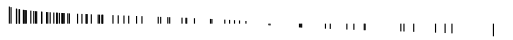
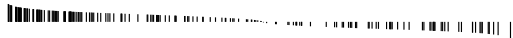

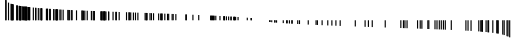

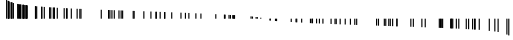
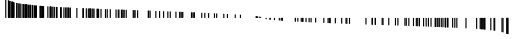
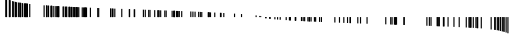
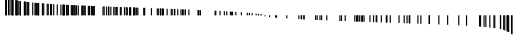

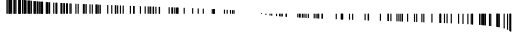
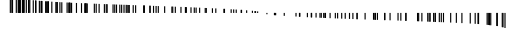
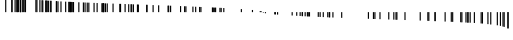

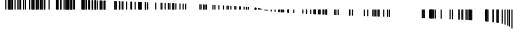

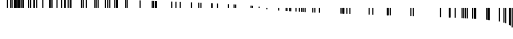
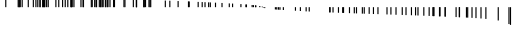
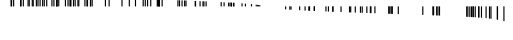
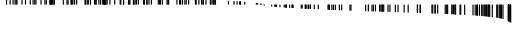


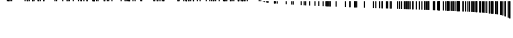
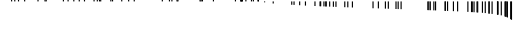





Pathway	Gene ranks	NES	pval	padj
HALLMARK_TGF_BETA_SIGNALING		2.25	2.3e-08	2.9e-07
HALLMARK_APICAL_JUNCTION		2.10	6.5e-10	1.1e-08
HALLMARK_P53_PATHWAY		1.94	6.5e-08	6.5e-07
HALLMARK_TNFA_SIGNALING_VIA_NFKB		1.94	2.0e-07	1.6e-06
HALLMARK_UV_RESPONSE_DN		1.88	5.8e-07	4.2e-06
HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION		1.87	1.3e-05	5.9e-05
HALLMARK_IL2_STAT5_SIGNALING		1.83	2.2e-06	1.2e-05
HALLMARK_ESTROGEN_RESPONSE_EARLY		1.79	1.0e-05	5.2e-05
HALLMARK_HYPOXIA		1.75	1.5e-05	6.2e-05
HALLMARK_PROTEIN_SECRETION		1.68	8.9e-04	3.0e-03
HALLMARK_KRAS_SIGNALING_UP		1.65	1.4e-04	5.3e-04
HALLMARK_APOPTOSIS		1.60	9.4e-04	3.0e-03
HALLMARK_INFLAMMATORY_RESPONSE		1.59	1.8e-03	4.7e-03
HALLMARK_COMPLEMENT		1.54	1.3e-03	3.7e-03
HALLMARK_HEME_METABOLISM		1.49	3.7e-03	8.9e-03
HALLMARK_MYOGENESIS		1.48	5.9e-03	1.3e-02
HALLMARK_COAGULATION		1.46	1.7e-02	3.5e-02
HALLMARK_PI3K_AKT_MTOR_SIGNALING		1.45	1.1e-02	2.4e-02
HALLMARK_ANDROGEN_RESPONSE		1.39	2.2e-02	4.0e-02
HALLMARK_INTERFERON_GAMMA_RESPONSE		-1.34	1.5e-02	3.0e-02
HALLMARK_KRAS_SIGNALING_DN		-1.36	2.2e-02	4.0e-02
HALLMARK_MYC_TARGETS_V1		-1.45	2.2e-03	5.5e-03
HALLMARK_ADIPOGENESIS		-1.46	1.6e-03	4.4e-03
HALLMARK_BILE_ACID_METABOLISM		-1.70	6.8e-04	2.4e-03
HALLMARK_G2M_CHECKPOINT		-1.77	8.2e-07	5.1e-06
HALLMARK_E2F_TARGETS		-2.16	1.0e-10	2.5e-09
HALLMARK_OXIDATIVE_PHOSPHORYLATION		-2.49	1.0e-10	2.5e-09

