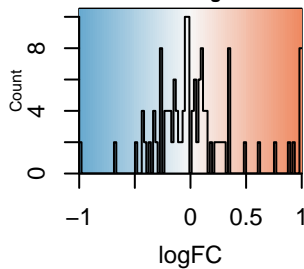


Color Key  
and Histogram

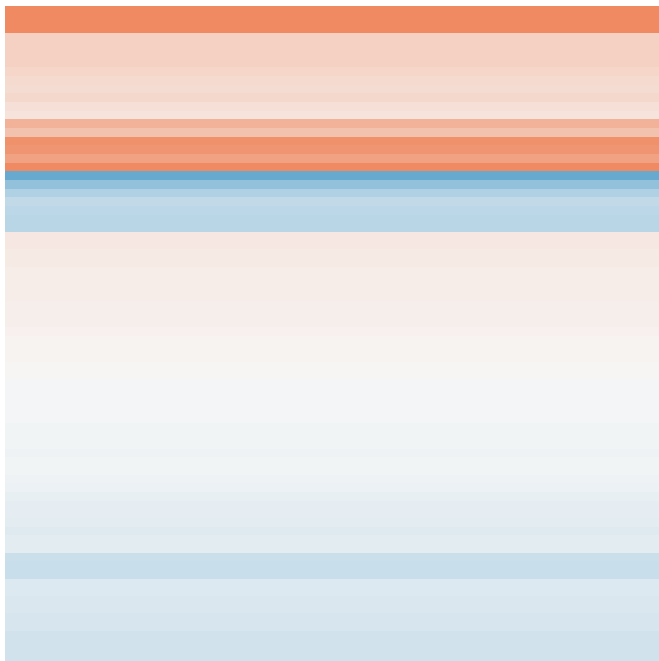
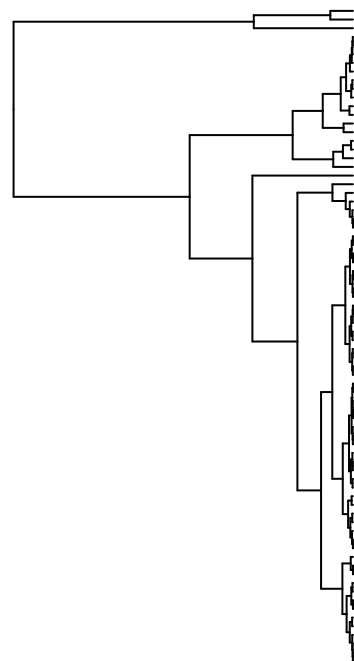


## Estrogen signaling pathway(logFC)

Significance of DE

FDR <= 0.05

FDR > 0.05



GNAI1  
ADCY9  
FOS  
HSPA1B  
HRAS  
CALM2  
PRKACB  
HSPA1A  
CREB3L1  
GNAQ  
CREB3  
HSP90AA1  
ITPR2  
HSPA1L  
HSP90A  
PIK3R2  
JUN  
NOS3  
HBECE  
PLCB4  
CALML4  
AKT3  
ATF6B  
PIK3R3  
ADCY1  
GABBR1  
PIK3CA  
HSP90AB1  
MAPK3  
GRB2  
NRAS  
FKBP4  
KRAS  
CALM1  
HSPA8  
HSP90B1  
PIK3CB  
MAP2K2  
GNAQ  
RAF1  
ATF4  
PIK3CD  
CREB5  
SHC1  
PLCB2  
PRKCD  
MAP2K1  
FKBP5  
CALM3  
AKT2  
GNAS  
SCS2  
AKT1  
CREB3L3  
GNAU2  
PLCB1  
CREB3L2  
MAPK1  
ATF2  
ADCY8  
PIK3R1  
PRKACA  
SRC  
ITPR1  
CREB3L4  
ADCY9  
SPI  
SOS1  
ADCY3  
CREB1  
ITPR3  
ADCY7  
EGFR  
SHC3  
GNAQ1  
PLCB3