

A density plot showing the distribution of ES values. 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 to 3. 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 represents the 'Observed Gene Set ES value' at ES = -0.386. The area under the red curve to the left of this line is shaded gray. Labels on the x-axis indicate 'Neg. ES "NON.clus2"' for negative values and 'Pos. ES: "clus2"' for positive values. Below the x-axis, the following statistics are provided: ES = -0.386, NES = -1.17, Nom. p-val = 0.21, FWER = 0.996, and FDR = 0.792.

Heatmap visualization showing gene expression levels across 100 samples, categorized by Class (cluser2) and NON.cluser2. The color scale ranges from -2 (blue) to 2 (red).

Class

cluser2

NON.cluser2

Gene List:

- CACNB3
- TNNI3
- COX6B2
- ATP1A3
- CACNA2D4
- ATP1A4
- TPM1
- COX4I2
- CYC1
- COX3A
- CACNG4
- COX4H1
- UQCRL10
- FXYD2
- TNNI2
- COX7B
- COX6A1
- COX6E
- CACNB2
- ATP1A1
- UQCRL1
- COX5A
- COX7A2L
- SLC9A1
- SLC8A1
- COX7A2
- UQCRRF51
- TPM3
- ATP1B1
- COX7A1
- COX6B1
- UQCRLH
- CACNA2D3
- UQCRLH
- ATP1A2
- UQCRLQ
- COX5B
- UQCRLB
- COX6A2
- UQCRLC1
- ATP1A2
- ATP1B2
- TPM4
- TPM2
- SLC9A6
- CACNA1F
- COX7C
- CACNA1C
- ATP1B3
- ATP1B4
- CACNA1S
- CACNB4
- CACNA1D
- ACTC1
- CACNB1
- TNNI1
- CACNA2D1
- CACNA2D2
- MYL3
- RYR2

Sample List:

- TGGA_AL_1336_01
- TGGA_AL_1337_01
- TGGA_AL_1338_01
- TGGA_AL_1339_01
- TGGA_AL_1340_01
- TGGA_AL_1341_01
- TGGA_AL_1342_01
- TGGA_AL_1343_01
- TGGA_AL_1344_01
- TGGA_AL_1345_01
- TGGA_AL_1346_01
- TGGA_AL_1347_01
- TGGA_AL_1348_01
- TGGA_AL_1349_01
- TGGA_AL_1350_01
- TGGA_AL_1351_01
- TGGA_AL_1352_01
- TGGA_AL_1353_01
- TGGA_AL_1354_01
- TGGA_AL_1355_01
- TGGA_AL_1356_01
- TGGA_AL_1357_01
- TGGA_AL_1358_01
- TGGA_AL_1359_01
- TGGA_AL_1360_01
- TGGA_AL_1361_01
- TGGA_AL_1362_01
- TGGA_AL_1363_01
- TGGA_AL_1364_01
- TGGA_AL_1365_01
- TGGA_AL_1366_01
- TGGA_AL_1367_01
- TGGA_AL_1368_01
- TGGA_AL_1369_01
- TGGA_AL_1370_01
- TGGA_AL_1371_01
- TGGA_AL_1372_01
- TGGA_AL_1373_01
- TGGA_AL_1374_01
- TGGA_AL_1375_01
- TGGA_AL_1376_01
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- TGGA_AL_1401_01
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- TGGA_AL_1499_01
- TGGA_AL_1500_01