

ES = -0.427 NES = -1.51 Nom. p-val= 0.0637 FWER= 0.88 FDR= 0.248

The figure displays a heatmap comparing gene expression profiles between two clusters: **clus3** (left) and **NON.clus3** (right). The y-axis lists 100 genes, and the x-axis represents 100 individual samples. The color scale indicates expression levels, with red representing higher expression and blue representing lower expression. The heatmap is divided into two vertical panels by a dashed line. The **clus3** panel shows a distinct pattern of gene expression compared to the **NON.clus3** panel, with many genes showing higher expression in the **clus3** samples. The genes listed on the y-axis are: CLNA1, PLA2G4A, GSN, PLAZG8, RPRP1B, WASP3, GRSB, DNMT1, MAP3K1, PRKCG, PLA2G4F, SPHK2, MYO1D, PIPAP2, PIPK1A1, AMPH, PLA2G4B, CRK, PRK1E, ARPC3, ASAP3, AIZ, ARPC4, AR1, AIT1, PAK1, PRKCO, LIMK2, WASL, F11, WASH, PIPAP2B, MAPK1, PLD1, RPS6KB1, MARCKS, MAPK1, MAPK1, PIPAP2B, PLD2, ASAP3, ARPC4, VASP, DNM2, ARPC1A, CRK, WASP2, WASP2, PRK3R1, PRKCB, CDC42, PRK1A, ARPC2, ARPC4, ARF6, RAC1, ARPC1B, LYN, DNM1, CIL1, PRK3R1, GSN, PRKCB, NIPK1, PRK3R1, LIMK1, ATRC, PLA2G4D, FCG1A, LAT, DOK1, RAC2, RAC2, NGF, VAV1, VAV3, PRKCG, FCG2A, SPHK1, PRKCA, FCG2B, VAV1, FCG1A, FCG1A, and FCG1A.