

Figure 1: A plot showing the number of genes in the "clus5" gene set as a function of the gene list index. The x-axis is "Gene List Index" (0 to 17824) and the y-axis is "Number of genes" (0 to 17824). A blue line represents the "clus5" gene set, which starts at 17824, decreases to a minimum of 26 at index 15747, and then increases back to 17824. A green vertical line marks the "Zero crossing at 8945" and a blue vertical line marks the "Peak at 15747". A green shaded area at the bottom represents the "clus5" gene set, and a blue shaded area at the top represents the "NON.clus5" gene set. The plot is divided into two regions: "clus5" (left) and "NON.clus5" (right).

A density plot showing the probability density function (PDF) of ES values. The x-axis is labeled 'ES' and ranges from -0.6 to 0.6. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 3.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.25 and 0.25. A vertical black line at ES = -0.526 represents the 'Observed Gene Set ES value'. The area under the red curve to the left of this line is shaded in light blue. Text labels on the x-axis indicate 'Neg. ES "NON.clus5"' for the left side and 'Pos. ES: "clus5"' for the right side. At the bottom, summary statistics are provided: ES = -0.526, NES = -1.69, Nom. p-val = 0.0194, FWER = 0.789, and FDR = 1.

ES = -0.526 NES = -1.69 Nom. p-val = 0.0194 FWER = 0.789 FDR = 1

	clus5										NON.clus5									
Class	clus5										NON.clus5									
CISH	clus5										NON.clus5									
JAK2	clus5										NON.clus5									
GAB2	clus5										NON.clus5									
PIK3R1	clus5										NON.clus5									
PRKACA	clus5										NON.clus5									
STAT5B	clus5										NON.clus5									
YWHAZ	clus5										NON.clus5									
SRP9	clus5										NON.clus5									
YWHAQ	clus5										NON.clus5									
GRB2	clus5										NON.clus5									
PTPN11	clus5										NON.clus5									
HDAC1	clus5										NON.clus5									
PRKACB	clus5										NON.clus5									
STAT5A	clus5										NON.clus5									
BCL2L1	clus5										NON.clus5									
PIK3CA	clus5										NON.clus5									
PIM1	clus5										NON.clus5									
SHC1	clus5										NON.clus5									
CEBPB	clus5										NON.clus5									
IL3RA	clus5										NON.clus5									
PRKACG	clus5										NON.clus5									
ID1	clus5										NON.clus5									
INPP5D	clus5										NON.clus5									
CSF2RB	clus5										NON.clus5									
CNKSR1	clus5										NON.clus5									
OSM	clus5										NON.clus5									