

ID	Description	GeneRatio	BgRatio
hsa05167	Kaposi sarcoma-associated herpesvirus infection	2020/5/7	186/7946
hsa04210	Apoptosis	2020/4/7	136/7946
hsa05162	Measles	2020/4/7	138/7946
hsa05161	Hepatitis B	2020/4/7	162/7946
hsa05134	Legionellosis	2020/3/7	57/7946
hsa05130	Pathogenic Escherichia coli infection	2020/4/7	202/7946
hsa05170	Human immunodeficiency virus 1 infection	2020/4/7	212/7946
hsa05163	Human cytomegalovirus infection	2020/4/7	225/7946
hsa05133	Pertussis	2020/3/7	76/7946
hsa05210	Colorectal cancer	2020/3/7	86/7946
hsa05222	Small cell lung cancer	2020/3/7	92/7946
hsa04657	IL-17 signaling pathway	2020/3/7	94/7946
hsa04010	MAPK signaling pathway	2020/4/7	295/7946
hsa04933	AGE-RAGE signaling pathway in diabetic complications	2020/3/7	100/7946
hsa04668	TNF signaling pathway	2020/3/7	112/7946
hsa05145	Toxoplasmosis	2020/3/7	112/7946
hsa04380	Osteoclast differentiation	2020/3/7	128/7946
hsa04926	Relaxin signaling pathway	2020/3/7	129/7946
hsa05418	Fluid shear stress and atherosclerosis	2020/3/7	139/7946
hsa04932	Non-alcoholic fatty liver disease (NAFLD)	2020/3/7	149/7946
hsa05160	Hepatitis C	2020/3/7	155/7946
hsa05164	Influenza A	2020/3/7	170/7946
hsa04215	Apoptosis - multiple species	2020/2/7	32/7946
hsa05152	Tuberculosis	2020/3/7	180/7946
hsa05016	Huntington disease	2020/3/7	193/7946
hsa05169	Epstein-Barr virus infection	2020/3/7	201/7946
hsa05014	Amyotrophic lateral sclerosis (ALS)	2020/2/7	51/7946
hsa05416	Viral myocarditis	2020/2/7	60/7946
hsa04917	Prolactin signaling pathway	2020/2/7	70/7946
hsa05120	Epithelial cell signaling in Helicobacter pylori infection	2020/2/7	70/7946
hsa04115	p53 signaling pathway	2020/2/7	72/7946
hsa01524	Platinum drug resistance	2020/2/7	73/7946
hsa05212	Pancreatic cancer	2020/2/7	76/7946
hsa05140	Leishmaniasis	2020/2/7	77/7946
hsa05132	Salmonella infection	2020/2/7	80/7946
hsa04662	B cell receptor signaling pathway	2020/2/7	82/7946
hsa05165	Human papillomavirus infection	2020/3/7	330/7946
hsa04211	Longevity regulating pathway	2020/2/7	89/7946
hsa05235	PD-L1 expression and PD-1 checkpoint pathway in cancer	2020/2/7	89/7946
hsa04658	Th1 and Th2 cell differentiation	2020/2/7	92/7946
hsa05323	Rheumatoid arthritis	2020/2/7	93/7946
hsa05142	Chagas disease (American trypanosomiasis)	2020/2/7	102/7946
hsa05146	Amoebiasis	2020/2/7	102/7946
hsa04620	Toll-like receptor signaling pathway	2020/2/7	104/7946
hsa04660	T cell receptor signaling pathway	2020/2/7	104/7946
hsa04659	Th17 cell differentiation	2020/2/7	107/7946
hsa04066	HIF-1 signaling pathway	2020/2/7	109/7946
hsa05135	Yersinia infection	2020/2/7	120/7946
hsa04915	Estrogen signaling pathway	2020/2/7	138/7946
hsa05012	Parkinson disease	2020/2/7	142/7946
hsa05224	Breast cancer	2020/2/7	147/7946
hsa05168	Herpes simplex virus 1 infection	2020/3/7	491/7946
hsa05010	Alzheimer disease	2020/2/7	171/7946
hsa05202	Transcriptional misregulation in cancer	2020/2/7	186/7946
hsa05203	Viral carcinogenesis	2020/2/7	201/7946
hsa05205	Proteoglycans in cancer	2020/2/7	204/7946
hsa04024	cAMP signaling pathway	2020/2/7	216/7946

hsa05166	Human T-cell leukemia virus 1 infection	2020/2/7	219/7946
hsa04014	Ras signaling pathway	2020/2/7	232/7946
hsa05131	Shigellosis	2020/2/7	236/7946
hsa01523	Antifolate resistance	2020/1/7	31/7946
hsa05206	MicroRNAs in cancer	2020/2/7	310/7946

pvalue	p.adjust	qvalue	geneID	Count
1.35E-07	1.39E-05	5.25E-06	2353/836/54205/5970/7422	5
2.76E-06	1.01E-04	3.80E-05	2353/836/54205/5970	4
2.93E-06	1.01E-04	3.80E-05	2353/836/54205/5970	4
5.56E-06	1.43E-04	5.41E-05	2353/836/54205/5970	4
1.20E-05	2.29E-04	8.68E-05	836/54205/5970	3
1.34E-05	2.29E-04	8.68E-05	2353/836/54205/5970	4
1.62E-05	2.38E-04	9.01E-05	2353/836/54205/5970	4
2.05E-05	2.64E-04	9.98E-05	836/54205/5970/7422	4
2.86E-05	3.28E-04	1.24E-04	2353/836/5970	3
4.15E-05	4.28E-04	1.62E-04	2353/836/54205	3
5.08E-05	4.65E-04	1.76E-04	836/54205/5970	3
5.42E-05	4.65E-04	1.76E-04	2353/836/5970	3
5.96E-05	4.72E-04	1.79E-04	2353/836/5970/7422	4
6.53E-05	4.80E-04	1.82E-04	836/5970/7422	3
9.16E-05	5.89E-04	2.23E-04	2353/836/5970	3
9.16E-05	5.89E-04	2.23E-04	836/54205/5970	3
1.36E-04	7.98E-04	3.02E-04	2353/5468/5970	3
1.40E-04	7.98E-04	3.02E-04	2353/5970/7422	3
1.74E-04	9.44E-04	3.57E-04	2353/5970/7422	3
2.14E-04	1.10E-03	4.17E-04	836/54205/5970	3
2.41E-04	1.18E-03	4.46E-04	836/54205/5970	3
3.16E-04	1.46E-03	5.52E-04	836/54205/5970	3
3.26E-04	1.46E-03	5.52E-04	836/54205	2
3.74E-04	1.61E-03	6.07E-04	836/54205/5970	3
4.59E-04	1.89E-03	7.16E-04	836/5468/54205	3
5.18E-04	2.05E-03	7.76E-04	836/54205/5970	3
8.31E-04	3.17E-03	1.20E-03	836/54205	2
1.15E-03	4.23E-03	1.60E-03	836/54205	2
1.56E-03	5.36E-03	2.03E-03	2353/5970	2
1.56E-03	5.36E-03	2.03E-03	836/5970	2
1.65E-03	5.46E-03	2.07E-03	836/54205	2
1.70E-03	5.46E-03	2.07E-03	836/54205	2
1.84E-03	5.71E-03	2.16E-03	5970/7422	2
1.89E-03	5.71E-03	2.16E-03	2353/5970	2
2.03E-03	5.99E-03	2.26E-03	2353/5970	2
2.14E-03	6.11E-03	2.31E-03	2353/5970	2
2.19E-03	6.11E-03	2.31E-03	836/5970/7422	3
2.51E-03	6.63E-03	2.51E-03	5468/5970	2
2.51E-03	6.63E-03	2.51E-03	2353/5970	2
2.68E-03	6.88E-03	2.60E-03	2353/5970	2
2.74E-03	6.88E-03	2.60E-03	2353/7422	2
3.29E-03	7.81E-03	2.95E-03	2353/5970	2
3.29E-03	7.81E-03	2.95E-03	836/5970	2
3.41E-03	7.81E-03	2.95E-03	2353/5970	2
3.41E-03	7.81E-03	2.95E-03	2353/5970	2
3.61E-03	8.08E-03	3.06E-03	2353/5970	2
3.74E-03	8.20E-03	3.10E-03	5970/7422	2
4.52E-03	9.70E-03	3.67E-03	2353/5970	2
5.94E-03	1.25E-02	4.72E-03	2353/5241	2
6.28E-03	1.29E-02	4.89E-03	836/54205	2
6.72E-03	1.35E-02	5.10E-03	2353/5241	2
6.80E-03	1.35E-02	5.10E-03	836/54205/5970	3
9.01E-03	1.75E-02	6.62E-03	836/54205	2
1.06E-02	2.02E-02	7.64E-03	5468/5970	2
1.23E-02	2.30E-02	8.71E-03	836/5970	2
1.27E-02	2.33E-02	8.80E-03	836/7422	2
1.41E-02	2.55E-02	9.64E-03	2353/5970	2

1.45E-02	2.57E-02	9.73E-03	2353/5970	2
1.62E-02	2.82E-02	1.07E-02	5970/7422	2
1.67E-02	2.87E-02	1.08E-02	54205/5970	2
2.70E-02	4.56E-02	1.72E-02	5970	1
2.80E-02	4.65E-02	1.76E-02	836/7422	2
