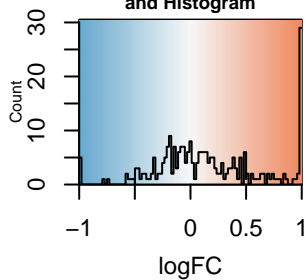**Color Key and Histogram**

**Osteoclast differentiation(logFC)**

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

Gene labels (top to bottom):
CSF1, RELB, IL1B, FHL2, CSF1R, SOCS3, NFKB2, PLCG2, NFKBIA, JUND, TNFRSF11A, FYN, PPP3CC, FOSL2, BLNK, SYK, CTSK, ACP5, PIK3R2, SOCS1, SQSTM1, GAB2, CYLD, MAP2K1, MAPK8, RELA, TEC, TRAF6, IRF9, MAP3K14, TGFB1, PPARG, MITF, CHUK, PIK3CA, PIK3CD, MAP2K7, MAPK12, PPP3R1, MAPK3, GRB2, TRAF2, MAPK14, AKT2, STAT2, IKBKG, PPP3CB, IFNGR2, CYBA, MAPK13, NFATC2, CREB1, PPP3CA, RAC1, TAB2, MAPK1, MAP2K6, IFNAR1, TNFRSF11B, TGFBR1, MAPK11, MAP3K7, TNFRSF1A, JAK1, IFNGR1, TAB1, NOX1, TGFBR2, SIRPA, STAT1, PIK3CB, NFKB1, AKT1, TYK2, IKBKB, MAPK9, IFNAR2, PIK3R1, PIK3R3, IL1R1, FOSB, FOS, JUNB, FOSL1, JUN

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