

IDs	Names	Score		Rank	
		SIM	FRQ	SIM	FRQ
4151	PI3K-Akt signaling pathway	8.59	8.31	1	1
4630	Jak-STAT signaling pathway	8.31	5.41	2	5
4152	AMPK signaling pathway	8.22	7.57	3	2
4350	TGF-beta signaling pathway	7.39	5.38	4	6
4012	ErbB signaling pathway	7.26	5.04	5	12
4550	Signaling pathways regulating pluripotency of stem cells	7.12	5.20	6	10
4921	Oxytocin signaling pathway	7.08	5.36	7	7
4510	Focal adhesion	7.05	7.00	8	3
4915	Estrogen signaling pathway	6.80	4.13	9	30
4917	Prolactin signaling pathway	6.68	4.14	10	29
4062	Chemokine signaling pathway	6.48	4.38	11	21
4024	cAMP signaling pathway	6.38	4.13	12	31
4014	Ras signaling pathway	6.30	4.10	13	33
4010	MAPK signaling pathway	6.09	3.87	14	38
4022	cGMP-PKG signaling pathway	5.96	4.43	15	20
4722	Neurotrophin signaling pathway	5.95	5.07	16	11
4930	Type II diabetes mellitus	5.87	4.92	17	13
4932	Non-alcoholic fatty liver disease (NAFLD)	5.83	4.85	18	15
4060	Cytokine-cytokine receptor interaction	5.77	5.64	19	4
4725	Cholinergic synapse	5.76	3.15	20	58
4919	Thyroid hormone signaling pathway	5.73	4.36	21	22
4015	Rap1 signaling pathway	5.73	4.31	22	24
4620	Toll-like receptor signaling pathway	5.56	4.01	23	35
4310	Wnt signaling pathway	5.53	3.22	24	55
4110	Cell cycle	5.42	3.32	25	54
4662	B cell receptor signaling pathway	5.34	4.46	26	19
4066	HIF-1 signaling pathway	5.32	3.94	27	37
830	Retinol metabolism	5.30	5.36	28	9
4150	mTOR signaling pathway	5.10	4.60	29	18
4611	Platelet activation	5.03	3.55	30	46
4920	Adipocytokine signaling pathway	5.01	4.65	31	17
3320	PPAR signaling pathway	4.95	4.77	32	16
4666	Fc gamma R-mediated phagocytosis	4.92	4.21	33	27
982	Drug metabolism - cytochrome P450	4.81	4.90	34	14
4390	Hippo signaling pathway	4.78	4.11	35	32
4610	Complement and coagulation cascades	4.70	5.36	36	8
4910	Insulin signaling pathway	4.67	3.67	37	42
350	Tyrosine metabolism	4.61	4.27	38	26
4660	T cell receptor signaling pathway	4.60	3.47	39	50
4261	Adrenergic signaling in cardiomyocytes	4.58	3.48	40	49
4916	Melanogenesis	4.57	2.73	41	70
4068	FoxO signaling pathway	4.54	3.62	42	44
4668	TNF signaling pathway	4.52	3.83	43	40
140	Steroid hormone biosynthesis	4.51	4.17	44	28
983	Drug metabolism - other enzymes	4.49	3.87	45	39
4380	Osteoclast differentiation	4.44	3.62	46	45
4512	ECM-receptor interaction	4.35	4.33	47	23
4750	Inflammatory mediator regulation of TRP channels	4.29	3.15	48	59
40	Pentose and glucuronate interconversions	4.26	3.96	49	36
4210	Apoptosis	4.24	4.27	50	25