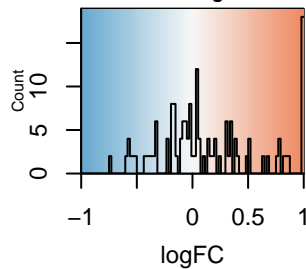


Color Key  
and Histogram

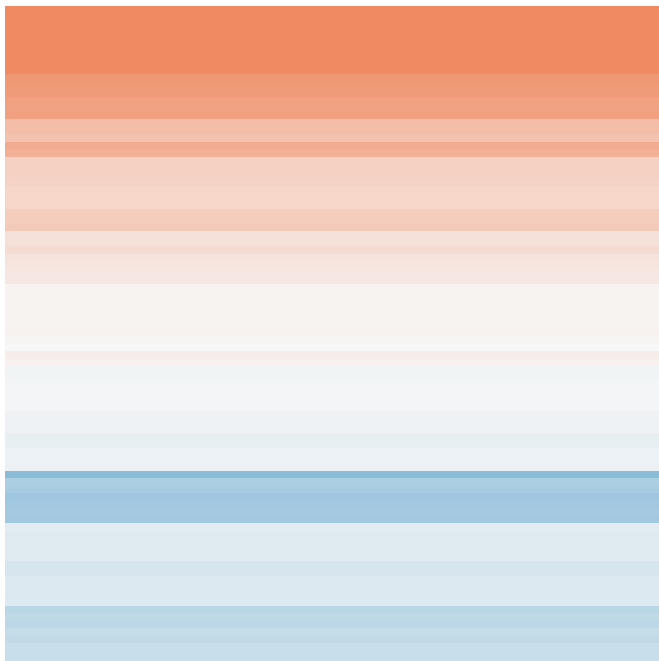
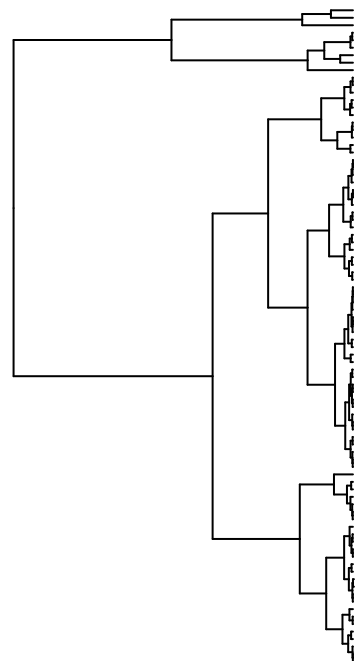


## HALLMARK\_KRAS\_SIGNALING\_DN(logFC)

Significance of DE

■ FDR ≤ 0.05

■ FDR > 0.05



NR6A2  
GPR3  
KRT1810  
BTG2  
SLC22  
TFP2  
EDN1  
SKL  
QNT  
TAS2R4  
CREB3  
KRT13  
TENT5C  
LINC  
NSD1186  
ITGB1BP2  
MFSR  
TG  
SLC9A3  
RYR1  
SHOX2  
PRODH  
RGS11  
ESG1  
SERPINA10  
MACROH2A2  
KRT16  
PDCD1  
MAGT1  
CDH16  
KCNK1  
CCL20A  
GAMT  
ENTPD7  
PTPRJ  
NTR10  
IGFBP2  
CLSTN3  
KMT2D  
TGF11  
COL2A1  
PDL2  
THRB  
SYNPO  
SELENOP  
SLC22A3  
CARM1D  
CDKAL1  
RBB2  
VPS50  
GPRC5C  
SPHK2  
SLC9A23  
CELSR2  
TINS2  
CPR2  
ADRXCC  
KCNQ2  
ICL6  
ASB7  
TGM1A  
RNF1A  
MAGX  
UPK6  
STAG3  
PLAC1  
TGFB2  
SPRNG  
CCPC106  
ZNF112  
RYR2  
DTNB  
CS  
MTHFR  
NR6A1  
RPR3  
SNR  
ZC3H1C  
NBR2  
SGK1  
GPR19  
EGF  
TFP2L1  
MSH5  
VPSL1  
BARD1  
GTF2C