IPMN Specimens clusterPan (x-axis) clusterKidney (y-axis) AIF1L UMOD **BCAM** FXYD2 PAX8 IGFBP5 MGP SPP1 ITGB3 GPX3 P3H2 CRYAB MME ALDOB CGNL1 5.0 ITGB8 EFHD1 PDZK1IP1 DEFB1 GFBP7 IL1RL1 RBPMS / **€**412 VEGFA **ITGA3 DE Genes** 2.5 xdn_ydn log2fc_clusterKidney xdn_yno ERRFI1 xdn_yup xno_ydn **GATM** APOE DPEP1 xno_yno FAM3B ERP27 SRGN HLA xno_yup 0.0 AZGP1 ALB PLEKHO1 xup_ydn CRIP1 MUC6 xup_yno REG3G SLC7A2 ARHGAP4 xup_yup H4C12 H1-3 INS **PNLIP** -2.5CPA2 CTRC/ PRSS2 CTRB1 COROTA GNG2 RAG2 ELMO1 - • CELA3A CPB1 CLPS IGHG2 IGNG1 SNAP25 ATP8A1 IGLL5 IGHM' H1-5 IGHA1 H3C15 **JCHAIN** IGKC -5.010 -5log2fc_clusterPanc