RCC3 Pathways by Aggregated Identity and Cellassign orig.ident orig.ident RCC3N cellassign 2 RCC3T Org PostTreat TNFA\_SIGNALING\_VIA\_NFKB **HYPOXIA** RCC3T Org PreTreat 1 RCC3T1 CHOLESTEROL HOMEOSTASIS MITOTIC SPINDLE RCC3T2 0 WNT\_BETA\_CATENIN\_SIGNALING <sub>-1</sub> cellassign TGF\_BETA\_SIGNALING Bcell IL6\_JAK\_STAT3\_SIGNALING -2 DT-2 DNA\_REPAIR Endo-1 **G2M CHECKPOINT** -3 Endo-2 **APOPTOSIS** Endo-4 NOTCH\_SIGNALING Endo-5 **ADIPOGENESIS** IC-B ESTROGEN\_RESPONSE\_EARLY ESTROGEN\_RESPONSE\_LATE Macro-1 ANDROGEN\_RESPONSE Macro-2 **MYOGENESIS** PT-1 PROTEIN\_SECRETION PT-2 INTERFERON\_ALPHA\_RESPONSE tAL INTERFERON\_GAMMA\_RESPONSE Tcell APICAL\_JUNCTION Tumor 14 APICAL\_SURFACE Tumor 3 **HEDGEHOG\_SIGNALING** vSMC-2 **COMPLEMENT** UNFOLDED\_PROTEIN\_RESPONSE PI3K\_AKT\_MTOR\_SIGNALING MTORC1 SIGNALING E2F\_TARGETS MYC\_TARGETS\_V1 MYC\_TARGETS\_V2 EPITHELIAL\_MESENCHYMAL\_TRANSITION INFLAMMATORY\_RESPONSE XENOBIOTIC\_METABOLISM FATTY\_ACID\_METABOLISM OXIDATIVE\_PHOSPHORYLATION **GLYCOLYSIS** REACTIVE\_OXYGEN\_SPECIES\_PATHWAY P53 PATHWAY UV\_RESPONSE\_UP UV\_RESPONSE\_DN **ANGIOGENESIS** HEME\_METABOLISM **COAGULATION** IL2\_STAT5\_SIGNALING BILE\_ACID\_METABOLISM **PEROXISOME** ALLOGRAFT\_REJECTION **SPERMATOGENESIS** KRAS\_SIGNALING\_UP KRAS\_SIGNALING\_DN PANCREAS\_BETA\_CELLS