

A density plot showing the distribution of ES values for two gene sets. 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 -0.3 and 0.3. A vertical black line at ES = -0.411 represents the 'Observed Gene Set ES value'. 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 = -0.411 NES = -1.2 Norm. p-val= 0.229 FWER= 0.998 FDR= 1.

Heatmap visualization showing gene expression profiles across two clusters: **clus2** (red) and **NON.clus2** (blue). The y-axis lists 60 genes, and the x-axis represents individual samples. The heatmap is divided into two main vertical sections: **clus2** (red) and **NON.clus2** (blue).

**Gene List (Y-axis):**

- Class
- CACNA2D3
- TNNI2
- ATP1B3
- CACNA2D1
- SLC8A1
- CACNA2D4
- COX5B
- SLC9A6
- ATP2A2
- ATP1A4
- TPM4
- ATP1A1
- ATP1A2
- MYH6
- ATP1A3
- CACNB3
- ATP1B1
- UQCRLH
- MYH7
- COX7B
- UQCRLH
- CYC1
- COX6C
- TPM3
- RYR2
- UQCRL1
- COX4I1
- COX6A1
- COX5A
- COX7A1
- CACNA1F
- COX4B
- COX8A
- COX5B
- SLC3A1
- UQCRC1
- UQCRL10
- COX7C
- CACNA1D
- UQCRLF1
- COX8B1
- UQCRLQ
- UQCRLB
- COX7A2
- CACNB2
- ATP1B2
- CACNA1C
- COX7A2L
- CACNB4
- FXYD2
- COX8C
- MYL3
- MYL2
- ACTC1
- CACNB1
- CACNB1G1
- CACNA2D2
- TPM2
- COX6A2
- TPM1
- TNNI5
- CACNG4
- CACNG6
- TNNI1