Let7d\_Lova\_vs\_Let7d\_TNFa PCA plot using MsigDB Hallmark with Process Category INTERFERON\_ALPHA\_RESPONSE **E2F\_TARGETS** group\_drug INTERFERON\_GAMMA\_RESPONSE Let7d Ator **G2M\_CHECKPOINT** Let7d\_Lova Let7d\_None MYC\_TARGETS\_V2 0.5 -Let7d\_TNFa **SPERMATOGENESIS** Scramble Ator Scramble\_Lova C2: 13% variance Scramble\_None ALLOGRAFT\_REJECTION MYC TARGETS\_V1 Scramble\_TNFa IL6\_JAK\_STAT3\_SIGI INFLAMMATORY\_RESPONSE MITOTIC\_SPINDLE Process\_Category **UV RESPONSE UP** DNA\_REPAIR TNFA\_SIGNALING\_VIA\_NFKB development **GLYCOLYSIS** OXIDATIVE PHOSPHORYLATION DNA\_damage COMPLEMENT M N MTORC1\_SIGNALING 0.0 immune **APOPTOSIS** XENOBIOTIC\_METABOLISM metabolic **HEDGEHOG\_SIGNALING** IL2\_STAT5\_SIGNALING other **HYPOXIA** pathway ESTROGEN\_RESPONSE\_EARLY TGF\_BETA\_SIGNALING proliferation BILE\_ACID\_METABOLISM ANDROGEN\_RESPONSE signaling **COAGULATION** KRAS\_SIGNALING\_UP P53 PATHWAY CHOLESTEROL\_HOMEOSTASIS -1.0-0.50.0 0.5 PC1: 86% variance