

The figure is a density plot showing the probability density function (PDF) 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 0.0 to 3.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.2 and 0.2. A vertical black line represents the 'Observed Gene Set ES value' at approximately 0.456. The area under the red curve to the left of the observed value is shaded in light blue. The plot is divided into two regions by the observed value: 'Neg. ES "NON.clus5"' on the left and 'Pos. ES: "clus5"' on the right. Below the x-axis, the following statistics are provided: ES = 0.456, NES = 1.71, Nom. p-val= 0.0468, FWER= 0.724, and FDR= 0.275.

Heatmap showing the distribution of 48 genes across 48 samples, categorized into **clus5** and **NON.clus5** groups. The color scale ranges from -2 (blue) to 2 (red).

Gene List (Rows):

- Class
- POLE2
- GTf2H2B
- GTf2H2
- RFC4
- ERCC8
- LIG1
- RPA3
- RFC5
- ERCC1
- POLD2
- POLD1
- RF2
- POLR21
- RF23
- PCNA
- ERCC2
- MNAT1
- POLR2K
- GTf2H3
- POLR2L
- POLR2F
- XPA
- ERCC4
- DDB1
- POLR2E
- POLR2J
- CDK7
- POLR2H
- POLR2B
- TCEA1
- RPA1
- XAB2
- RAD23B
- POLD3
- POLR2C
- CCNH
- XPC
- POLE
- RPA2
- POLR2G
- ERCC3
- DDB2
- POLR2A
- POLR2D
- GTf2H1
- ERCC5
- GTf2H4
- ERCC6
- POLD4

Sample List (Columns):

- TGGA_AL_1336_01
- TGGA_AL_1335_01
- TGGA_AL_1337_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_1400_01
- TGGA_AL_1401_01
- TGGA_AL_1402_01
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- TGGA_AL_1499_01
- TGGA_AL_1500_01