

Figure 1: A plot showing the distribution of the number of genes in a gene set versus the gene list index. The x-axis is 'Gene List Index' (0 to 18283) and the y-axis is 'Number of genes' (0 to 18283). A red line shows the distribution, peaking at 3217. A green line shows the distribution, peaking at 8390. A dashed horizontal line is at y=0. A green shaded area at the bottom is labeled 'clus2' and a red shaded area at the top is labeled 'NON.clus2'. Text labels indicate 'Peak at 3217' and 'Zero crossing at 8390'.

ES = 0.477 NES = 1.3 Nom. p-val = 0.254 FWER = 0.984 FDR = 1

Heatmap showing the expression of 30 DNA repair genes across 100 samples, clustered into two groups: clus2 (red) and NON.clus2 (blue). The genes are listed on the y-axis, and the samples are listed on the x-axis. The color scale ranges from -2 (blue) to 2 (red).

Genes (Y-axis):

- Class
- NEIL3
- POLE2
- NEIL1
- FEN1
- POLD1
- PCNA
- MUTYH
- POLD2
- POLE
- NTHL1
- LIG1
- MPG
- OGG1
- XRCC1
- POLD4
- POLD3
- POLE4
- POLB
- POLE3
- NEIL2
- SMUG1
- MBD4
- UNG
- TDG
- APEX1
- POLL
- PARP2
- APEX2
- LIG3
- PARP1
- PARP4
- PARP3

Samples (X-axis):

- Sample1
- Sample2
- Sample3
- Sample4
- Sample5
- Sample6
- Sample7
- Sample8
- Sample9
- Sample10
- Sample11
- Sample12
- Sample13
- Sample14
- Sample15
- Sample16
- Sample17
- Sample18
- Sample19
- Sample20
- Sample21
- Sample22
- Sample23
- Sample24
- Sample25
- Sample26
- Sample27
- Sample28
- Sample29
- Sample30
- Sample31
- Sample32
- Sample33
- Sample34
- Sample35
- Sample36
- Sample37
- Sample38
- Sample39
- Sample40
- Sample41
- Sample42
- Sample43
- Sample44
- Sample45
- Sample46
- Sample47
- Sample48
- Sample49
- Sample50
- Sample51
- Sample52
- Sample53
- Sample54
- Sample55
- Sample56
- Sample57
- Sample58
- Sample59
- Sample60
- Sample61
- Sample62
- Sample63
- Sample64
- Sample65
- Sample66
- Sample67
- Sample68
- Sample69
- Sample70
- Sample71
- Sample72
- Sample73
- Sample74
- Sample75
- Sample76
- Sample77
- Sample78
- Sample79
- Sample80
- Sample81
- Sample82
- Sample83
- Sample84
- Sample85
- Sample86
- Sample87
- Sample88
- Sample89
- Sample90
- Sample91
- Sample92
- Sample93
- Sample94
- Sample95
- Sample96
- Sample97
- Sample98
- Sample99
- Sample100