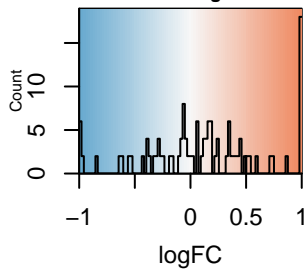


Color Key
and Histogram

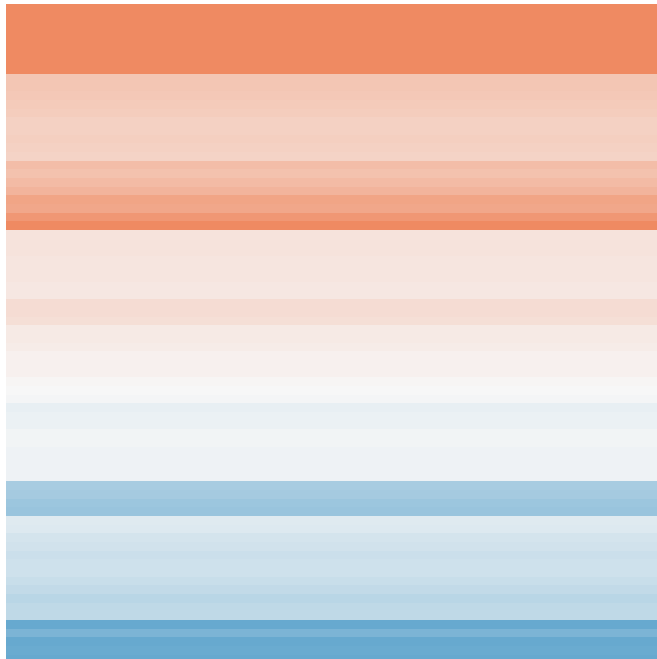
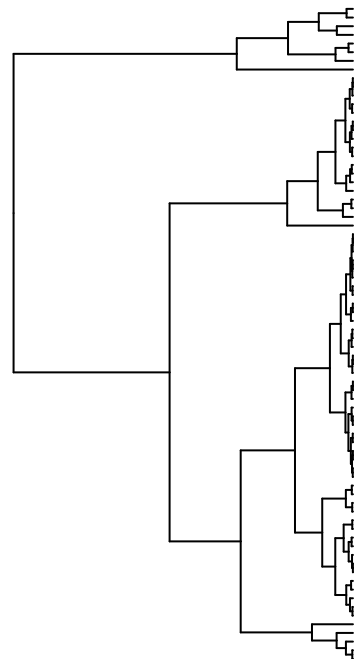


Estrogen signaling pathway(logFC)

Significance of DE

FDR ≤ 0.05

FDR > 0.05



HSPA1A
HBEF
GNAH1
JUN
HSPA6
HSPA1B
CREB5
FOS
CREB3
SHC1
GABBR1
PRKCD
PIK3C2
HSPX1L
ADCY4
GNAQ
FREP4
PLCB3
NRAS
MAP2K1
ADCY5
ATF4
KCNJ3
KRAS
GNAO1
HSP90AA1
CREB3L2
GNAI2
MAPK3
ATF2
GRB2
FREP5
HSP90B1
PRKACB
HSP90AB1
PIK3CA
GNAI3
MAP2K2
PIK3C2
SHC3
CREB1
CREB3L3
CALM3
AKT2
RAF1
PRKACA
SOS1
GNAS
ADCY7
PLCB4
PLCB1
ITPR2
SOS2
HSP90A
MAPK1
SRC
ITPR3
EGFR
ADCY9
SPT
AKT1
GPER1
ADCY6
CREB3L4
CALM1
PIK3CB
NRAS
CREB3L1
ATF6B
ADCY3
CALM2
PIK3R1
ITPR1
CALML4
ADCY1
PIK3R3