Pan-Cancer Expression Landscape of Signatiure Genes **PRAD LUAD BRCA** COAD log2FC SORBS1 MYL9 ABCG2 HJURP IQGAP3 PYGM CRYAB 10 5 NRG1 TNS4 0 Down-regulated UP-regulated 0.5 Key Signature Genes 0.5 Key Signature Genes 0.0 0.0 10 9 FOLR1 TNS4 6 5 3 PCPG PRAD COAD MESO. READ SARC ACC: Adrenocortical carcinoma OV: Ovarian serous ACC: Adrencortical carcinoma BLCA: Bladder urothelial carcinoma BLCA: Breast invasive carcinoma CESC: Cervical and endocervical cancer CHOL: Cholangiocarcinoma COAD: Colon adenocarcinoma DLBC: Diffuse large B-cell lymphoma ESCA: Esophageal carcinoma GRM: Gliohlasphoma multifurme OV: Ovarian serous PAAD: Pancreatic adenocarcinoma PCPG: Phecohromocytoma and paragangli PRAD: Prostate adenocarcinoma READ: Rectum adenocarcinoma SARC: Sarcoma SKCM: Skin cutaneous melanoma STAD: Stomach adenocarcinoma Group Normal Tumor TGCT: Testicular germ cell tumors THCA: Thyroid carcinoma THYM: Thymoma UCEC: Uterine corpus endometrial carcinoma GBM: Glioblastoma multiforme HNSC: Head and neck squame HINSC: Head and neck squamous cell cal KICH: Kidney chromophobe KIRC: Kidney renal clear cell carcinoma KIRP: Kidney renal papillary cell carcinom LAML: Acute myeloid leukemia Significance Level *: p-value < 0.05 UCS: Uterine carcinosar UVM: Uveal melanoma LAMIC: Acute myeloid leukemia LGG: Lower grade giloma LIHC: Liver hepatocellular carcinoma LUAD: Lung adenocarcinoma LUSC: Lung squamous cell carcinom MESO: Mesothelioma **: p-value <0.01 *** : p-value <0.001 **** : p-value <0.0001