

Gene Set Null Density

Observed Gene Set ES value

Neg. ES "NON.clus4"

Pos. ES: "clus4"

ES

ES = 0.494 NES = 1.7 Nom. p-val= 0.0179 FWER= 0.546 FDR= 0.161

Heatmap visualization showing gene expression profiles across two clusters: **clus4** (red background) and **NON.clus4** (blue background). The y-axis lists 100 genes, and the x-axis represents individual samples. The heatmap is divided into two vertical sections: a red section on the left for 'clus4' and a blue section on the right for 'NON.clus4'. Each gene's expression is represented by a horizontal bar of colored dots (red and blue) across the samples. The genes listed on the y-axis include: CLNA1, PKR3CG, PLA2G4E, PRKCB, PKC3S, DDC2C, FCGR2C, PIP4K1B, NRP1, FCGR2B, FCGR1A, NCF1, PTPRC, VAV1, DNMB1, FCGR2A, FCGR3A, VAV3, RAC2, PLA2G4A, PRKCE, LAT, PKC1D, PKC3I, NCK, SCH, ARPC1B, PLGG, PPP2R2B, BRCA1, ASAP1, VASP, PPP2A, VAV2, PLA2G4F, WASF3, MAPK3, WASL, PIP5K1D, GSN, CDC42, PKC3I, ARPC4, PLDD, CFL1, ARF, MYO10, ACT1, PRKCI, DNMT2, UBR1, ARPC2, ARPC3, GSN, RIZ1, PPP2R2C, ARPC2, ARPC3, MAPK1, MARCKSL1, ARPC1A, PRK1V, RAC1, PIP4K2B, PIP4K2A, ARPC3L, WASF1, PLCG1, ANK1, MAPK1, MAPK3, PLA2G4D, RHOA, SPMK1, PRKCE, PAK1, AKT1, DNMT1, CFL1, PKC3S, DNMT1L, ASAP2, PLA2G6, PRKCA, PLD1, WASF1.