

Peak at 979

Zero crossing at 8805

"clus2"

"NON.clus2"

Gene List Index

Number of genes: 17824 (in list), 61 (in gene set)

Gene Set Null Density

Observed Gene Set ES value

$P(ES)$

Neg. ES "NON.clus2"

Pos. ES: "clus2"

ES

ES = 0.328 NES = 1.27 Nom. p-val= 0.142 FWER= 0.999 FDR= 1

The heatmap displays gene expression levels across 48 cell lines, grouped into two main clusters: 'clus2' (left) and 'NON.clus2' (right). The color scale ranges from blue (low expression) to red (high expression). The 'clus2' group shows a distinct pattern of high expression for genes like POU4F1, P6R, KLRC3, NR0B2, JUN, NR0B1, C3, ABCA3, LCOR, ESR1, CD82, APBB1, MPB, NR1P1, COL18A1, UBE2M, MTA1, AP1B1, PDIA2, CTSD, DDX54, SMAD4, NEDD8, PHB2, ANKRD2A, PRDM15, CEBPB, NCOA3, CND1, CHUK, XBP1, HDAC1, SARB, MYC, NCOA1, ATP5J, HDAC4, NCO2, LM04, MED1, ESRB9, PCNA, STAT5A, ERF1, NDUFB3, SOD1, NCO1, HSF1, NCOA2, DDX17, GREB1, SET, SRA1, CALCOCC1, NCOA7, UBA3, ESR2, DSCAM, TRIM69, AXIN2, and BRCA1. The 'NON.clus2' group shows a different pattern of expression, with genes like POU4F1, P6R, KLRC3, NR0B2, JUN, NR0B1, C3, ABCA3, LCOR, ESR1, CD82, APBB1, MPB, NR1P1, COL18A1, UBE2M, MTA1, AP1B1, PDIA2, CTSD, DDX54, SMAD4, NEDD8, PHB2, ANKRD2A, PRDM15, CEBPB, NCOA3, CND1, CHUK, XBP1, HDAC1, SARB, MYC, NCOA1, ATP5J, HDAC4, NCO2, LM04, MED1, ESRB9, PCNA, STAT5A, ERF1, NDUFB3, SOD1, NCO1, HSF1, NCOA2, DDX17, GREB1, SET, SRA1, CALCOCC1, NCOA7, UBA3, ESR2, DSCAM, TRIM69, AXIN2, and BRCA1. The heatmap is divided into two main sections: 'clus2' (left) and 'NON.clus2' (right). The 'clus2' section shows a high density of red cells, indicating high expression levels for many genes. The 'NON.clus2' section shows a more varied pattern of expression, with a mix of red and blue cells. The color scale is indicated by a vertical bar on the right side of the heatmap, ranging from blue (low expression) to red (high expression).