

Figure 1 displays a multi-panel plot showing gene expression data for 166 genes. The top panel is a blue line graph of $\log_2(\text{RPKM})$ vs Gene List Index, with a dashed horizontal line at 1.5. The middle panel shows a barcode of vertical lines representing gene expression. The bottom panel is a green area plot of $\log_2(\text{RPKM})$ vs Gene List Index. Vertical dashed lines mark the zero crossing at 9662 (green) and the peak at 12423 (blue). The x-axis is labeled 'Gene List Index' and ranges from 0 to 15000. The y-axis is labeled ' $\log_2(\text{RPKM})$ ' and ranges from 0 to 10. The bottom panel is labeled 'clus2' and 'NON.clus2'.

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -0.5 to 0.5. The y-axis is labeled 'P(ES)' and ranges from 0 to 4. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.15 and 0.15. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.298. The area to the left of this line is labeled 'Neg. ES "NON.clus2"' and the area to the right is labeled 'Pos. ES: "clus2"'. Below the x-axis, the following text is displayed: ES = -0.298 NES = -1.52 Nom. p-val= 0.0746 FWER= 0.858 FDR= 0.284.

[illegible]