

NAME	SIZE	ES	NES	NOM p-val	FDR q-val	FWER p-val	RANK AT MAX	LEADING EDGE
HALLMARK_EPITHELIAL_MESENCHYMAL_TRANSITION	190	0.740248	2.461126	0	0	0	2017	tags=37%, list=6%, signal=40%
HALLMARK_UV_RESPONSE_DN	141	0.683672	2.207074	0	0	0	3597	tags=35%, list=11%, signal=40%
HALLMARK_APICAL_SURFACE	44	0.742512	1.978215	0	0	0	4138	tags=45%, list=13%, signal=52%
HALLMARK_ANGIOGENESIS	34	0.762732	1.970397	0	0	0	2794	tags=38%, list=9%, signal=42%
HALLMARK_APICAL_JUNCTION	191	0.556968	1.874511	0	6.87E-04	0.003	6122	tags=46%, list=20%, signal=56%
HALLMARK_ALLOGRAFT_REJECTION	180	0.55448	1.835891	0	9.26E-04	0.005	3442	tags=26%, list=11%, signal=29%
HALLMARK_COMPLEMENT	178	0.542651	1.80276	0	0.001278	0.008	4341	tags=32%, list=14%, signal=37%
HALLMARK_MITOTIC_SPINDLE	194	0.495828	1.659241	0	0.007736	0.052	5540	tags=39%, list=18%, signal=47%
HALLMARK_TGF_BETA_SIGNALING	54	0.581884	1.629837	0.008928572	0.008567	0.064	5052	tags=41%, list=16%, signal=48%
HALLMARK_KRAS_SIGNALING_UP	187	0.484069	1.601134	0	0.010093	0.085	3944	tags=29%, list=13%, signal=33%
HALLMARK_HYPOXIA	192	0.477815	1.589467	0.001557632	0.010281	0.095	3088	tags=28%, list=10%, signal=30%
HALLMARK_ESTROGEN_RESPONSE_EARLY	192	0.471128	1.564385	0	0.013429	0.135	4552	tags=31%, list=15%, signal=36%
HALLMARK_IL6_JAK_STAT3_SIGNALING	84	0.519795	1.554589	0.006734007	0.014243	0.154	2782	tags=23%, list=9%, signal=25%
HALLMARK_NOTCH_SIGNALING	31	0.596461	1.529241	0.024118738	0.016389	0.186	3664	tags=35%, list=12%, signal=40%
HALLMARK_MYOGENESIS	192	0.450664	1.496211	0.001574803	0.02156	0.248	3366	tags=21%, list=11%, signal=23%
HALLMARK_IL2_STAT5_SIGNALING	194	0.445494	1.494408	0.00152439	0.020544	0.252	3494	tags=25%, list=11%, signal=28%
HALLMARK_ESTROGEN_RESPONSE_LATE	185	0.448604	1.474776	0.006420546	0.023735	0.303	4552	tags=33%, list=15%, signal=38%
HALLMARK_COAGULATION	127	0.461042	1.460545	0.01633987	0.026725	0.35	2601	tags=20%, list=8%, signal=22%
HALLMARK_INFLAMMATORY_RESPONSE	187	0.436969	1.455918	0.005970149	0.026342	0.365	3466	tags=23%, list=11%, signal=26%
HALLMARK_GLYCOLYSIS	190	0.434743	1.444143	0.004792332	0.028073	0.41	2614	tags=24%, list=8%, signal=26%
HALLMARK_ADIPOGENESIS	196	0.411274	1.378431	0.007961784	0.050193	0.623	4005	tags=23%, list=13%, signal=27%
HALLMARK_CHOLESTEROL_HOMEOSTASIS	68	0.460408	1.35071	0.052721087	0.061734	0.71	4005	tags=24%, list=13%, signal=27%
HALLMARK_ANDROGEN_RESPONSE	96	0.435144	1.339927	0.04786325	0.065475	0.744	4467	tags=27%, list=14%, signal=31%
HALLMARK_TNFA_SIGNALING_VIA_NFKB	195	0.399056	1.320449	0.036253776	0.074854	0.807	3436	tags=23%, list=11%, signal=25%
HALLMARK_APOPTOSIS	154	0.397608	1.302786	0.05351682	0.083846	0.849	3576	tags=23%, list=11%, signal=26%
HALLMARK_INTERFERON_GAMMA_RESPONSE	184	0.39202	1.291657	0.049284577	0.088772	0.881	4709	tags=32%, list=15%, signal=37%
HALLMARK_HEDGEHOG_SIGNALING	34	0.466371	1.213141	0.21678321	0.160514	0.979	4625	tags=32%, list=15%, signal=38%
HALLMARK_SPERMATOGENESIS	121	0.368668	1.159522	0.17821783	0.229341	0.998	4435	tags=25%, list=14%, signal=29%
HALLMARK_PI3K_AKT_MTOR_SIGNALING	103	0.354626	1.085433	0.29787233	0.347378	1	3936	tags=20%, list=13%, signal=23%
HALLMARK_UNFOLDED_PROTEIN_RESPONSE	112	0.338061	1.052513	0.3631757	0.402452	1	6073	tags=36%, list=19%, signal=44%
HALLMARK_BILE_ACID_METABOLISM	110	0.333763	1.035381	0.3952756	0.424876	1	4452	tags=28%, list=14%, signal=33%
HALLMARK_PEROXISOME	95	0.330843	1.016524	0.41815236	0.452139	1	5045	tags=27%, list=16%, signal=33%
HALLMARK_UV_RESPONSE_UP	146	0.300791	0.971515	0.5	0.53992	1	4716	tags=23%, list=15%, signal=26%
HALLMARK_XENOBIOTIC_METABOLISM	186	0.288914	0.969245	0.5032051	0.529618	1	1950	tags=13%, list=6%, signal=14%
HALLMARK_MTORC1_SIGNALING	192	0.271304	0.909908	0.6869301	0.655344	1	4524	tags=20%, list=14%, signal=23%
HALLMARK_HEME_METABOLISM	181	-0.705776	-2.520401	0	0	0	2079	tags=41%, list=7%, signal=44%
HALLMARK_E2F_TARGETS	194	-0.402378	-1.436097	0.008849558	0.112048	0.25	6759	tags=39%, list=22%, signal=50%
HALLMARK_MYC_TARGETS_V2	58	-0.483633	-1.433635	0.032036614	0.07734	0.256	6555	tags=40%, list=21%, signal=50%
HALLMARK_OXIDATIVE_PHOSPHORYLATION	192	-0.387497	-1.38086	0.008064516	0.091393	0.378	6542	tags=41%, list=21%, signal=51%
HALLMARK_MYC_TARGETS_V1	198	-0.376228	-1.322379	0.018766755	0.127672	0.573	6895	tags=39%, list=22%, signal=50%
HALLMARK_REACTIVE_OXIGEN_SPECIES_PATHWAY	44	-0.45169	-1.300947	0.09512761	0.12587	0.636	1964	tags=16%, list=6%, signal=17%
HALLMARK_FATTY_ACID_METABOLISM	146	-0.377512	-1.294035	0.026954178	0.114672	0.655	5483	tags=29%, list=17%, signal=36%
HALLMARK_INTERFERON_ALPHA_RESPONSE	88	-0.383261	-1.224345	0.11566265	0.176669	0.853	4066	tags=25%, list=13%, signal=29%
HALLMARK_DNA_REPAIR	137	-0.355388	-1.207079	0.104477614	0.17956	0.881	5644	tags=31%, list=18%, signal=38%
HALLMARK_P53_PATHWAY	193	-0.342755	-1.197585	0.09064327	0.174817	0.903	2509	tags=18%, list=8%, signal=20%
HALLMARK_G2M_CHECKPOINT	196	-0.312853	-1.120742	0.16307692	0.279972	0.982	4347	tags=24%, list=14%, signal=28%
HALLMARK_KRAS_SIGNALING_DN	164	-0.317222	-1.110837	0.1904762	0.273652	0.99	2637	tags=15%, list=8%, signal=16%
HALLMARK_PROTEIN_SECRETION	94	-0.337879	-1.090285	0.27118644	0.289493	0.996	1489	tags=10%, list=5%, signal=10%
HALLMARK_WNT_BETA_CATENIN_SIGNALING	41	-0.297038	-0.834898	0.72477067	0.932246	1	3357	tags=20%, list=11%, signal=22%
HALLMARK_PANCREAS_BETA_CELLS	31	-0.268487	-0.717687	0.91058826	0.980013	1	5756	tags=23%, list=18%, signal=28%