

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -0.4 to 0.4. The y-axis is labeled 'P(ES)' and ranges from 0 to 5. 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 at ES = 0.279 represents the 'Observed Gene Set ES value'. The area under the red curve to the right of this line is shaded in light red. Text labels on the x-axis indicate 'Neg. ES "NON.clus3"' for negative values and 'Pos. ES: "clus3"' for positive values. At the bottom, summary statistics are provided: ES = 0.279, NES = 1.6, Nom. p-val = 0.0379, FWER = 0.71, and FDR = 0.17.

ES = 0.279 NES = 1.6 Nom. p-val= 0.0379 FWER= 0.71 FDR= 0.17

The figure displays a heatmap of gene expression data. The y-axis lists 100 genes, and the x-axis represents 100 samples. The samples are grouped into two main clusters: 'clus3' (samples 1-50) and 'NON.clus3' (samples 51-100). The color scale ranges from -2 (blue) to 2 (red), with 0 being white. The heatmap shows that genes in the 'clus3' cluster generally have higher expression levels (red) in the 'clus3' samples compared to the 'NON.clus3' samples, which show lower expression levels (blue) for the same genes. This pattern is consistent across most of the 100 genes listed.

Gene	clus3 (1-50)	NON.clus3 (51-100)
CDL1	High	Low
CDL2	High	Low
CDL3	High	Low
CDL4	High	Low
CDL5	High	Low
CDL6	High	Low
CDL7	High	Low
CDL8	High	Low
CDL9	High	Low
CDL10	High	Low
CDL11	High	Low
CDL12	High	Low
CDL13	High	Low
CDL14	High	Low
CDL15	High	Low
CDL16	High	Low
CDL17	High	Low
CDL18	High	Low
CDL19	High	Low
CDL20	High	Low
CDL21	High	Low
CDL22	High	Low
CDL23	High	Low
CDL24	High	Low
CDL25	High	Low
CDL26	High	Low
CDL27	High	Low
CDL28	High	Low
CDL29	High	Low
CDL30	High	Low
CDL31	High	Low
CDL32	High	Low
CDL33	High	Low
CDL34	High	Low
CDL35	High	Low
CDL36	High	Low
CDL37	High	Low
CDL38	High	Low
CDL39	High	Low
CDL40	High	Low
CDL41	High	Low
CDL42	High	Low
CDL43	High	Low
CDL44	High	Low
CDL45	High	Low
CDL46	High	Low
CDL47	High	Low
CDL48	High	Low
CDL49	High	Low
CDL50	High	Low
CDL51	High	Low
CDL52	High	Low
CDL53	High	Low
CDL54	High	Low
CDL55	High	Low
CDL56	High	Low
CDL57	High	Low
CDL58	High	Low
CDL59	High	Low
CDL60	High	Low
CDL61	High	Low
CDL62	High	Low
CDL63	High	Low
CDL64	High	Low
CDL65	High	Low
CDL66	High	Low
CDL67	High	Low
CDL68	High	Low
CDL69	High	Low
CDL70	High	Low
CDL71	High	Low
CDL72	High	Low
CDL73	High	Low
CDL74	High	Low
CDL75	High	Low
CDL76	High	Low
CDL77	High	Low
CDL78	High	Low
CDL79	High	Low
CDL80	High	Low
CDL81	High	Low
CDL82	High	Low
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CDL86	High	Low
CDL87	High	Low
CDL88	High	Low
CDL89	High	Low
CDL90	High	Low
CDL91	High	Low
CDL92	High	Low
CDL93	High	Low
CDL94	High	Low
CDL95	High	Low
CDL96	High	Low
CDL97	High	Low
CDL98	High	Low
CDL99	High	Low
CDL100	High	Low