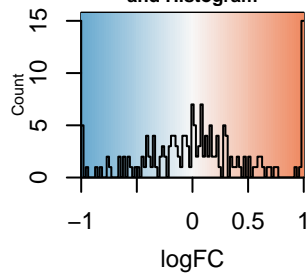**Color Key and Histogram**

HALLMARK_IL6_JAK_STAT3_SIGNALING(logFC)

Significance of DE
- FDR <= 0.05 for at least one
- FDR > 0.05 for all contrasts

Column labels: WT9–N9, WT9–UI9, N9–UI9

Row labels (top to bottom): JUN, CXCL3, CXCL1, CBL, CD9, STAT3, CSF1, TNFRSF12A, LEPR, SOCS3, INHBE, PIM1, TNFRSF21, SOCS1, TLR2, CD14, IRF1, CSF3R, IL17RA, IRF9, IL6ST, TGFB1, IFNAR1, IL13RA1, GRB2, STAT2, MYD88, IL1B, ACVR1B, IL17RB, PTPN1, TNFRSF1B, IFNGR2, BAK1, TYK2, MAP3K8, STAT1, PTPN2, LTBR, PTPN11, PLA2G2A, HAX1, STAM2, IFNGR1, IL4R, TNFRSF1A, IL2RG, HMOX1, IL1R1, PDGFC, IL10RB, IL1R2, EBI3, A2M, CCR1