

Figure 1: A plot showing the distribution of the number of genes in the gene set across 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 red line shows the cumulative distribution, peaking at 2488 and crossing zero at 8790. A green area shows the density of genes in the gene set, with a peak at 2488. Vertical dashed lines mark the peak and zero crossing. The plot is divided into 'clus1' (index 0 to 2488) and 'NON.clus1' (index 2488 to 17824).

A density plot showing the distribution of ES values for two gene sets. The x-axis is labeled 'ES' and ranges from -1.0 to 1.0. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 1.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.5 and 0.5. A black vertical line at ES = 0.611 represents the 'Observed Gene Set ES value'. The area to the left of this line is labeled 'Neg. ES "NON.clus1"' and the area to the right is labeled 'Pos. ES: "clus1"'. Below the x-axis, the following statistics are provided: ES = 0.611 NES = 1.42 Nom. p-val= 0.145 FWER= 0.99 FDR= 1.

	clus1										NON.clus1									
Class																				
HIST1H2AB																				
HIST1H2BL																				
HIST1H2BC																				
HIST1H2BG																				
HIST1H4																				
HIST1H2BD																				
HIST1H4E																				
HIST1H4H																				
HIST1H2BE																				
HIST1H2BN																				
HIST1H2BJ																				
HIST1H2BK																				
HIST2H2AA3																				
HIST1H4D																				
HIST1H2AD																				
HIST1H2B																				
HIST1H2BO																				
HIST1H2BP																				
HIST2H2BE																				
HIST1H4B																				
HIST1H4I																				
POLD4																				
POLA1																				
RPB3																				
RUVBL1																				
NHP2																				
RFC4																				
LIG1																				
HIST1H2BH																				
HIST1H4C																				
HIST1H4A																				
POL2																				
RFC3																				
HIST1H4J																				
HIST2H4A																				
H2AFX																				
RUVBL2																				
POLD1																				
TERF2IP																				
POLA2																				
DKC1																				
RFC5																				
FEN1																				
PCNA																				
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DNA2																				
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POT1																				
HIST2H2AC																				
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RFC2																				
RPA1																				
TERF1																				
PRM2																				
POLD2																				
POLD3																				
PRM1																				
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