-0.762(0.015) 6.55e-05 3.10e-04 -0.752(0.017) 6.55e-05 3.10e-04 -0.742(0.022) 6.55e-05 3.10e-04 -0.741(0.014) 6.55e-05 3.10e-04 -0.737(0.026) 6.55e-05 3.10e-04 -0.711(0.028) 6.55e-05 3.10e-04 -0.697(0.009) 6.55e-05 3.10e-04 -0.695(0.015) 6.55e-05 3.10e-04 -0.693(0.010) 6.55e-05 3.10e-04 -0.672(0.028) 6.55e-05 3.10e-04 -0.671(0.009) 6.55e-05 3.10e-04 -0.665(0.024) 6.55e-05 3.10e-04 3.10e-04 -0.663(0.028) 6.55e-05 -0.659(0.020) 6.55e-05 3.10e-04 -0.658(0.014) 6.55e-05 3.10e-04 -0.657(0.018) 6.55e-05 3.10e-04 -0.655(0.002) 6.55e-05 3.10e-04 -0.654(0.018) 6.55e-05 3.10e-04 -0.646(0.029) 6.55e-05 3.10e-04 -0.638(0.012) 6.55e-05 3.10e-04 0.730(0.008) 6.55e-05 1.29e-04 0.731(0.021) 6.55e-05 1.29e-04 0.731(0.028) 6.55e-05 1.29e-04 0.734(0.004) 6.55e-05 1.29e-04 0.736(0.013) 6.55e-05 1.29e-04 1.29e-04 0.738(0.016) 6.55e-05 0.744(0.022) 6.55e-05 1.29e-04 0.748(0.017) 6.55e-05 1.29e-04 0.753(0.019) 6.55e-05 1.29e-04 0.755(0.016) 6.55e-05 1.29e-04 0.759(0.010) 6.55e-05 1.29e-04 0.759(0.021) 6.55e-05 1.29e-04 0.763(0.027) 6.55e-05 1.29e-04 0.765(0.017) 6.55e-05 1.29e-04 0.771(0.011) 6.55e-05 1.29e-04 0.774(0.020) 6.55e-05 1.29e-04 0.779(0.016) 6.55e-05 1.29e-04 0.782(0.019) 6.55e-05 1.29e-04 0.783(0.034) 1.29e-04 6.55e-05 C7 vs Pathway Expression P-val **FDR** $IC(\Delta)$ **C7** 0.794(0.017) 6.55e-05 1.29e-04 SENESE_HDAC2_TARGETS_UP SENESE_HDAC1_TARGETS_UP -BROWNE_HCMV_INFECTION_2HR_DN XU_HGF_SIGNALING_NOT_VIA_AKT1_6HR SENESE_HDAC1_AND_HDAC2_TARGETS_UP AMIT_EGF_RESPONSE_480_HELA -BMI1_DN_MEL18_DN.V1 -AMIT_EGF_RESPONSE_480_MCF10A -MEL18_DN.V1 KIM_WT1_TARGETS_12HR_DN AMIT_EGF_RESPONSE_240_HELA HUANG_DASATINIB_RESISTANCE XU_HGF_SIGNALING_NOT_VIA_AKT1_48HR_UP HUANG_DASATINIB_RESISTANCE_UP KRAS.DF.V1_UP PEDERSEN_TARGETS_OF_611CTF_ISOFORM_OF_ERBB2 -NIELSEN_LEIOMYOSARCOMA FULCHER_INFLAMMATORY_RESPONSE_LECTIN_VS_LPS_UP BMI1_DN.V1 ${\bf ZHANG_ANTIVIRAL_RESPONSE_TO_RIBAVIRIN_DN}$ BROWNE_HCMV_INFECTION_10HR **GUENTHER_GROWTH_SPHERICAL_VS_ADHERENT** LEE_LIVER_CANCER_SURVIVAL BROWNE_HCMV_INFECTION_8HR RICKMAN_TUMOR_DIFFERENTIATED_WELL_VS_POORLY ESC_V6.5_UP_EARLY.V1 GHO_ATF5_TARGETS PETROVA_PROX1_TARGETS BROWNE_HCMV_INFECTION_14HR RIGGI_EWING_SARCOMA_PROGENITOR -RICKMAN_TUMOR_DIFFERENTIATED_WELL_VS_MODERATELY WEINMANN_ADAPTATION_TO_HYPOXIA BROWNE_HCMV_INFECTION_20HR KUNINGER_IGF1_VS_PDGFB_TARGETS SRC_UP.V1 OSADA_ASCL1_TARGETS CHARAFE_BREAST_CANCER_LUMINAL_VS_BASAL PETROVA_ENDOTHELIUM_LYMPHATIC_VS_BLOOD KOBAYASHI_EGFR_SIGNALING_6HR REN_ALVEOLAR_RHABDOMYOSARCOMA