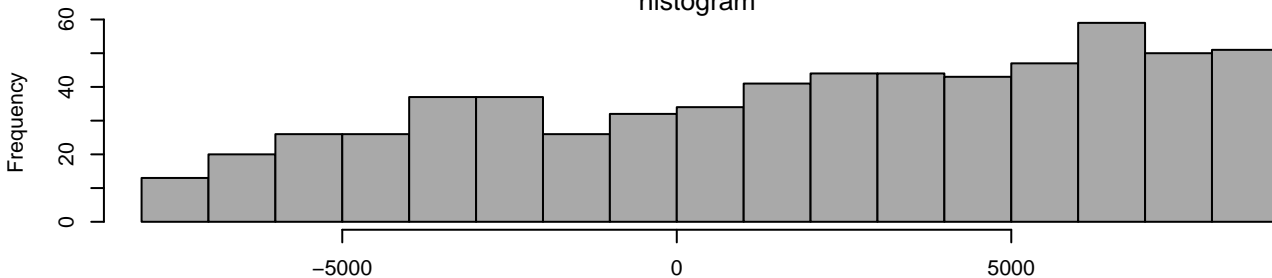
-5000

0

5000

ranked DE score in: x

histogram



60

40

20

0

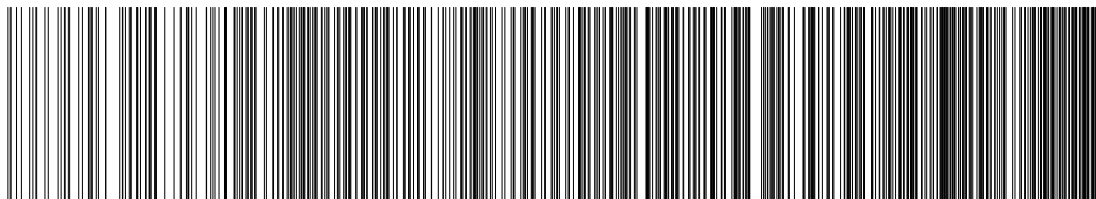
-5000

0

5000

ranked DE score in: x

rugplot



-5000

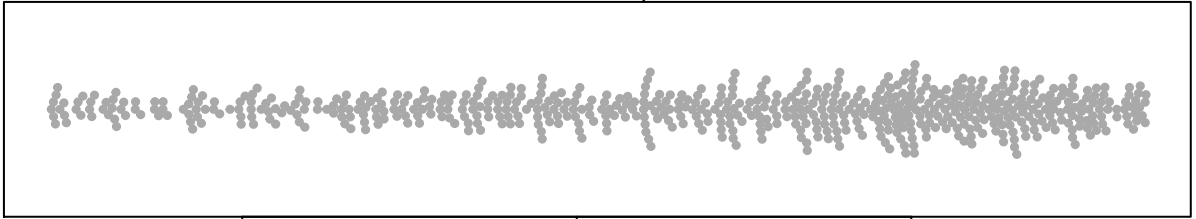
0

5000

ranked DE score in: x

NR1D1_None_Macrophage_39665

beeswarm plot



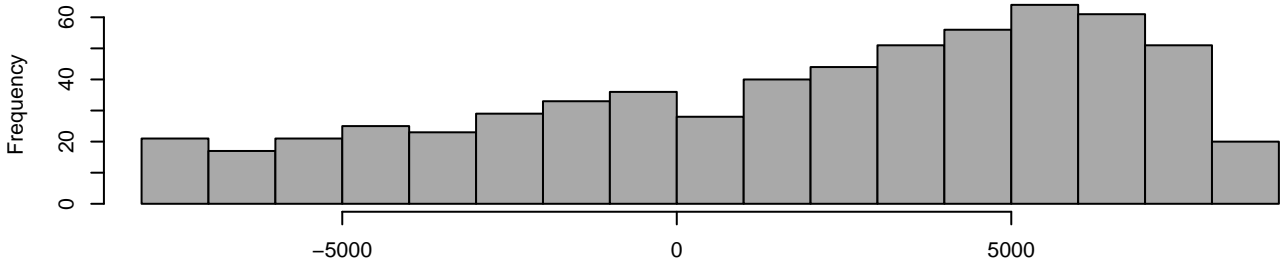
-5000

0

5000

ranked DE score in: x

histogram



60

40

20

0

Frequency

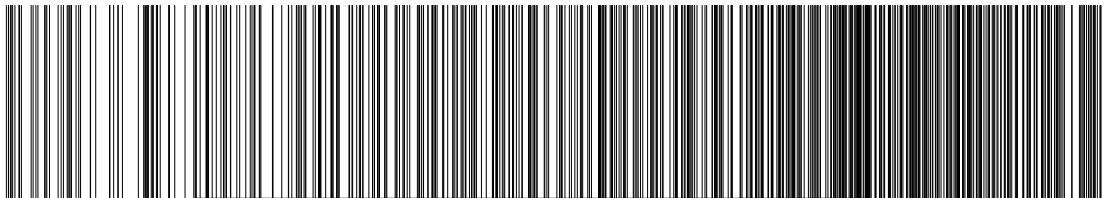
-5000

0

5000

ranked DE score in: x

rugplot



-5000

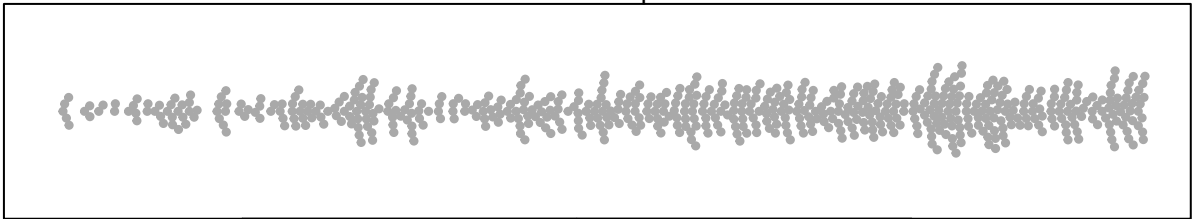
0

5000

ranked DE score in: x

FOS_None_CorticalNeuron_49581

beeswarm plot



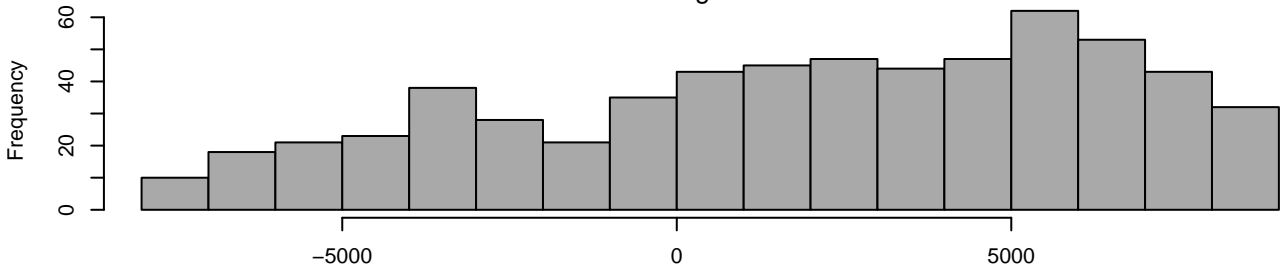
-5000

0

5000

ranked DE score in: x

histogram



60

40

20

0

Frequency

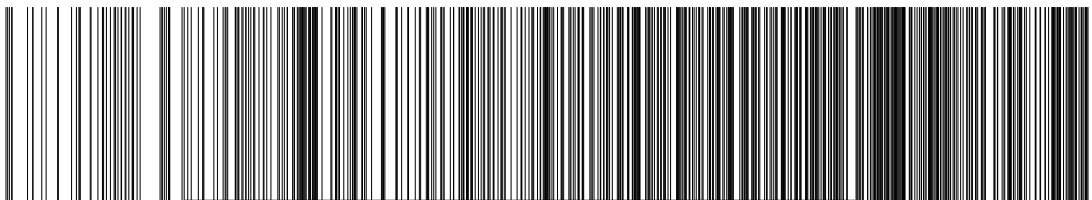
-5000

0

5000

ranked DE score in: x

rugplot



-5000

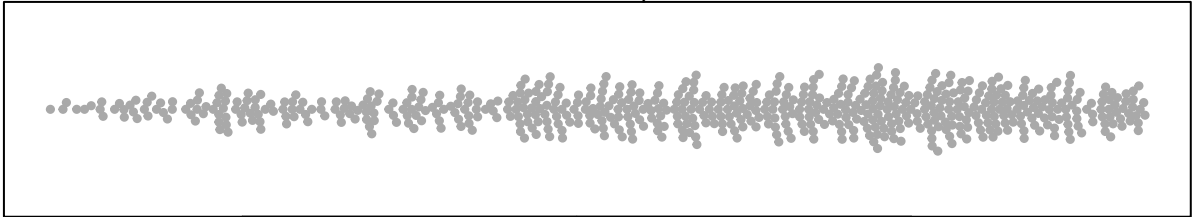
0

5000

ranked DE score in: x

MAPK8_None_Neuron_6036

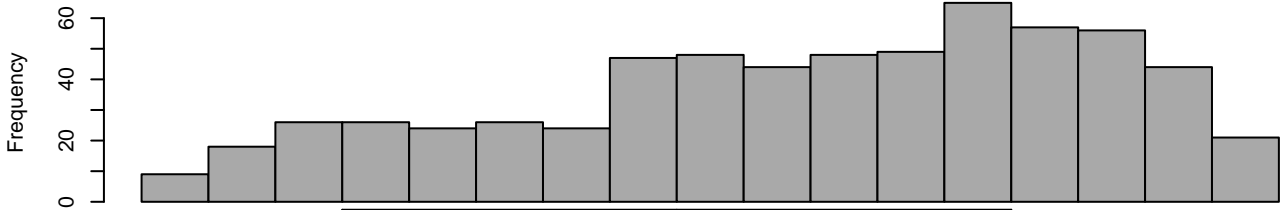
beeswarm plot



-5000 0 5000

ranked DE score in: x

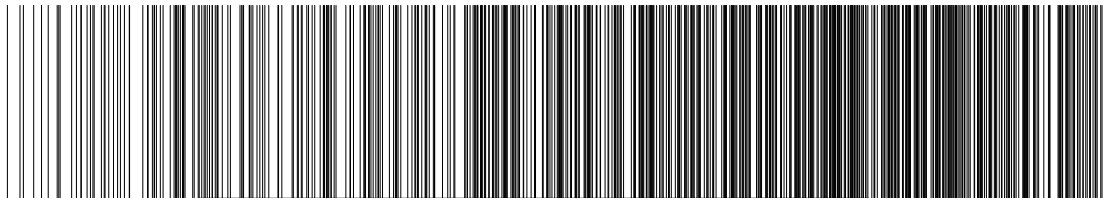
histogram



-5000 0 5000

ranked DE score in: x

rugplot

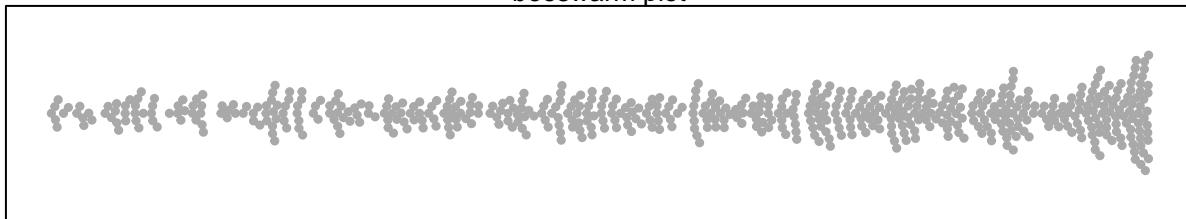


-5000 0 5000

ranked DE score in: x

STAT1_None_Macrophage_51921

beeswarm plot



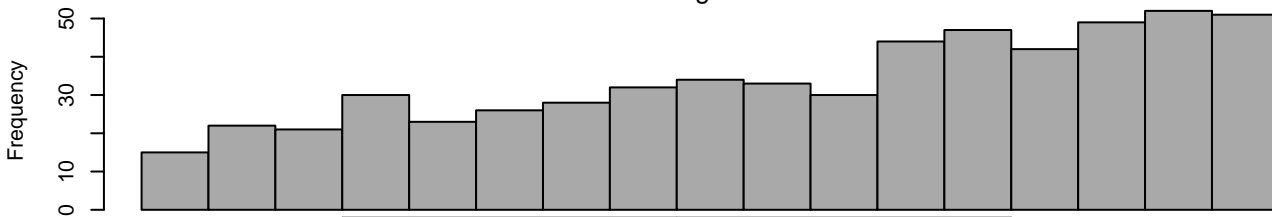
-5000

0

5000

ranked DE score in: x

histogram



50

30

10

0

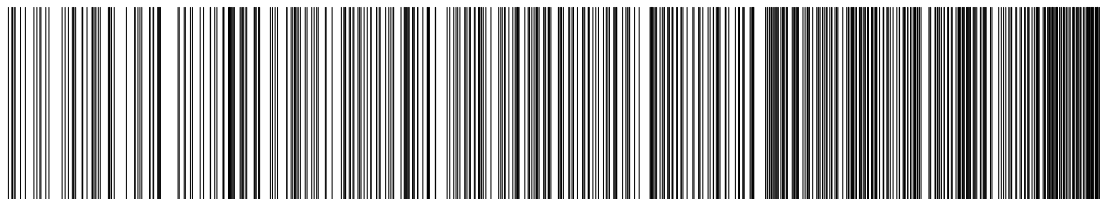
-5000

0

5000

ranked DE score in: x

rugplot



-5000

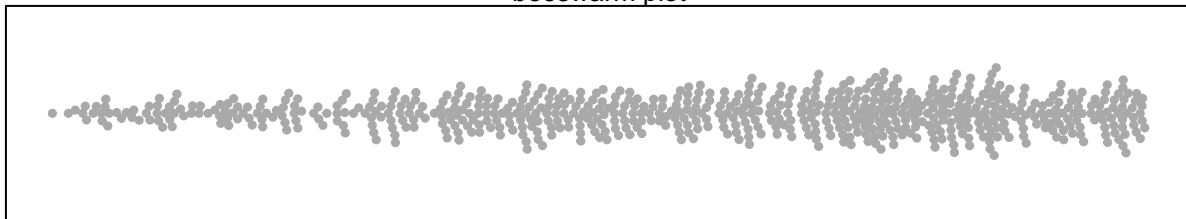
0

5000

ranked DE score in: x

NFYA_None_EmbryonicStemCell_6013

beeswarm plot



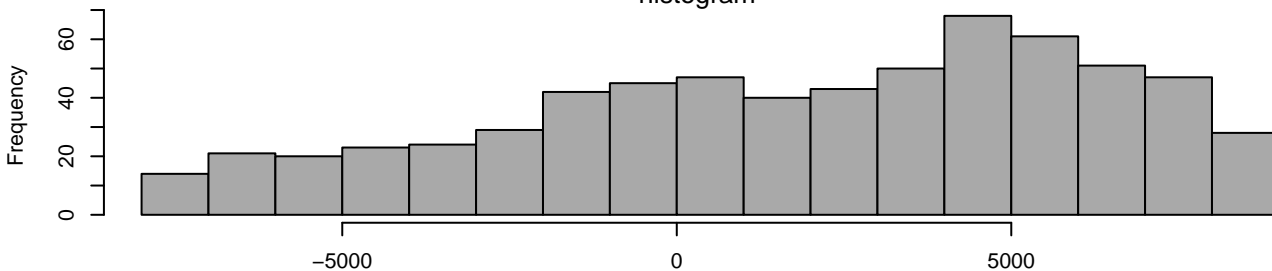
-5000

0

5000

ranked DE score in: x

histogram



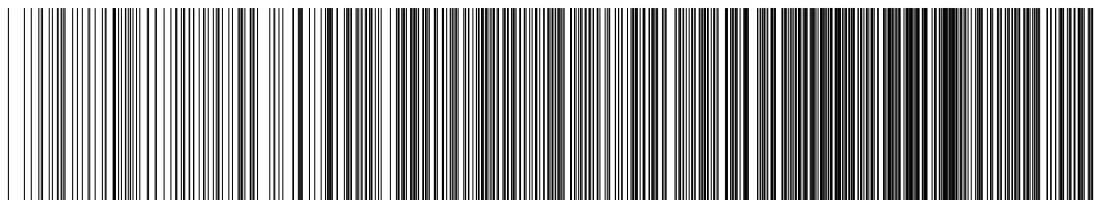
-5000

0

5000

ranked DE score in: x

rugplot



-5000

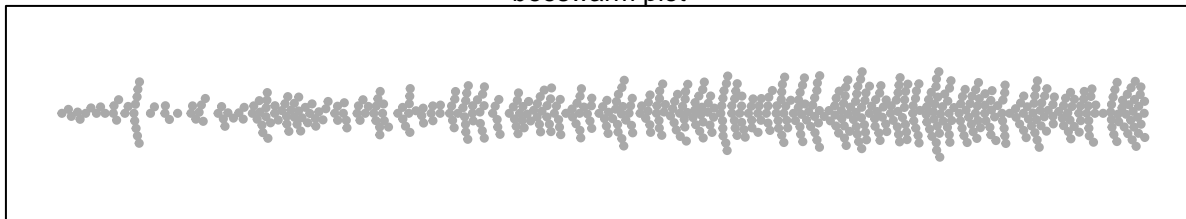
0

5000

ranked DE score in: x

WDR5_C2C12_Myoblast_44372

beeswarm plot



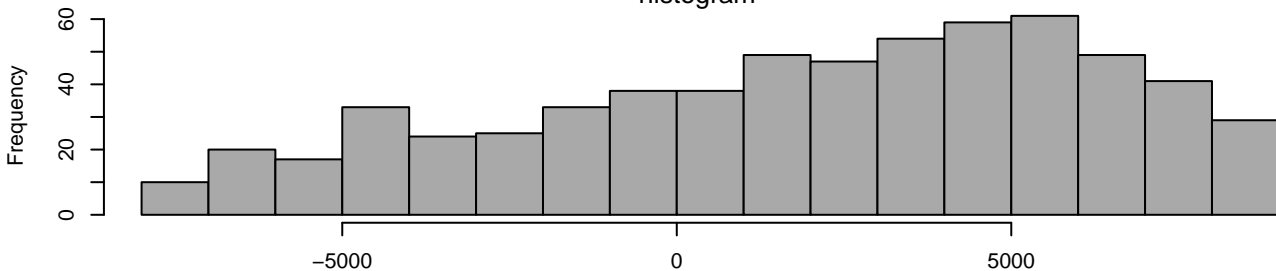
-5000

0

5000

ranked DE score in: x

histogram



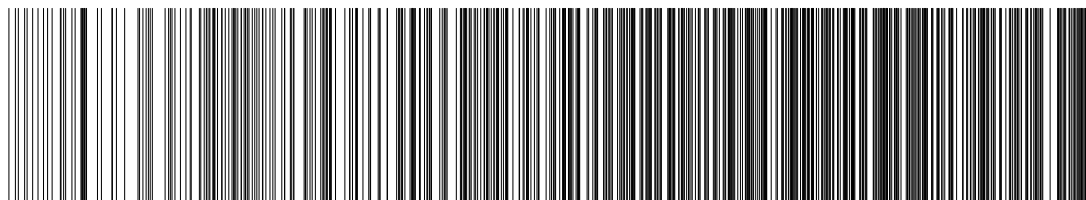
-5000

0

5000

ranked DE score in: x

rugplot



-5000

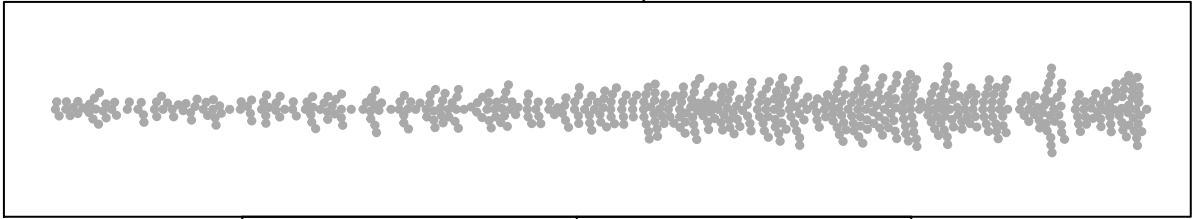
0

5000

ranked DE score in: x

POLR2A_None_Macrophage_85386

beeswarm plot



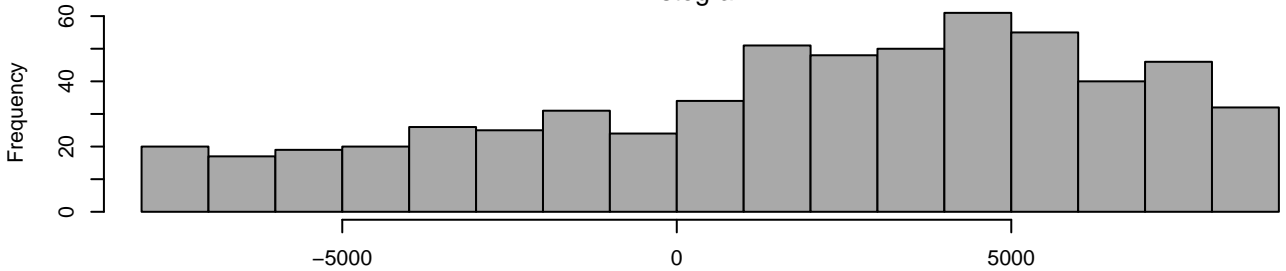
-5000

0

5000

ranked DE score in: x

histogram



60

40

20

0

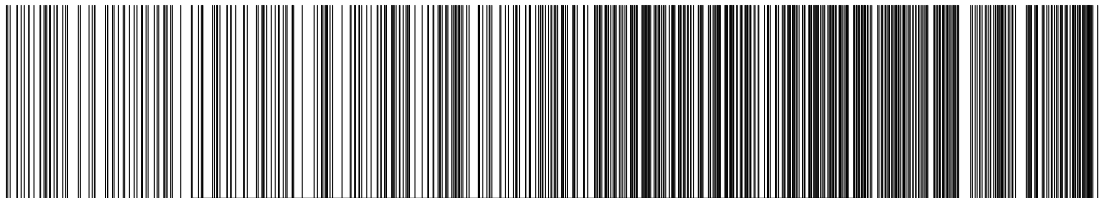
-5000

0

5000

ranked DE score in: x

rugplot



-5000

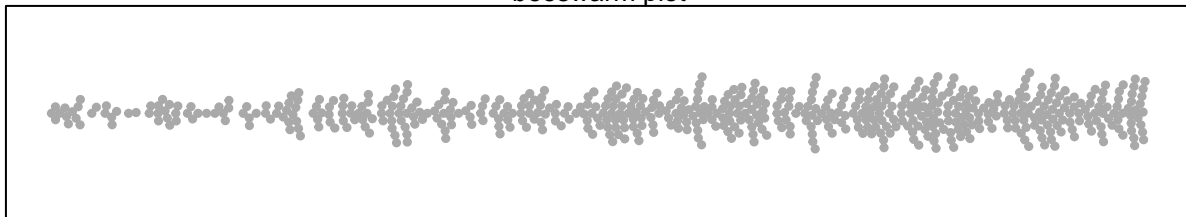
0

5000

ranked DE score in: x

KMT2B_None_EmbryonicStemCell_88474

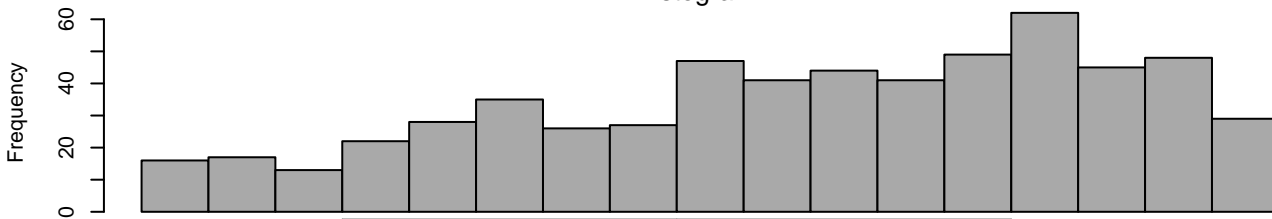
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



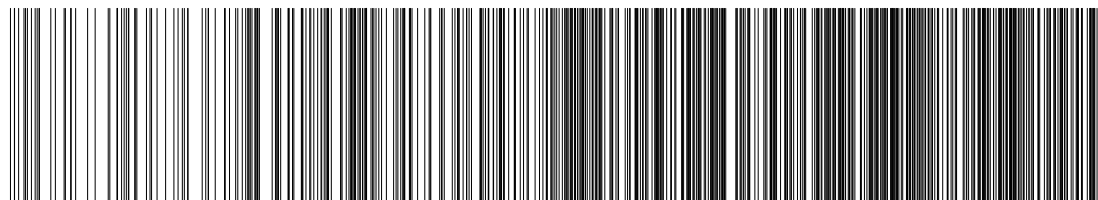
-5000

0

5000

ranked DE score in: x

rugplot



-5000

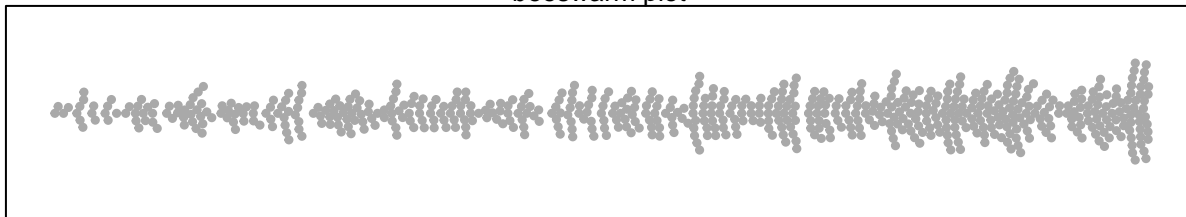
0

5000

ranked DE score in: x

STAT1_None_Macrophage_51072

beeswarm plot



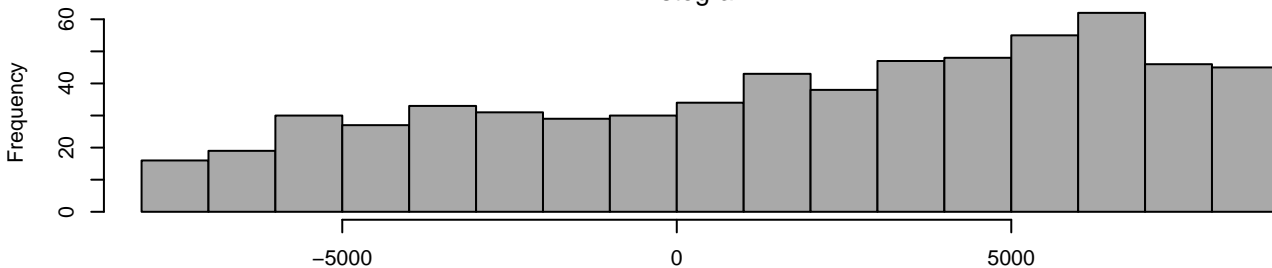
-5000

0

5000

ranked DE score in: x

histogram



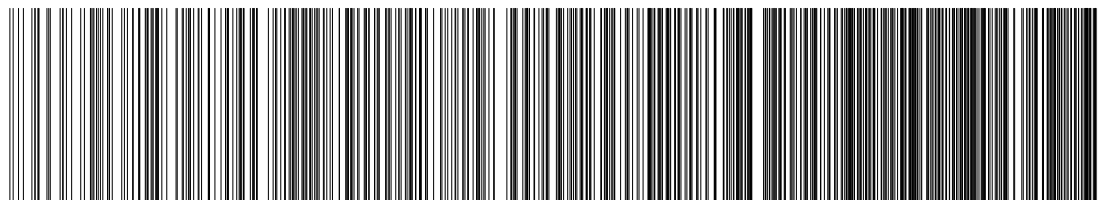
-5000

0

5000

ranked DE score in: x

rugplot



-5000

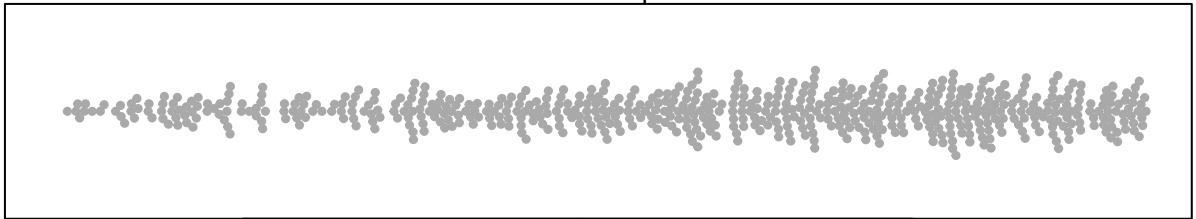
0

5000

ranked DE score in: x

MAPK8_None_NeuralProgenitorCell_6022

beeswarm plot



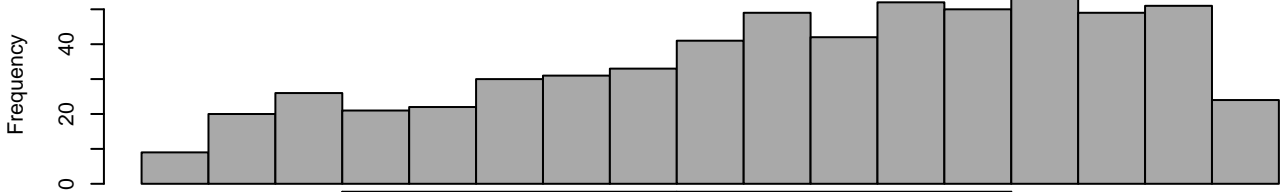
-5000

0

5000

ranked DE score in: x

histogram



Frequency

40

20

0

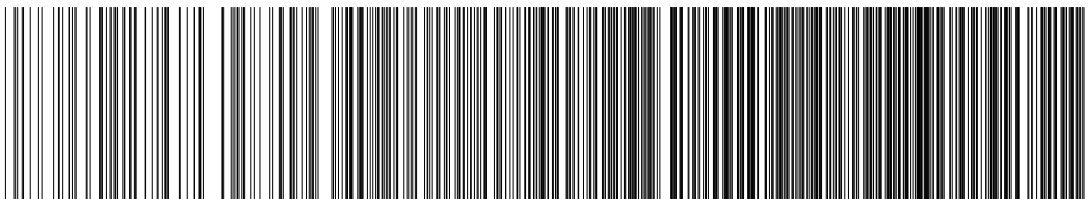
-5000

0

5000

ranked DE score in: x

rugplot



-5000

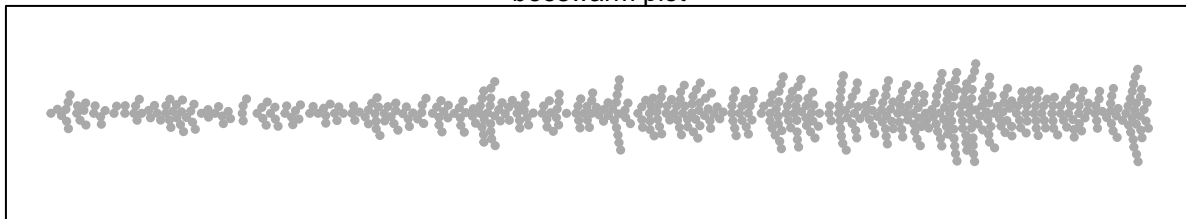
0

5000

ranked DE score in: x

RXRG_None_MesenchymalStemCell_77476

beeswarm plot



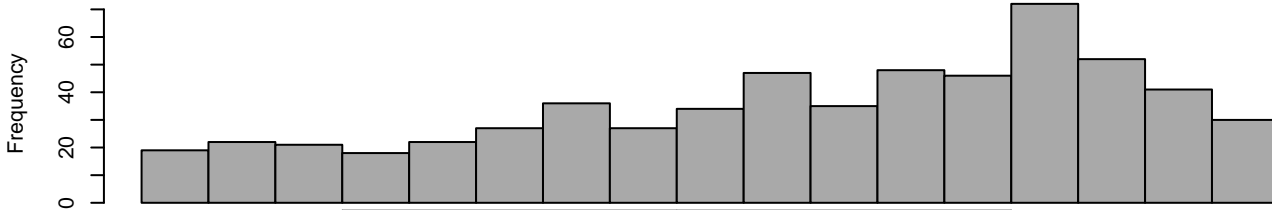
-5000

0

5000

ranked DE score in: x

histogram



60

40

20

0

Frequency

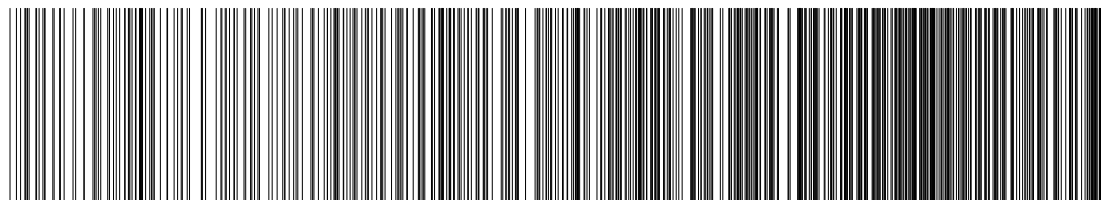
-5000

0

5000

ranked DE score in: x

rugplot



-5000

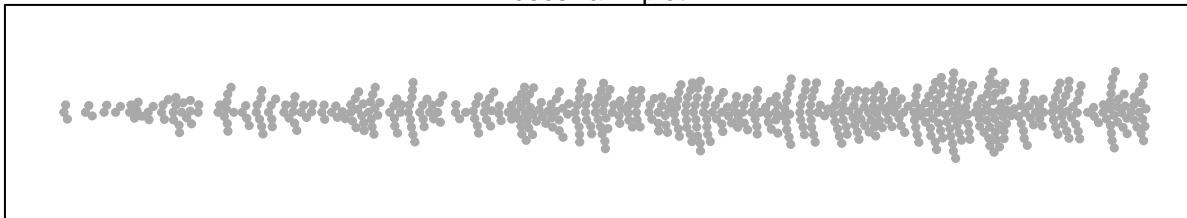
0

5000

ranked DE score in: x

FOS_None_CorticalNeuron_49569

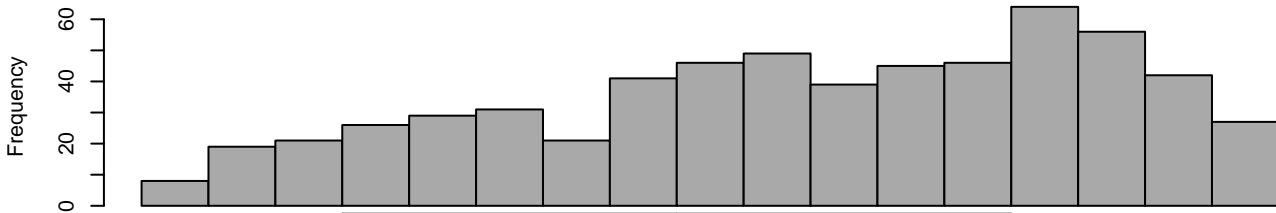
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



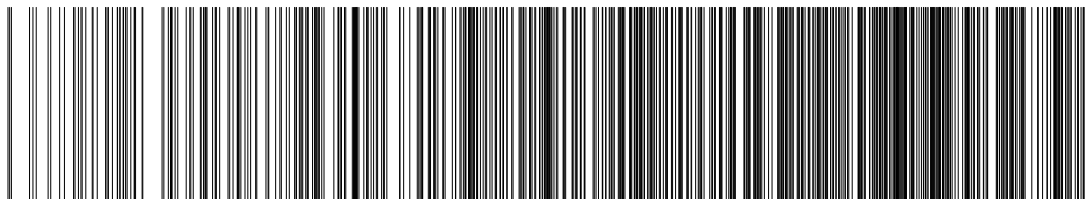
-5000

0

5000

ranked DE score in: x

rugplot



-5000

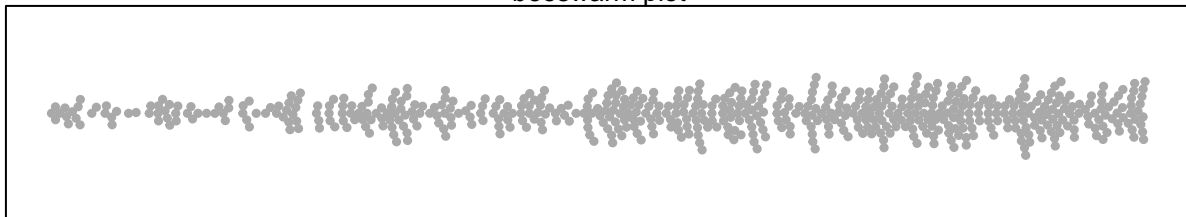
0

5000

ranked DE score in: x

KMT2B_None_EmbryonicStemCell_88245

beeswarm plot



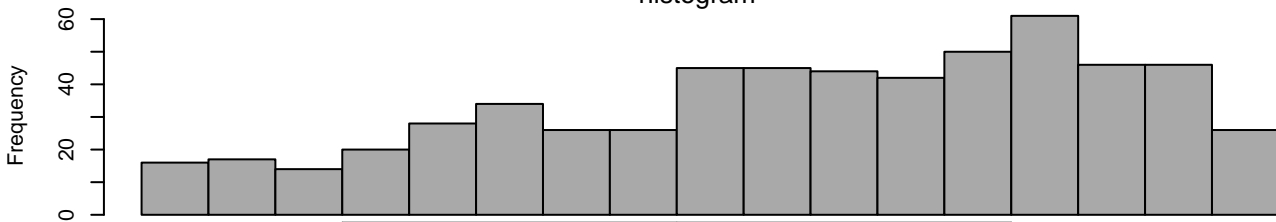
-5000

0

5000

ranked DE score in: x

histogram



Frequency

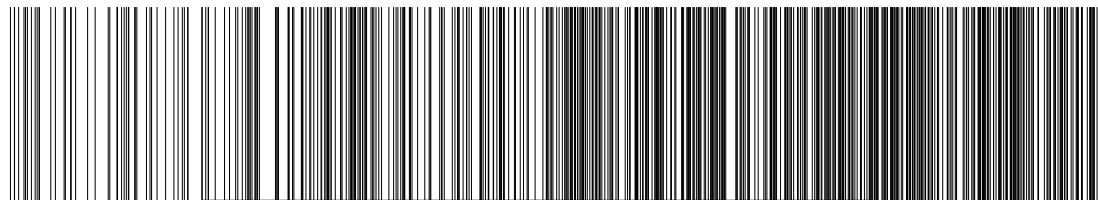
-5000

0

5000

ranked DE score in: x

rugplot



-5000

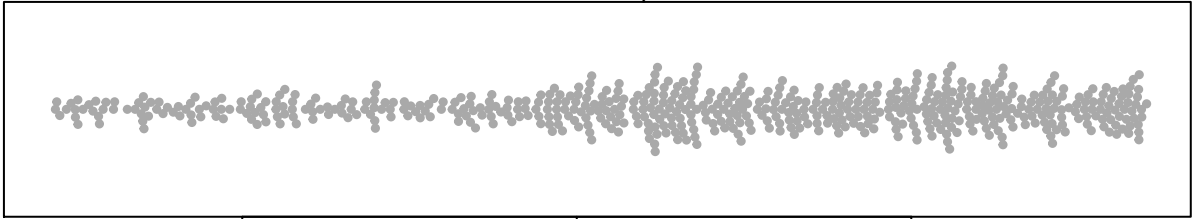
0

5000

ranked DE score in: x

POLR2A_None_Macrophage_81859

beeswarm plot



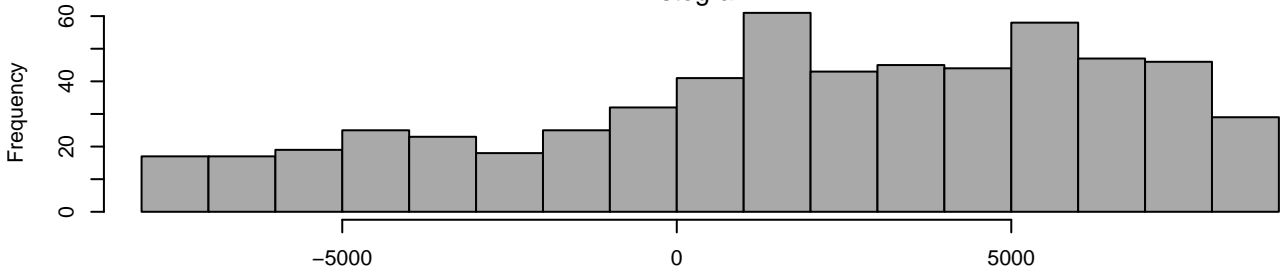
-5000

0

5000

ranked DE score in: x

histogram



Frequency

60

40

20

0

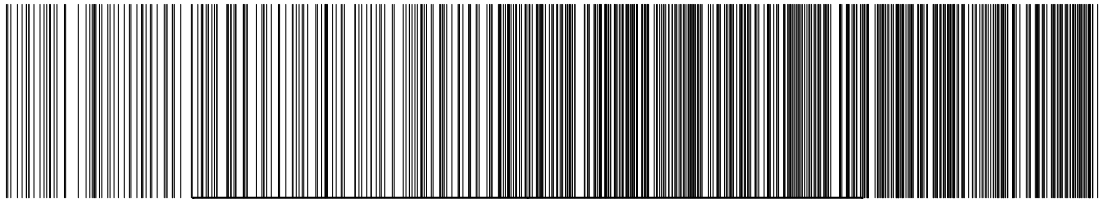
-5000

0

5000

ranked DE score in: x

rugplot



-5000

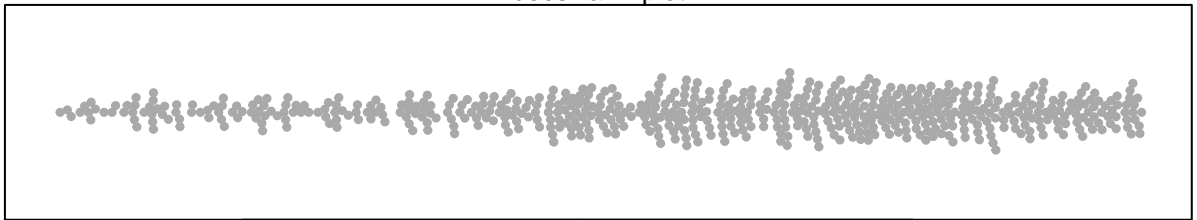
0

5000

ranked DE score in: x

POLR2A_KH2_EmbryonicStemCell_70885

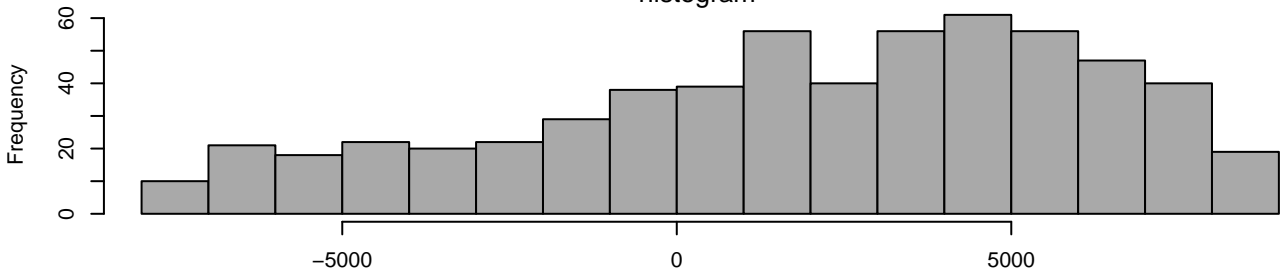
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



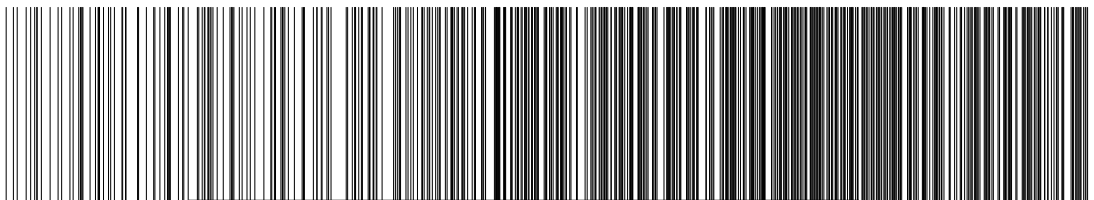
-5000

0

5000

ranked DE score in: x

rugplot



-5000

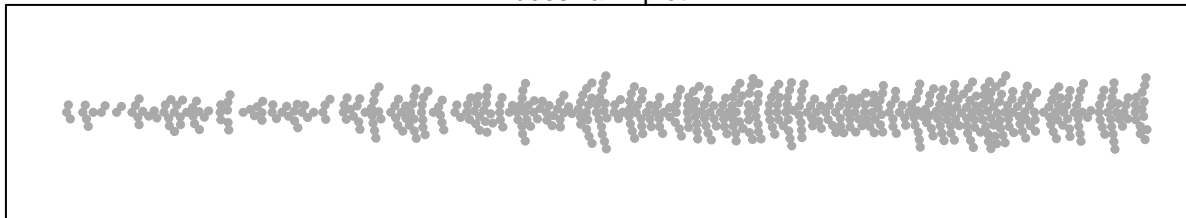
0

5000

ranked DE score in: x

SALL4_None_Spermatogonia_68666

beeswarm plot



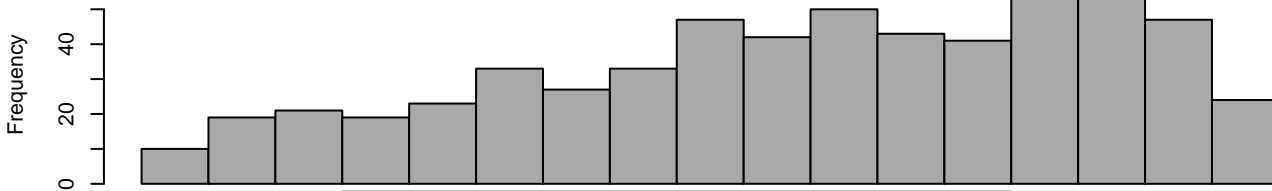
-5000

0

5000

ranked DE score in: x

histogram



Frequency

40

20

0

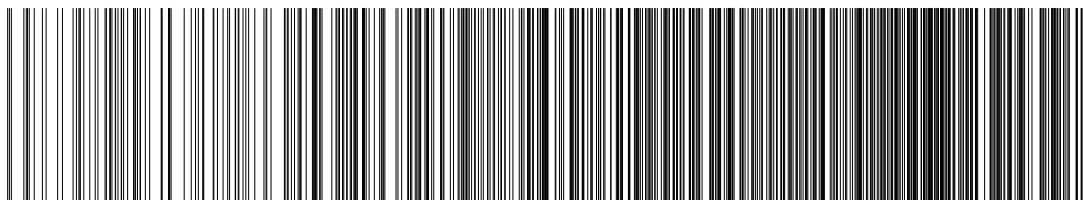
-5000

0

5000

ranked DE score in: x

rugplot



-5000

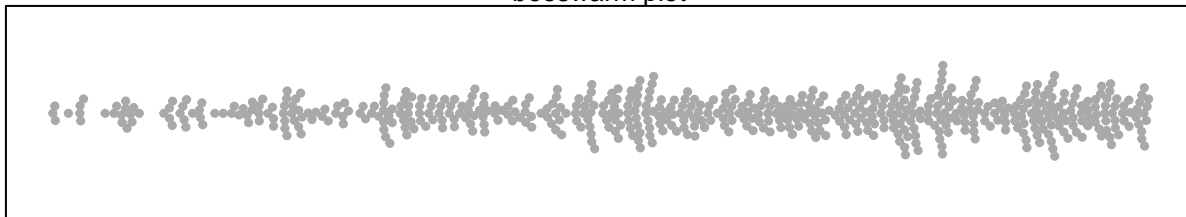
0

5000

ranked DE score in: x

RXRA_None_Macrophage_84142

beeswarm plot



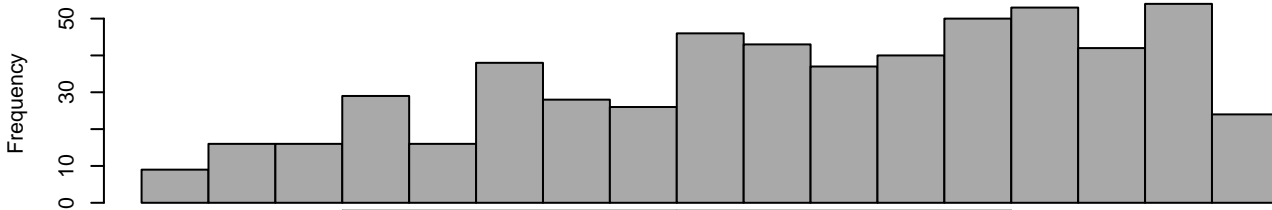
-5000

0

5000

ranked DE score in: x

histogram



50

30

10

0

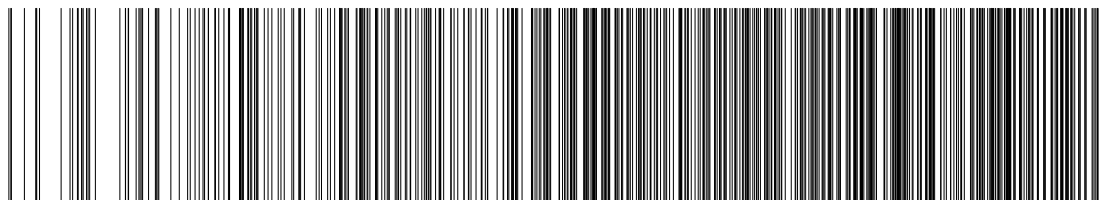
-5000

0

5000

ranked DE score in: x

rugplot



-5000

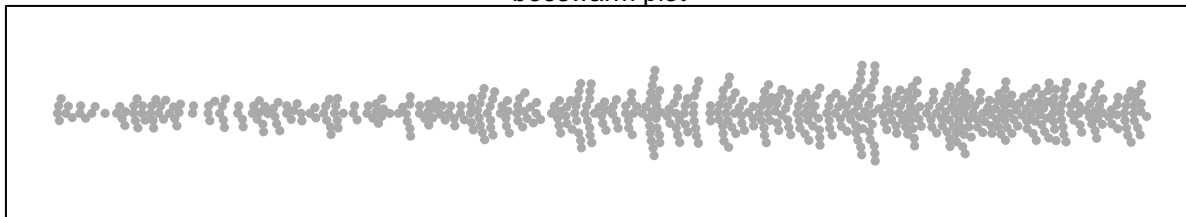
0

5000

ranked DE score in: x

CTR9_V6.5_EmbryonicStemCell_2820

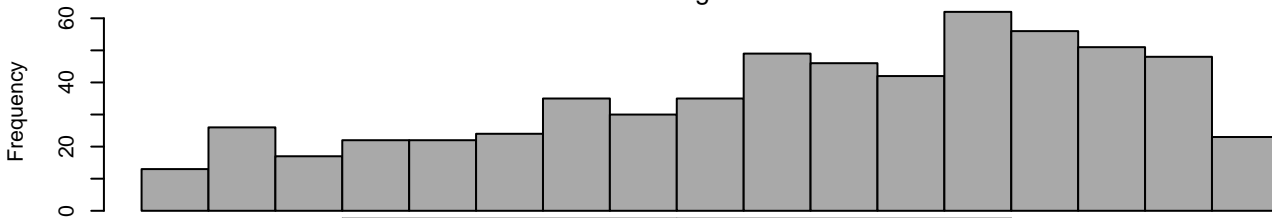
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



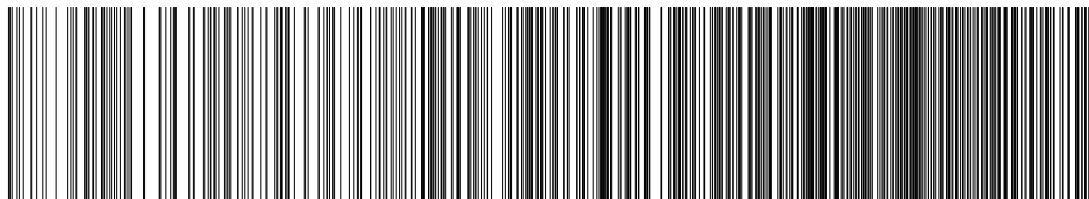
-5000

0

5000

ranked DE score in: x

rugplot



-5000

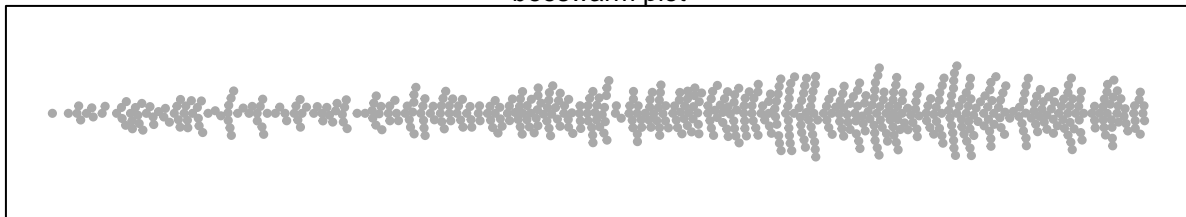
0

5000

ranked DE score in: x

MEN1_C2C12_Myoblast_44366

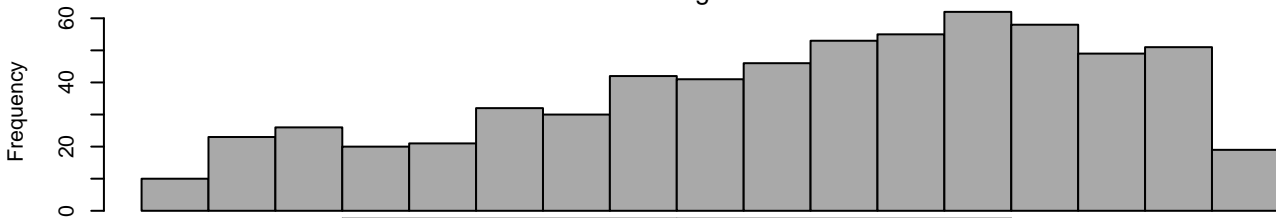
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



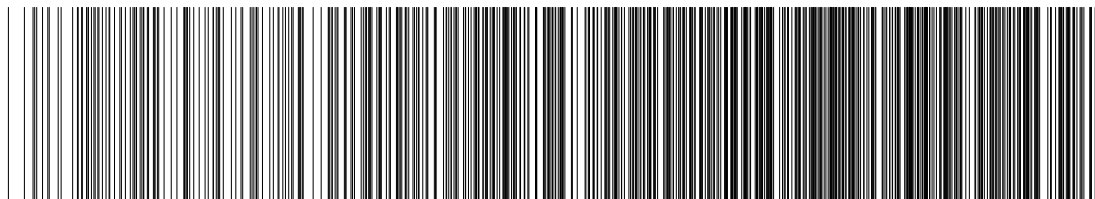
-5000

0

5000

ranked DE score in: x

rugplot



-5000

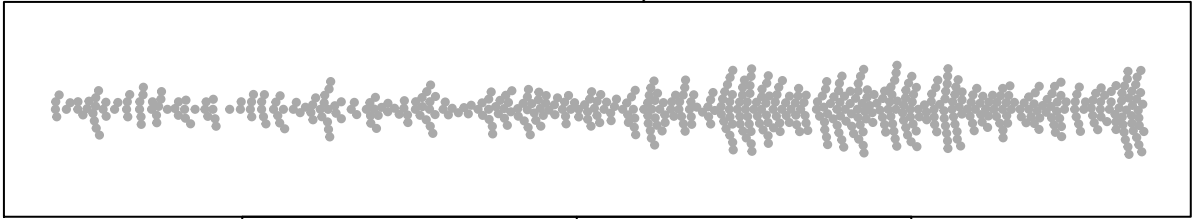
0

5000

ranked DE score in: x

POLR2A_None_Macrophage_69750

beeswarm plot



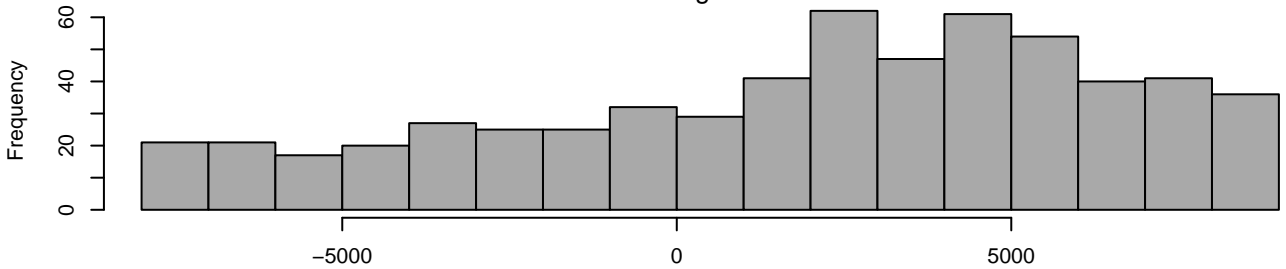
-5000

0

5000

ranked DE score in: x

histogram



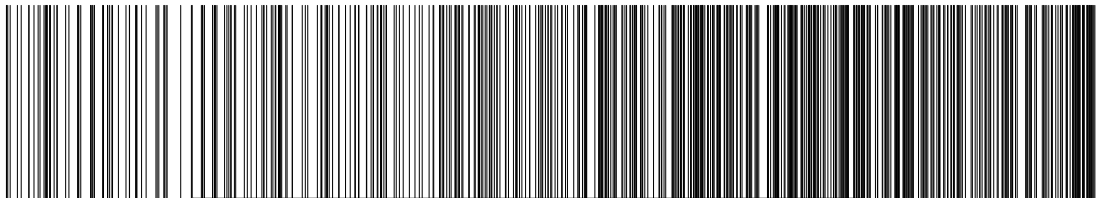
-5000

0

5000

ranked DE score in: x

rugplot



-5000

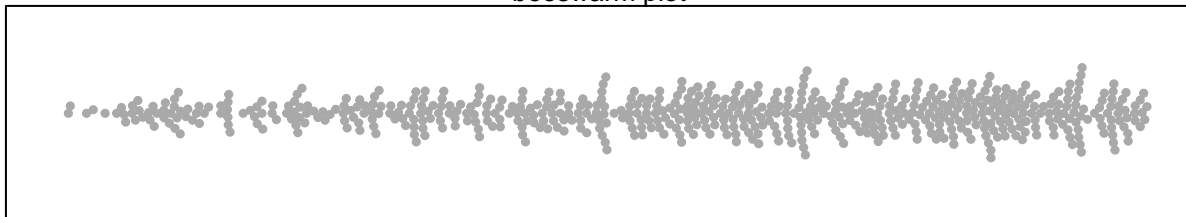
0

5000

ranked DE score in: x

SALL4_None_Spermatogonia_68665

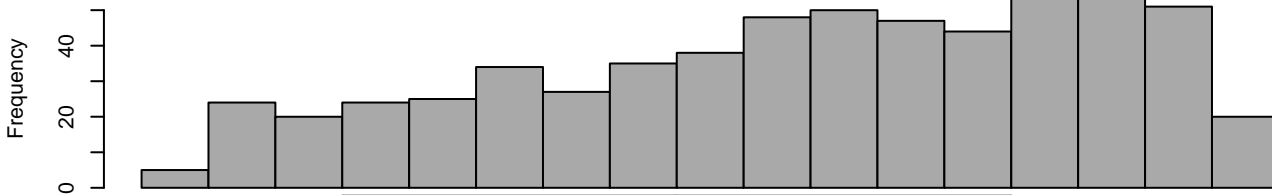
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



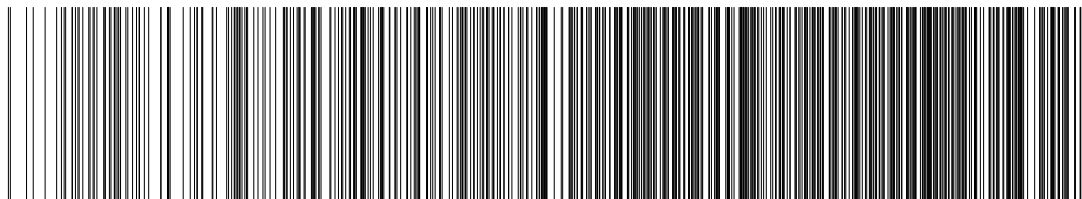
-5000

0

5000

ranked DE score in: x

rugplot



-5000

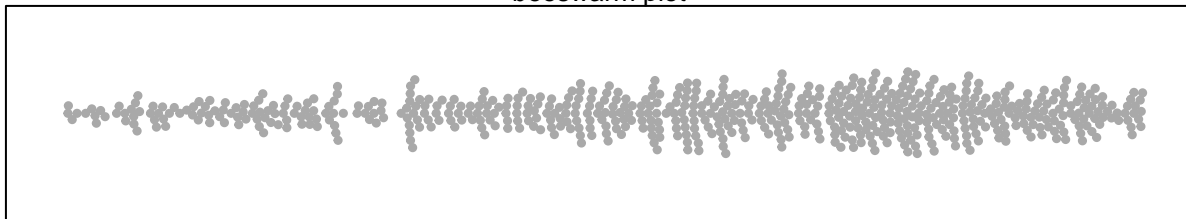
0

5000

ranked DE score in: x

POLR2A_None_EmbryonicStemCell_76193

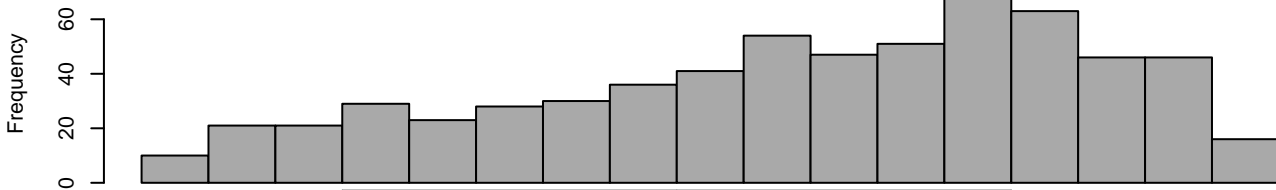
beeswarm plot



-5000 0 5000

ranked DE score in: x

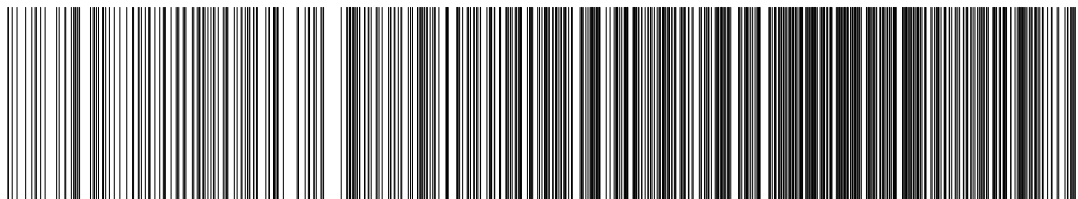
histogram



-5000 0 5000

ranked DE score in: x

rugplot

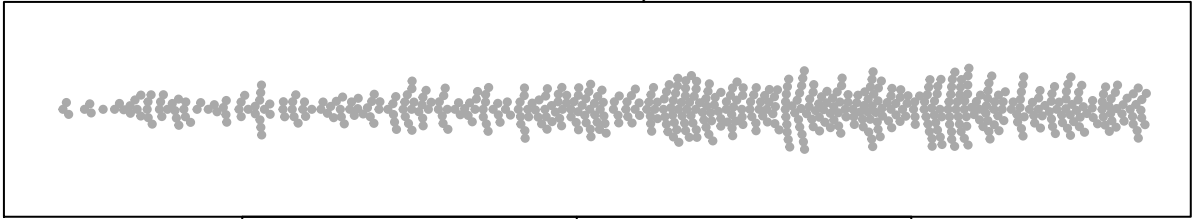


-5000 0 5000

ranked DE score in: x

MAPK8_None_EmbryonicStemCell_6010

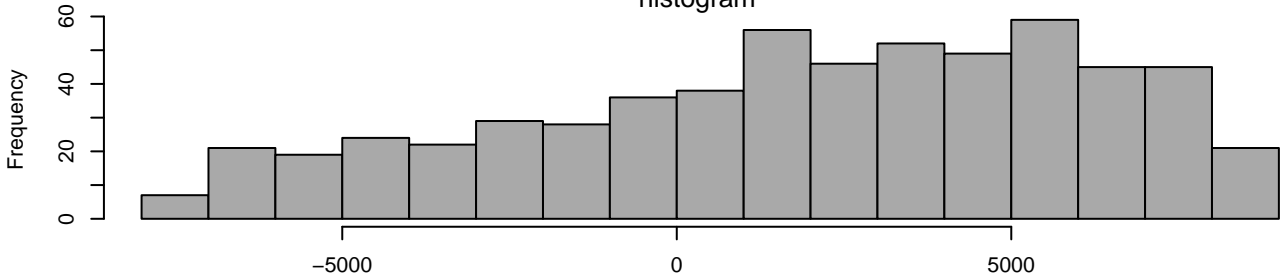
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



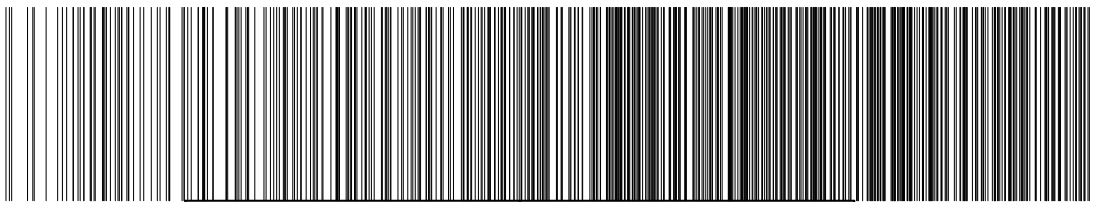
-5000

0

5000

ranked DE score in: x

rugplot



-5000

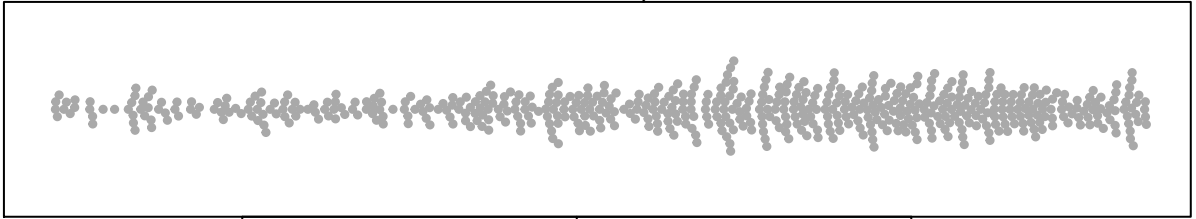
0

5000

ranked DE score in: x

POLR2A_OS25_EmbryonicStemCell_5599

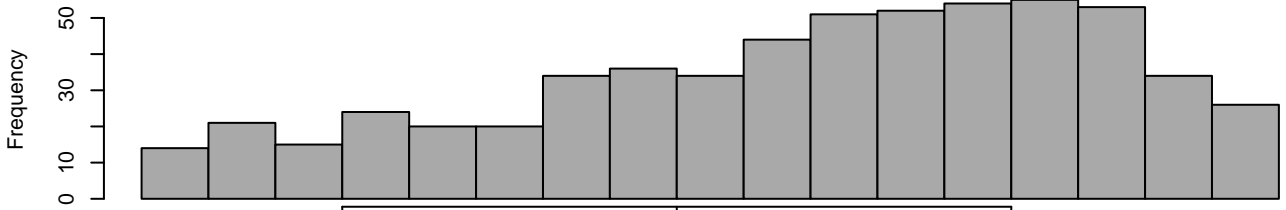
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



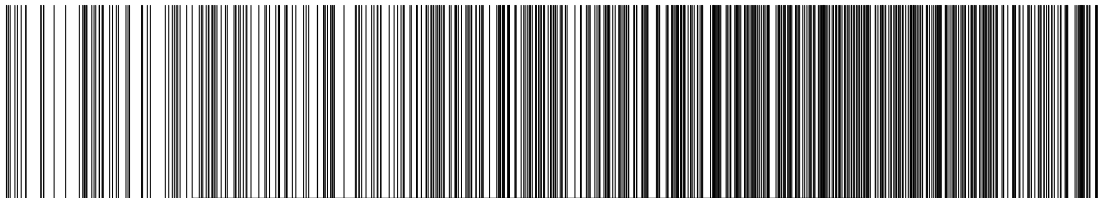
-5000

0

5000

ranked DE score in: x

rugplot



-5000

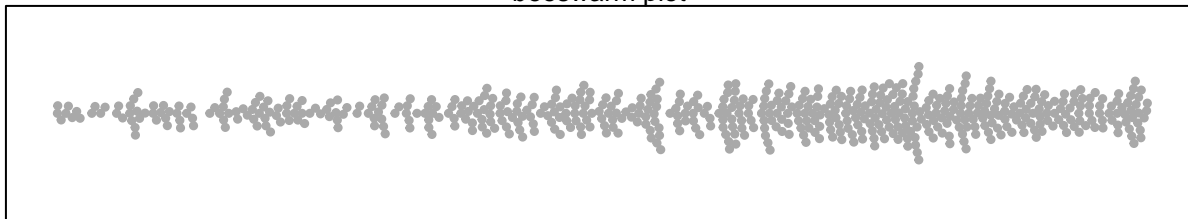
0

5000

ranked DE score in: x

POLR2A_None_EmbryonicStemCell_47345

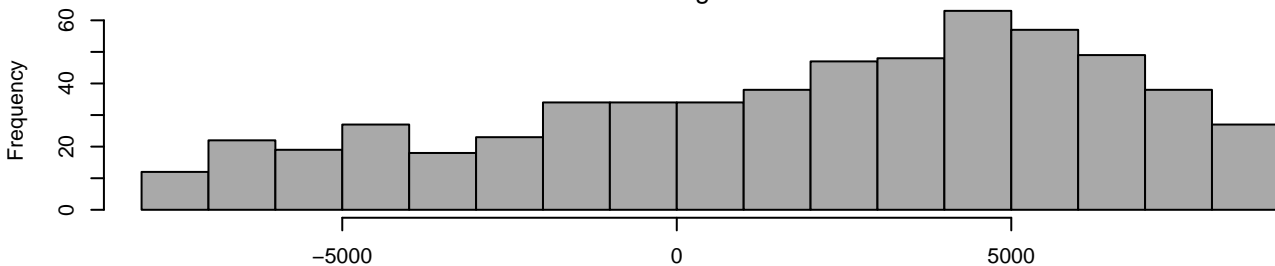
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



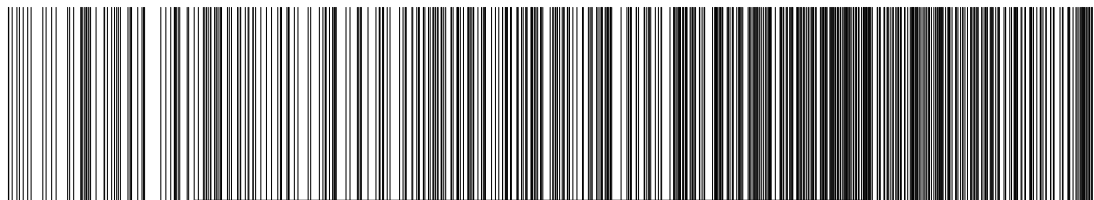
-5000

0

5000

ranked DE score in: x

rugplot



-5000

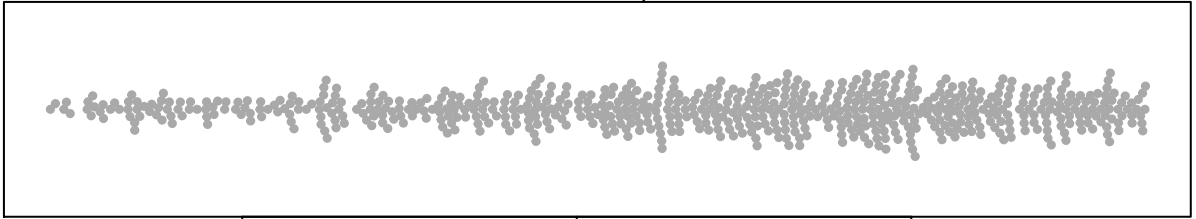
0

5000

ranked DE score in: x

SMARCA4_None_Th2_4545

beeswarm plot



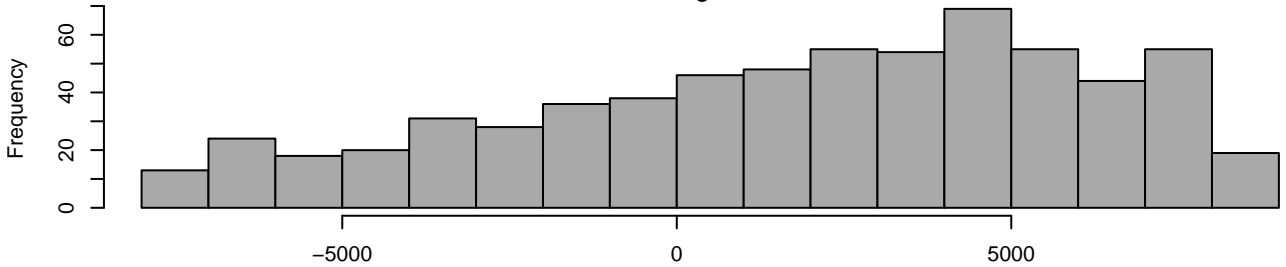
-5000

0

5000

ranked DE score in: x

histogram



Frequency

60

40

20

0

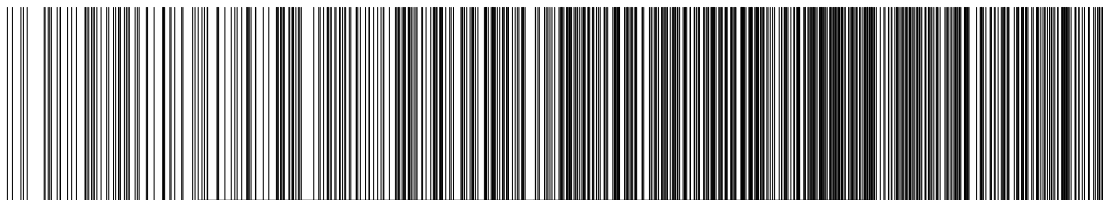
-5000

0

5000

ranked DE score in: x

rugplot



-5000

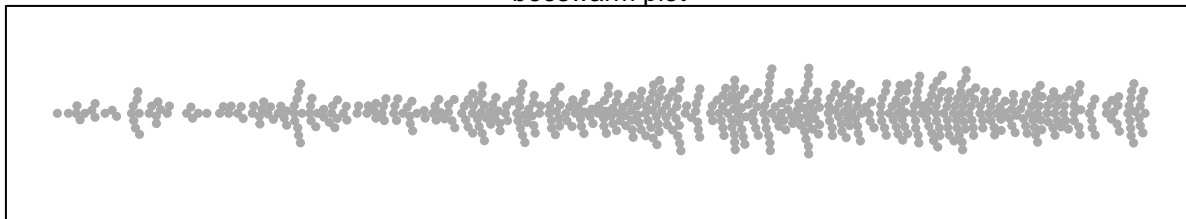
0

5000

ranked DE score in: x

POLR2A_None_None_41730

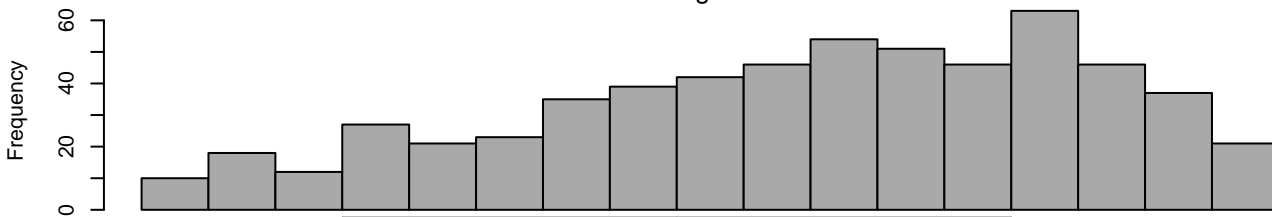
beeswarm plot



-5000 0 5000

ranked DE score in: x

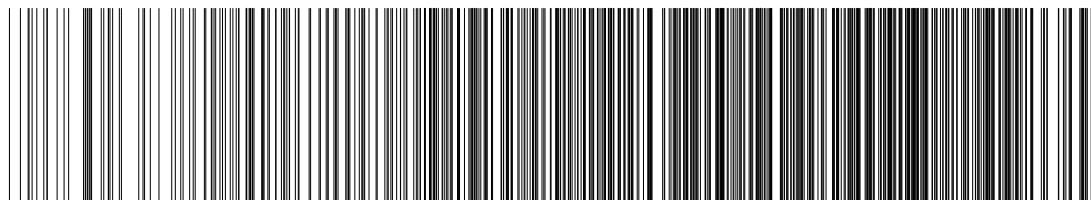
histogram



-5000 0 5000

ranked DE score in: x

rugplot

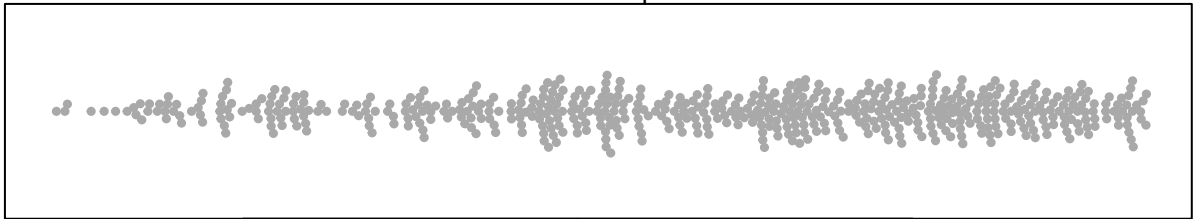


-5000 0 5000

ranked DE score in: x

DAXX_None_EmbryonicStemCell_53211

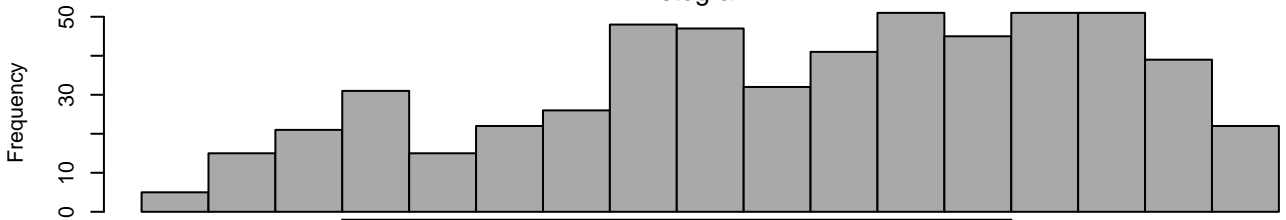
beeswarm plot



-5000 0 5000

ranked DE score in: x

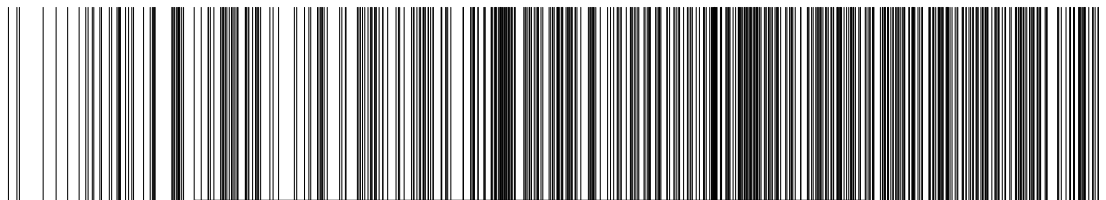
histogram



-5000 0 5000

ranked DE score in: x

rugplot

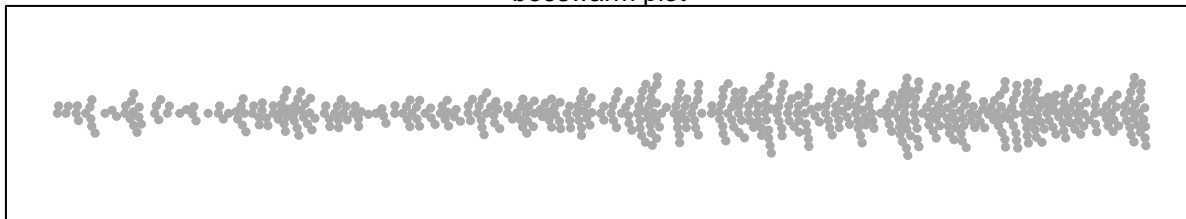


-5000 0 5000

ranked DE score in: x

POLR2A_Swiss-3T3_Fibroblast_48403

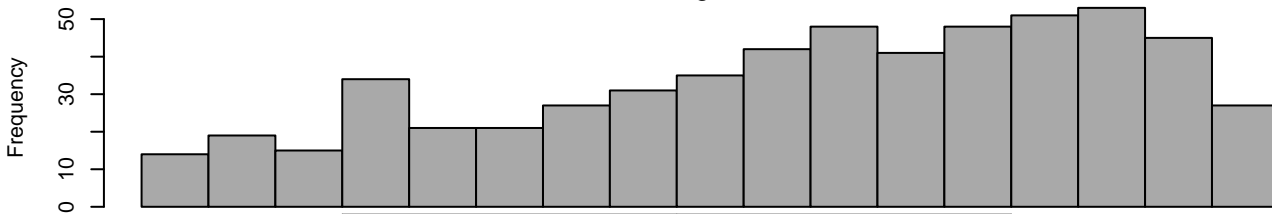
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



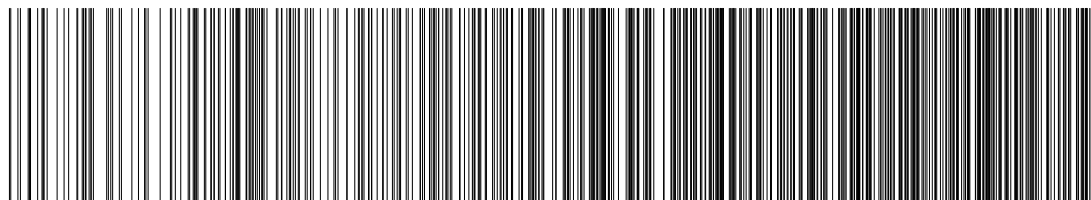
-5000

0

5000

ranked DE score in: x

rugplot



-5000

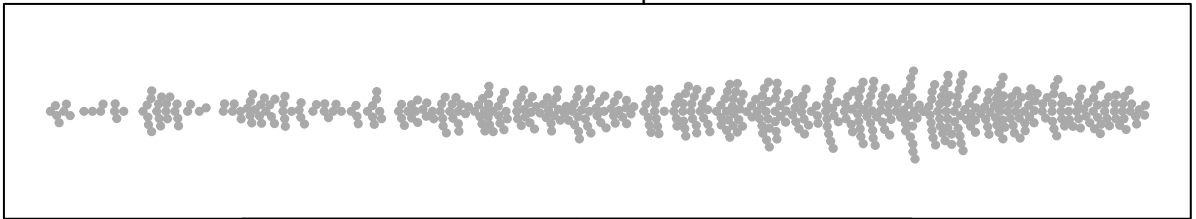
0

5000

ranked DE score in: x

DROSHA_None_EmbryonicStemCell_76324

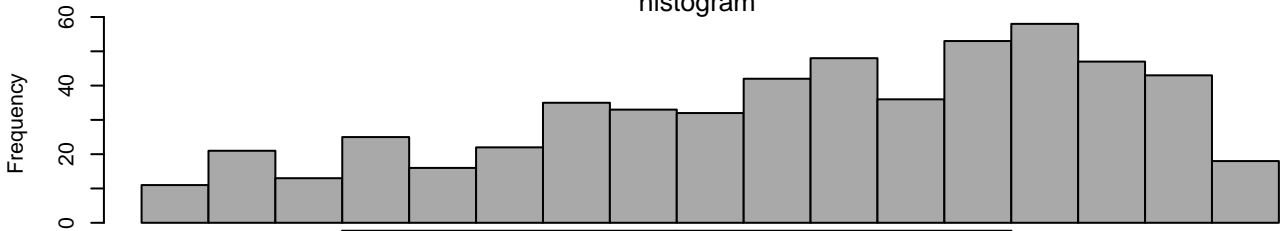
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



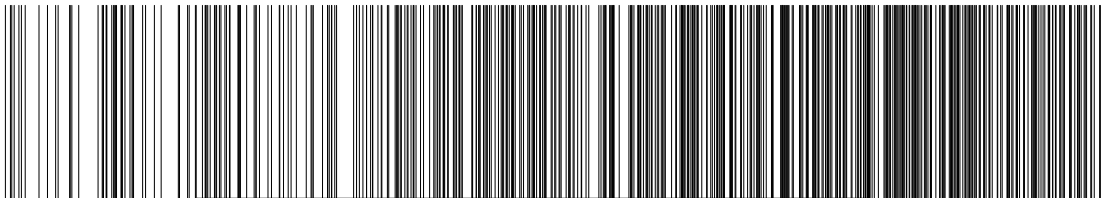
-5000

0

5000

ranked DE score in: x

rugplot



-5000

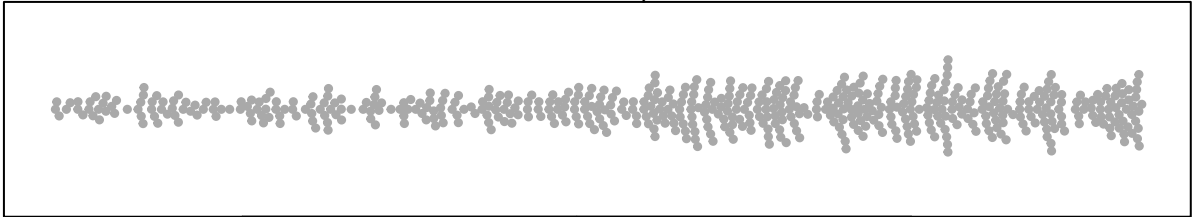
0

5000

ranked DE score in: x

POLR2A_None_Macrophage_85387

beeswarm plot



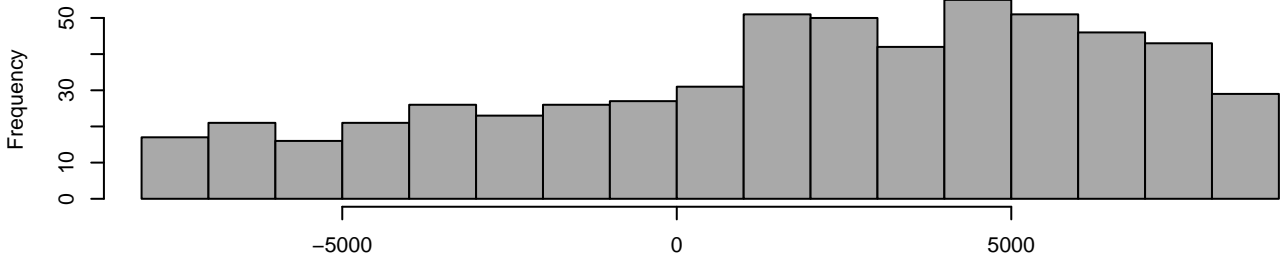
-5000

0

5000

ranked DE score in: x

histogram



50

30

10

0

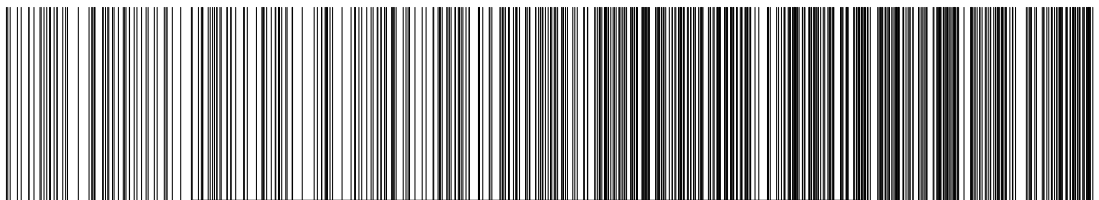
-5000

0

5000

ranked DE score in: x

rugplot



-5000

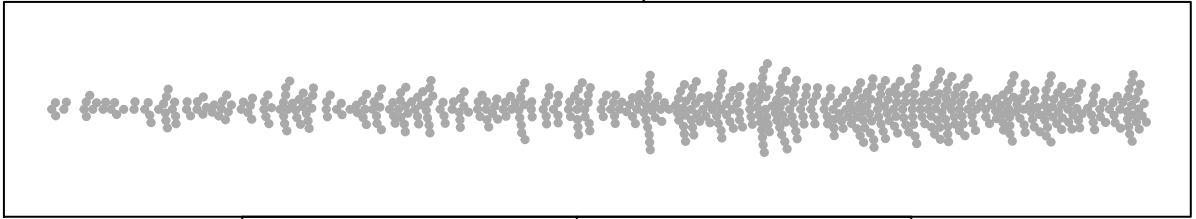
0

5000

ranked DE score in: x

POLR2A_S194_BLymphocyte_59371

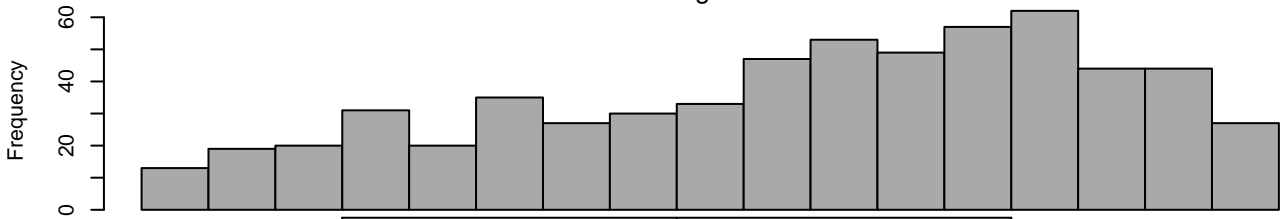
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram



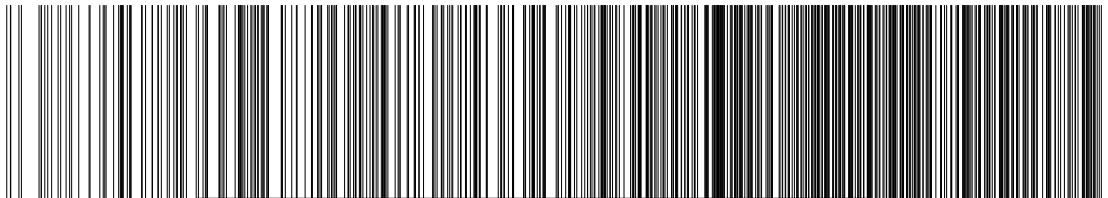
-5000

0

5000

ranked DE score in: x

rugplot



-5000

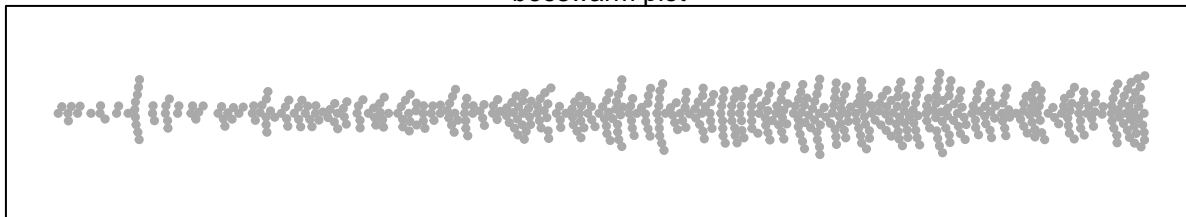
0

5000

ranked DE score in: x

ING1_C2C12_Myoblast_44364

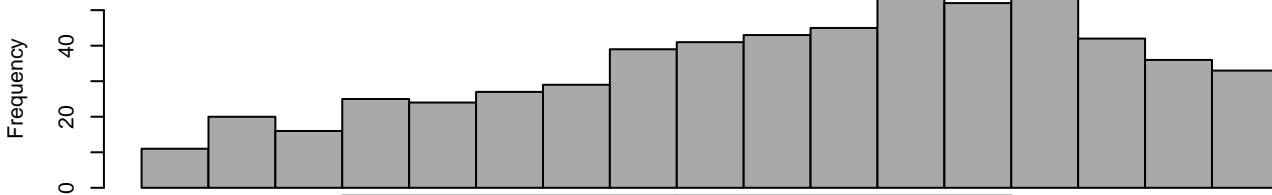
beeswarm plot



-5000 0 5000

ranked DE score in: x

histogram

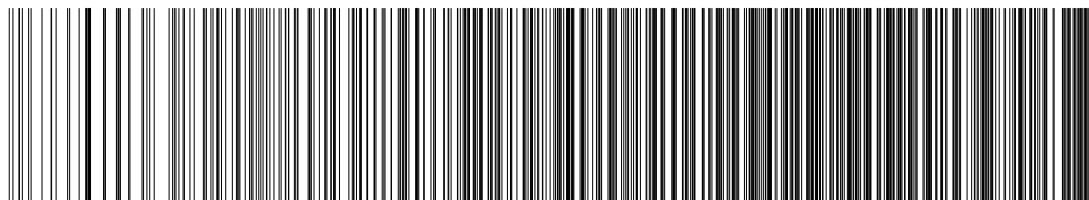


Frequency
40
20
0

-5000 0 5000

ranked DE score in: x

rugplot

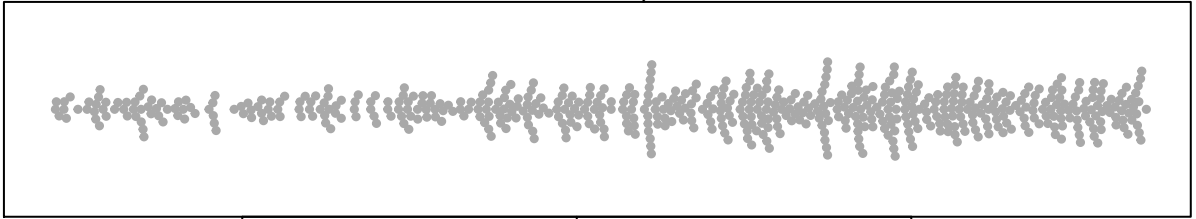


-5000 0 5000

ranked DE score in: x

ZFP281_V6.5_EmbryonicStemCell_73007

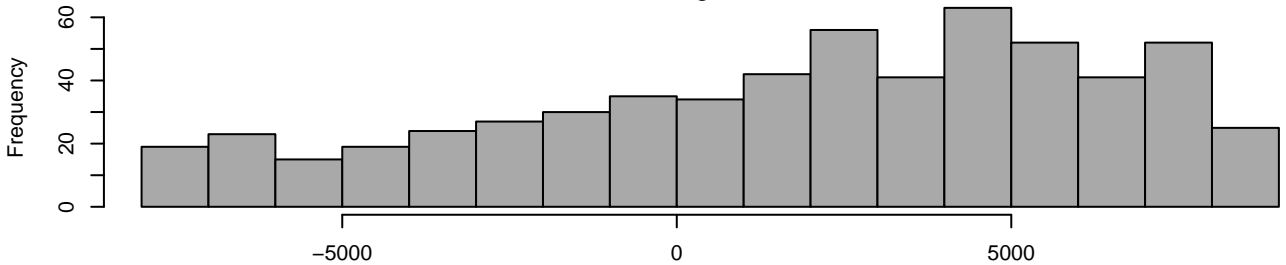
beeswarm plot



-5000 0 5000

ranked DE score in: x

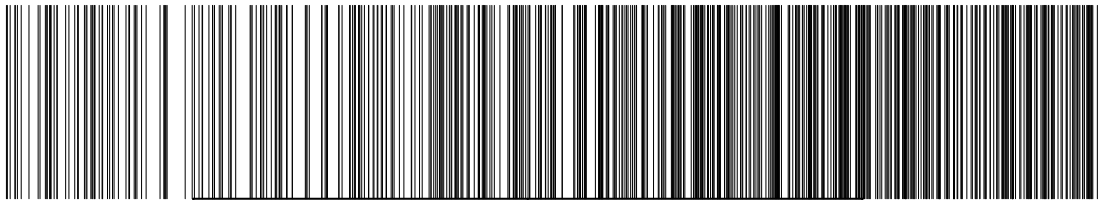
histogram



-5000 0 5000

ranked DE score in: x

rugplot



-5000 0 5000

ranked DE score in: x