

SUPPLEMENTARY TABLE

Supplementary Table 5. The top thirty enriched pathways of the high and low risk scores.

NAME	SIZE	NES	ES	NOM p-val	FDR q-val
KEGG_FOCAL_ADHESION	199	1.791	0.540501	0.010	0.621
KEGG_WNT_SIGNALING_PATHWAY	150	1.787	0.467608	0.008	0.325
KEGG_PROTEIN_EXPORT	24	1.715	0.626685	0.023	0.391
KEGG_BASAL_TRANSCRIPTION_FACTORS	35	1.677	0.565968	0.028	0.391
KEGG_ADHERENS_JUNCTION	73	1.677	0.500147	0.036	0.313
KEGG_TGF_BETA_SIGNALING_PATHWAY	85	1.674	0.492573	0.020	0.267
KEGG_SMALL_CELL_LUNG_CANCER	84	1.661	0.488079	0.022	0.250
KEGG_ECM_RECEPTOR_INTERACTION	84	1.659	0.584678	0.047	0.221
KEGG_ERBB_SIGNALING_PATHWAY	87	1.658	0.460301	0.024	0.197
KEGG_RENAL_CELL_CARCINOMA	70	1.650	0.456580	0.028	0.189
KEGG_REGULATION_OF_ACTIN_CYTOSKELETON	213	1.625	0.422086	0.030	0.204
KEGG_PATHWAYS_IN_CANCER	325	1.619	0.406490	0.022	0.193
KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_CHONDROITIN_SULFATE	22	1.618	0.620100	0.051	0.180
KEGG_EPITHELIAL_CELL_SIGNALING_IN_HELICOBACTER_PYLORI_INFECTION	68	1.588	0.432624	0.028	0.201
KEGG_O_GLYCAN_BIOSYNTHESIS	30	1.566	0.518195	0.047	0.214
KEGG_GAP_JUNCTION	90	1.534	0.413798	0.063	0.242
KEGG_GALACTOSE_METABOLISM	26	1.520	0.476869	0.042	0.247
KEGG_UBIQUITIN_MEDIATED_PROTEOLYSIS	134	1.512	0.414400	0.065	0.245
KEGG_NITROGEN_METABOLISM	23	1.511	0.525666	0.044	0.233
KEGG_RNA_DEGRADATION	59	1.506	0.465151	0.102	0.228
KEGG_BASAL_CELL_CARCINOMA	55	1.464	0.458399	0.079	0.272
KEGG_HEDGEHOG_SIGNALING_PATHWAY	56	1.445	0.434513	0.076	0.288
KEGG_NOD_LIKE_RECEPTOR_SIGNALING_PATHWAY	62	1.441	0.427602	0.099	0.282
KEGG_VIBRIO_CHOLERAE_INFECTION	54	1.420	0.391865	0.074	0.298
KEGG_GLIOMA	65	1.411	0.397358	0.088	0.298
KEGG_PANCREATIC_CANCER	70	1.401	0.404685	0.111	0.303
KEGG_AXON_GUIDANCE	129	1.391	0.379621	0.094	0.305
KEGG_INOSITOL_PHOSPHATE_METABOLISM	54	1.385	0.430061	0.128	0.302
KEGG_AMINOACYL_TRNA_BIOSYNTHESIS	22	1.378	0.517645	0.162	0.300
KEGG_N_GLYCAN_BIOSYNTHESIS	46	1.367	0.444909	0.128	0.305
KEGG_PRIMARY_IMMUNODEFICIENCY	35	-2.102	-0.805314	0.000	0.015
KEGG_INTESTINAL_IMMUNE_NETWORK_FOR_IGA_PRODUCTION	46	-2.047	-0.760872	0.000	0.016
KEGG_AUTOIMMUNE_THYROID_DISEASE	50	-2.021	-0.720466	0.002	0.018

KEGG_ASTHMA	28	-1.964	-0.792507	0.002	0.028
KEGG_ARACHIDONIC_ACID_METABOLISM	58	-1.916	-0.542208	0.002	0.040
KEGG_ALLOGRAFT_REJECTION	35	-1.885	-0.807991	0.004	0.046
KEGG_SYSTEMIC_LUPUS_ERYTHEMATOSUS	55	-1.813	-0.671447	0.026	0.080
KEGG_CELL_ADHESION_MOLECULES_CAMS	131	-1.797	-0.547984	0.012	0.080
KEGG_TYPE_I_DIABETES_MELLITUS	41	-1.783	-0.693100	0.028	0.081
KEGG_HEMATOPOIETIC_CELL_LINEAGE	85	-1.761	-0.568026	0.024	0.088
KEGG_NATURAL_KILLER_CELL_MEDIATED_CYTOTOXICITY	132	-1.733	-0.512719	0.016	0.103
KEGG_GRAFT_VERSUS_HOST_DISEASE	37	-1.708	-0.731792	0.047	0.115
KEGG_LEISHMANIA_INFECTION	70	-1.676	-0.553619	0.054	0.138
KEGG_FATTY_ACID_METABOLISM	42	-1.668	-0.531167	0.024	0.135
KEGG_CYTOKINE_CYTOKINE_RECEPTOR_INTERACTION	264	-1.655	-0.446398	0.033	0.139
KEGG_PARKINSONS_DISEASE	127	-1.650	-0.547933	0.053	0.134
KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION	81	-1.648	-0.565163	0.064	0.127
KEGG_ALZHEIMERS_DISEASE	165	-1.641	-0.458914	0.043	0.126
KEGG_T_CELL_RECEPTOR_SIGNALING_PATHWAY	108	-1.633	-0.493802	0.042	0.126
KEGG_PEROXISOME	78	-1.621	-0.446708	0.030	0.129
KEGG_TRYPTOPHAN_METABOLISM	39	-1.612	-0.505357	0.029	0.130
KEGG_CARDIAC_MUSCLE_CONTRACTION	78	-1.610	-0.502809	0.028	0.125
KEGG_OXIDATIVE_PHOSPHORYLATION	131	-1.607	-0.542387	0.070	0.123
KEGG_B_CELL_RECEPTOR_SIGNALING_PATHWAY	75	-1.594	-0.491494	0.048	0.128
KEGG_LINOLEIC_ACID_METABOLISM	29	-1.593	-0.533346	0.045	0.124
KEGG_BUTANOATE_METABOLISM	34	-1.590	-0.503871	0.038	0.120
KEGG_ALDOSTERONE_REGULATED_SODIUM_REABSORPTION	42	-1.586	-0.471743	0.050	0.119
KEGG_CHEMOKINE_SIGNALING_PATHWAY	188	-1.564	-0.442850	0.051	0.131
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION	43	-1.555	-0.524273	0.056	0.134
KEGG_FC_EPSILON_R1_SIGNALING_PATHWAY	79	-1.553	-0.432609	0.036	0.132