

Category	Term	Count	PValue	Benjamini	Genes
KEGG_PATHWAY	Apoptosis	16	1.81E-03	0.34	5534, 596, 8795, 4792, 8743, 4790, 8717, 841, 5530, 4791, 331, 472, 5567, 4615, 8793, 8837,
KEGG_PATHWAY	Toll-like receptor signaling pathway	18	1.96E-03	0.2	3454, 23118, 23643, 114609, 5594, 3725, 4792, 4790, 3665, 841, 51284, 6772, 3455, 4791, 6373, 4615, 54106, 7096,
KEGG_PATHWAY	Leukocyte transendothelial migration	19	2.20E-03	0.16	4478, 10451, 81, 58494, 29895, 3676, 3383, 4688, 51208, 10627, 394, 1495, 3684, 50848, 83593, 6093, 1500, 4267, 90952,
KEGG_PATHWAY	Jak-STAT signaling pathway	23	2.65E-03	0.14	3454, 1154, 894, 10252, 3459, 3587, 5777, 9063, 3588, 6774, 3575, 3570, 6772, 6776, 3455, 3718, 81848, 3594, 23529, 3561, 1438, 3597, 4609,
BIOCARTA	Rho cell motility signaling pathway	8	4.31E-03	0.75	394, 6714, 1729, 4660, 9138, 392, 7094, 2934,
KEGG_PATHWAY	Epithelial cell signaling in Helicobacter pylori infection	13	5.74E-03	0.23	535, 58494, 6714, 3725, 4792, 4790, 51606, 2919, 8992, 4067, 4791, 10392, 50848,
KEGG_PATHWAY	MAPK signaling pathway	32	6.87E-03	0.23	23118, 6237, 5594, 5922, 4790, 4215, 1847, 4217, 4197, 3727, 10369, 1843, 782, 9175, 4609, 5534, 5607, 1846, 3725, 409, 6789, 7048, 5530, 5613, 4791, 4208, 1849, 9252, 5495, 5567, 1848, 7867,
KEGG_PATHWAY	B cell receptor signaling pathway	12	6.90E-03	0.2	10451, 5534, 3635, 5530, 971, 4067, 4791, 4792, 3725, 4790, 4794, 5777,
KEGG_PATHWAY	Adherens junction	13	1.01E-02	0.25	81, 7525, 51176, 5818, 5770, 5594, 6714, 5777, 7048, 1495, 10163, 6934, 1500,
BIOCARTA	Neuropeptides VIP and PACAP inhibit the apoptosis of activated T cells	6	1.04E-02	0.82	1960, 5530, 2776, 4792, 4790, 4609,
KEGG_PATHWAY	Circadian rhythm	5	1.42E-02	0.31	1407, 9575, 79365, 406, 4862,
BIOCARTA	Toll-Like Receptor Pathway	9	1.77E-02	0.86	23118, 51284, 23643, 114609, 4792, 3725, 4790, 4615, 54106,
KEGG_PATHWAY	Adipocytokine signaling pathway	12	2.26E-02	0.41	2181, 6774, 3718, 2180, 7133, 4791, 4792, 4790, 4794, 5106, 5562, 8717,
KEGG_PATHWAY	Acute myeloid leukemia	10	2.31E-02	0.39	6774, 6776, 51176, 5594, 5914, 4791, 4790, 6934, 5467, 4609,
KEGG_PATHWAY	Wnt signaling pathway	19	3.01E-02	0.44	8312, 5534, 894, 51176, 80319, 8325, 5330, 8322, 3725, 4040, 5530, 5613, 817, 6477, 6934, 5567, 5467, 6093, 4609,
BIOCARTA	MAPKinase Signaling Pathway	14	3.39E-02	0.94	5594, 5607, 4205, 3725, 4792, 4790, 4215, 8717, 4217, 4296, 9252, 9175, 7867, 4609,
BIOCARTA	IL-7 Signal Transduction	5	3.83E-02	0.92	3575, 6776, 3718, 596, 3561,
BIOCARTA	Induction of apoptosis through DR3 and DR4/5 Death Receptors	7	3.86E-02	0.88	841, 596, 4792, 8743, 4790, 8717, 8837,
BIOCARTA	Ceramide Signaling Pathway	6	4.42E-02	0.84	841, 5594, 596, 4790, 6609, 8717,
BIOCARTA	Erk and PI-3 Kinase Are Necessary for Collagen Binding in Corneal Epithelia	6	4.42E-02	0.84	5594, 394, 6714, 1729, 7094, 2934,
PANTHER_PATHWAY	Apoptosis_signaling_pathway	7	4.65E-02	0.98	4217, 7133, 4792, 3725, 8743, 331, 8837,
BIOCARTA	IL22 Soluble Receptor Signaling Pathway	4	4.76E-02	0.83	6774, 6776, 3718, 3587,
BIOCARTA	Cadmium induces DNA synthesis and proliferation in macrophages	5	4.85E-02	0.8	5594, 4792, 3725, 4790, 4609,