logcounts from enrichment model of 5 genes/cluster 4 Cluster CLDN5 2 **TAGLN** MYL9 0 ACTA2 A2M C1orf61 -2 CXCL14 MTRNR2L12 -4 MT3 SCG3 -6 HPCAL1 CAMK2N1 Cluster ARPP19 LINC02714 Cluster\_1 RASGRF2 Cluster\_2 PCP4 Cluster\_3 TMSB10 Cluster\_4 AL353751.1 TRABD2A Cluster\_5 TTC9B Cluster\_6 **CARTPT** Cluster\_7 FREM3 Cluster\_8 GPR6 ENC1 Cluster\_9 ADCYAP1 ABCA2 DBNDD2 CNP CLDND1 PLP1 NPTX1 SMIM32 DIRAS2 MAP2K1 SLN NEFM NEFH **NEFL** SCN1B LGALS1 MBP NXPH4 KRT17 BCAS1 Cluster