Let7d\_TNFa\_vs\_Scramble\_TNFa PCA plot using MsigDB Hallmark with Process Category 1.0 -E2F\_TARGETS Process\_Category MYC\_TARGETS\_V2 cellular\_component INTERFERON\_ALPHA\_RESPONSE development **G2M CHECKPOINT** INTERFERON\_GAMMA\_RESPONSE DNA\_damage immune 0.5 other MYC TARGETS V1 pathway PC2: 16% variance proliferation ALLOGRAFT\_REJECTION signaling MITOTIC SPINDLE INFLAMMATORY\_RESPONSE UNFOLDED\_PROTEIN\_RESPONSE IL6\_JAK\_STAT3\_SIGNALING group\_drug W UV\_RESPONSE\_UP Let7d\_Ator \*\*\* 0.0 -**EPITHELIAL\_MESENCHYMAL\_TRANSITION** Let7d\_Lova COMPLEMENT Let7d\_None ESTROGEN\_RESPONSE\_EARLY Let7d\_TNFa APICAL\_JUNCTION Scramble Ator HYPOXIA Scramble\_Lova COAGULATION Scramble\_None **MYOGENESIS** Scramble\_TNFa P53\_PATHWAY -0.5 **-**KRAS\_SIGNALING UP -1.0-0.50.0 0.5 PC1: 82% variance