

Zero crossing at 7260

Peak at 14689

"clus2"

"NON.clus2"

Gene List Index

Number of genes: 18113 (in list), 34 (in gene set)

ES = -0.729 NES = -1.4 Nom. p-val= 0.0963 FWER= 0.961 FDR= 0.188

Heatmap showing gene expression levels across 40 samples, grouped into two clusters: **clus2** (red) and **NON.clus2** (blue). The y-axis lists genes, and the x-axis lists samples. The color scale ranges from -2 (blue) to 2 (red).

Genes (Y-axis):

- Class
- CGA
- TG
- HLA-G
- HLA-A
- HLA-C
- HLA-B
- HLA-E
- HLA-F
- HLA-DRB1
- HLA-DRB5
- HLA-DQB1
- HLA-DPB1
- CD40
- HLA-DQA2
- HLA-DQA1
- HLA-DMA
- FAS
- HLA-DOA
- HLA-DRA
- HLA-DPA1
- TSHR
- TPO
- CD80
- HLA-DMB
- GZMB
- CD86
- CTLA4
- PRF1
- FASLG
- CD28
- IL2
- HLA-DOB
- CD40LG
- IL10

Samples (X-axis):

- TCGA_4G_AA20_01
- TCGA_4G_AA21_01
- TCGA_W5_AA21_01
- TCGA_W5_AA22_01
- TCGA_W5_AA23_01
- TCGA_W5_AA24_01
- TCGA_W5_AA25_01
- TCGA_W5_AA26_01
- TCGA_W5_AA27_01
- TCGA_W5_AA28_01
- TCGA_W5_AA29_01
- TCGA_W5_AA30_01
- TCGA_W5_AA31_01
- TCGA_W5_AA32_01
- TCGA_W5_AA33_01
- TCGA_W5_AA34_01
- TCGA_W5_AA35_01
- TCGA_W5_AA36_01
- TCGA_W5_AA37_01
- TCGA_W5_AA38_01
- TCGA_ZD_A813_01
- TCGA_ZH_A814_01
- TCGA_ZH_A815_01
- TCGA_ZH_A816_01
- TCGA_ZH_A817_01
- TCGA_ZH_A818_01
- TCGA_ZH_A819_01
- TCGA_ZH_A820_01
- TCGA_ZH_A821_01
- TCGA_ZH_A822_01
- TCGA_ZH_A823_01
- TCGA_ZH_A824_01
- TCGA_ZH_A825_01
- TCGA_ZH_A826_01
- TCGA_ZH_A827_01
- TCGA_ZH_A828_01
- TCGA_ZH_A829_01
- TCGA_ZH_A830_01
- TCGA_ZH_A831_01
- TCGA_ZH_A832_01
- TCGA_ZH_A833_01
- TCGA_ZH_A834_01
- TCGA_ZH_A835_01
- TCGA_ZH_A836_01
- TCGA_ZH_A837_01
- TCGA_ZH_A838_01
- TCGA_ZH_A839_01
- TCGA_ZH_A840_01
- TCGA_ZH_A841_01
- TCGA_ZH_A842_01
- TCGA_ZH_A843_01
- TCGA_ZH_A844_01
- TCGA_ZH_A845_01
- TCGA_ZH_A846_01
- TCGA_ZH_A847_01
- TCGA_ZH_A848_01
- TCGA_ZH_A849_01
- TCGA_ZH_A850_01
- TCGA_ZH_A851_01
- TCGA_ZH_A852_01
- TCGA_ZH_A853_01
- TCGA_ZH_A854_01
- TCGA_ZH_A855_01
- TCGA_ZH_A856_01
- TCGA_ZH_A857_01
- TCGA_ZH_A858_01
- TCGA_ZH_A859_01
- TCGA_ZH_A860_01
- TCGA_ZH_A861_01
- TCGA_ZH_A862_01
- TCGA_ZH_A863_01
- TCGA_ZH_A864_01
- TCGA_ZH_A865_01
- TCGA_ZH_A866_01
- TCGA_ZH_A867_01
- TCGA_ZH_A868_01
- TCGA_ZH_A869_01
- TCGA_ZH_A870_01
- TCGA_ZH_A871_01
- TCGA_ZH_A872_01
- TCGA_ZH_A873_01
- TCGA_ZH_A874_01
- TCGA_ZH_A875_01
- TCGA_ZH_A876_01
- TCGA_ZH_A877_01
- TCGA_ZH_A878_01
- TCGA_ZH_A879_01
- TCGA_ZH_A880_01
- TCGA_ZH_A881_01
- TCGA_ZH_A882_01
- TCGA_ZH_A883_01
- TCGA_ZH_A884_01
- TCGA_ZH_A885_01
- TCGA_ZH_A886_01
- TCGA_ZH_A887_01
- TCGA_ZH_A888_01
- TCGA_ZH_A889_01
- TCGA_ZH_A890_01
- TCGA_ZH_A891_01
- TCGA_ZH_A892_01
- TCGA_ZH_A893_01
- TCGA_ZH_A894_01
- TCGA_ZH_A895_01
- TCGA_ZH_A896_01
- TCGA_ZH_A897_01
- TCGA_ZH_A898_01
- TCGA_ZH_A899_01
- TCGA_ZH_A900_01
- TCGA_ZH_A901_01
- TCGA_ZH_A902_01
- TCGA_ZH_A903_01
- TCGA_ZH_A904_01
- TCGA_ZH_A905_01
- TCGA_ZH_A906_01
- TCGA_ZH_A907_01
- TCGA_ZH_A908_01
- TCGA_ZH_A909_01
- TCGA_ZH_A910_01
- TCGA_ZH_A911_01
- TCGA_ZH_A912_01
- TCGA_ZH_A913_01
- TCGA_ZH_A914_01
- TCGA_ZH_A915_01
- TCGA_ZH_A916_01
- TCGA_ZH_A917_01
- TCGA_ZH_A918_01
- TCGA_ZH_A919_01
- TCGA_ZH_A920_01
- TCGA_ZH_A921_01
- TCGA_ZH_A922_01
- TCGA_ZH_A923_01
- TCGA_ZH_A924_01
- TCGA_ZH_A925_01
- TCGA_ZH_A926_01
- TCGA_ZH_A927_01
- TCGA_ZH_A928_01
- TCGA_ZH_A929_01
- TCGA_ZH_A930_01
- TCGA_ZH_A931_01
- TCGA_ZH_A932_01
- TCGA_ZH_A933_01
- TCGA_ZH_A934_01
- TCGA_ZH_A935_01
- TCGA_ZH_A936_01
- TCGA_ZH_A937_01
- TCGA_ZH_A938_01
- TCGA_ZH_A939_01
- TCGA_ZH_A940_01
- TCGA_ZH_A941_01
- TCGA_ZH_A942_01
- TCGA_ZH_A943_01
- TCGA_ZH_A944_01
- TCGA_ZH_A945_01
- TCGA_ZH_A946_01
- TCGA_ZH_A947_01
- TCGA_ZH_A948_01
- TCGA_ZH_A949_01
- TCGA_ZH_A950_01
- TCGA_ZH_A951_01
- TCGA_ZH_A952_01
- TCGA_ZH_A953_01
- TCGA_ZH_A954_01
- TCGA_ZH_A955_01
- TCGA_ZH_A956_01
- TCGA_ZH_A957_01
- TCGA_ZH_A958_01
- TCGA_ZH_A959_01
- TCGA_ZH_A960_01
- TCGA_ZH_A961_01
- TCGA_ZH_A962_01
- TCGA_ZH_A963_01
- TCGA_ZH_A964_01
- TCGA_ZH_A965_01
- TCGA_ZH_A966_01
- TCGA_ZH_A967_01
- TCGA_ZH_A968_01
- TCGA_ZH_A969_01
- TCGA_ZH_A970_01
- TCGA_ZH_A971_01
- TCGA_ZH_A972_01
- TCGA_ZH_A973_01
- TCGA_ZH_A974_01
- TCGA_ZH_A975_01
- TCGA_ZH_A976_01
- TCGA_ZH_A977_01
- TCGA_ZH_A978_01
- TCGA_ZH_A979_01
- TCGA_ZH_A980_01
- TCGA_ZH_A981_01
- TCGA_ZH_A982_01
- TCGA_ZH_A983_01
- TCGA_ZH_A984_01
- TCGA_ZH_A985_01
- TCGA_ZH_A986_01
- TCGA_ZH_A987_01
- TCGA_ZH_A988_01
- TCGA_ZH_A989_01
- TCGA_ZH_A990_01
- TCGA_ZH_A991_01
- TCGA_ZH_A992_01
- TCGA_ZH_A993_01
- TCGA_ZH_A994_01
- TCGA_ZH_A995_01
- TCGA_ZH_A996_01
- TCGA_ZH_A997_01
- TCGA_ZH_A998_01
- TCGA_ZH_A999_01
- TCGA_ZH_A1000_01