

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 31). A blue line represents the cumulative distribution function (CDF) of the number of genes in the gene set. A green vertical dashed line marks the 'Zero crossing at 8453'. A blue vertical dashed line marks the 'Peak at 14563'. A green shaded area represents the distribution of the number of genes in the gene set. The distribution is skewed to the right, with a peak at 14563. The number of genes in the gene set is 31.

A density plot showing the distribution of ES values. 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 2.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.75 and 0.35. A vertical black line at ES = -0.525 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.clus2"' for the left side and 'Pos. ES: "clus2"' for the right side. Below the x-axis, summary statistics are provided: ES = -0.525, NES = -1.51, Nom. p-val = 0.106, FWER = 0.852, and FDR = 0.453.

This heatmap displays the expression levels of various genes across two clusters: **clus2** and **NON.clus2**. The color scale ranges from -3 (blue) to 3 (red), with white representing 0. Genes are listed on the y-axis, and individual samples are listed on the x-axis.

	clus2															NON.clus2														
Class																														
LDHAL6B																														
ACSS2																														
MLYCD																														
ECHS1																														
HADHA																														
ACACB																														
SUCLG1																														
PCCA																														
ALDH9A1																														
ACSS1																														
ALDH3A2																														
LDHA																														
ACACA																														
MCEE																														
EHHADH																														
LDHB																														
ACAT1																														
SUCLG2																														
ACADM																														
SUCLA2																														
LDHAL6A																														
PCCB																														
MUT																														
ACSS3																														
HIBCH																														
ALDH7A1																														
ALDH2																														
ACAT2																														
ALDH1B1																														
ABAT																														
ALDH6A1																														