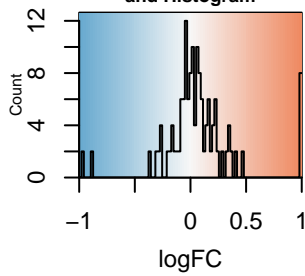


Color Key
and Histogram



Estrogen signaling pathway(logFC)

Significance of DE

FDR ≤ 0.05

FDR > 0.05

ADCY5
JUN
GNAH1
CREB3
GNA9
CREB5
ATF4
NRAS
HSP90AB1
ITPR2
HSPX1B
FKBP5
HSP90B1
PRKCB
MAP2K1
AKT1
GNA2
PRKACA
AKT2
FKBP4
HSP9B
SHC1
FKBP1
NOS3
GNAQ
HSP90AA1
PRKCD
MAP2K2
GRB2
GNAS
PRKACB
HSPGF
CREB3L1
MAPK3
HSPK2
PRKGC
GNAQ1
AKT3
CREB3L4
PRK3CA
PRKGR1
GABBR1
CALM1
HSPK1A
NRAS
CALM3
RAF1
CALM2
SRC
ADCY3
ADCY6
ATF6B
EGFR
ITPR3
HSPK1L
MAPK1
CREB3L2
ATF2
PLCB2
SDS2
SPI1
PLCB1
ADCY1
ADCY7
SHC3
PLCB3
CREB1
PRKCD
ITPR1
ADCY8
CREB3L3
SDS1
PLCB4
CALML4
FOS