Pathway	Gene ranks	NES	pval	padj
KEGG_GLYCOSPHINGOLIPID_BIOSYNTHESIS_GANGLIO_SERIES		1.41	6.5e-02	6.6e-01
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION		1.81	5.0e-03	2.3e-01
KEGG_ASTHMA	THE TOTAL COMPANY OF THE STREET	1.40	8.7e-02	6.9e-01
KEGG_PROPANOATE_METABOLISM		1.46	4.3e-02	5.6e-01
KEGG_ANTIGEN_PROCESSING_AND_PRESENTATION		1.59	9.8e-03	2.4e-01
KEGG_BUTANOATE_METABOLISM		1.45	4.5e-02	5.6e-01
KEGG_NOTCH_SIGNALING_PATHWAY	IIII	1.51	2.0e-02	3.5e-01
KEGG_ECM_RECEPTOR_INTERACTION	MITH THE COLUMN TO THE TEXT OF THE COLUMN TO THE COLUMN TO THE COLUMN THE COL	1.57	7.9e-03	2.3e-01
KEGG_RIG_I_LIKE_RECEPTOR_SIGNALING_PATHWAY		1.34	6.8e-02	6.6e-01
KEGG_PEROXISOME		1.28	8.7e-02	6.9e-01
KEGG_LYSOSOME		1.23	8.7e-02	6.9e-01
KEGG_MAPK_SIGNALING_PATHWAY		-1.24	6.6e-02	6.6e-01
KEGG_AXON_GUIDANCE	Marining and the control of the cont	-1.59	1.5e-03	1.4e-01
KEGG_ARACHIDONIC_ACID_METABOLISM		-1.41	6.5e-02	6.6e-01
KEGG_HEDGEHOG_SIGNALING_PATHWAY		-1.46	4.4e-02	5.6e-01
KEGG_BLADDER_CANCER		-1.51	2.5e-02	4.0e-01
KEGG_P53_SIGNALING_PATHWAY		-1.59	6.5e-03	2.3e-01
KEGG_TIGHT_JUNCTION		-1.71	1.6e-03	1.4e-01
KEGG_GLUTATHIONE_METABOLISM		-1.56	2.0e-02	3.5e-01
KEGG_AMYOTROPHIC_LATERAL_SCLEROSIS_ALS		-1.62	6.7e-03	2.3e-01
KEGG_SELENOAMINO_ACID_METABOLISM		-1.61	2.0e-02	3.5e-01
	0 1000 2000 3000 4000			

Pathway	Gene ranks	NES	pval	padj
MOUSECYC_MM_PWY3DJ-0_ISOLEUCINE_DEGRADATION		1.76	4.3e-03	7.6e-02
MOUSECYC_MM_PWY3DJ-86_VALINE_DEGRADATION		1.65	1.1e-02	7.9e-02
MOUSECYC_MM_FAO-PWY_FATTY_ACID_BETA_OXIDATION_I		1.40	7.8e-02	4.3e-01
MOUSECYC_MM_PWY-5136_FATTY_ACID_BETA_OXIDATION_II_CORE_PATHWAY		1.30	1.3e-01	5.9e-01
MOUSECYC_MM_PWY3DJ-1574_TCA_CYCLE_AND_MALATE_ASPARTATE_SHUTTLE_SUPERPATHWAY		0.91	5.9e-01	1.0e+00
MOUSECYC_MM_PWY3DJ-1_CYCLIC_AMP_BIOSYNTHESIS		0.90	6.2e-01	1.0e+00
MOUSECYC_MM_LIPASYN-PWY_PHOSPHOLIPASES		0.64	9.6e-01	1.0e+00
MOUSECYC_MM_PWY-3781_AEROBIC_RESPIRATIONELECTRON_DONOR_II		0.48	1.0e+00	1.0e+00
MOUSECYC_MM_PWY-4302_AEROBIC_RESPIRATIONELECTRON_DONOR_III		-0.42	1.0e+00	1.0e+00
MOUSECYC_MM_PWY0-1334_NADH_TO_CYTOCHROME_I-BD-I_OXIDASE_ELECTRON_TRANSFER		-0.48	1.0e+00	1.0e+00
MOUSECYC_MM_PWY0-1335_NADH_TO_CYTOCHROME_I-BO-I_OXIDASE_ELECTRON_TRANSFER		-0.48	1.0e+00	1.0e+00
MOUSECYC_MM_GLYCOLYSIS_GLYCOLYSIS_I	t ti i i i i i i i i i i i i i i i i i	-0.50	9.8e-01	1.0e+00
MOUSECYC_MM_PHOSLIPSYN-PWY_PHOSPHOLIPID_BIOSYNTHESIS_I	The state of the s	-0.63	9.3e-01	1.0e+00
MOUSECYC_MM_PWY-4061_GLUTATHIONE-MEDIATED_DETOXIFICATION		-0.76	8.3e-01	1.0e+00
MOUSECYC_MM_TRNA-CHARGING-PWY_TRNA_CHARGING_PATHWAY		-0.89	6.2e-01	1.0e+00
MOUSECYC_MM_PWY-5044_PURINE_DEGRADATION_I_AEROBIC		-0.82	7.0e-01	1.0e+00
MOUSECYC_MM_PWY-6353_PURINE_NUCLEOTIDES_DEGRADATION_II_AEROBIC		-0.83	6.8e-01	1.0e+00
MOUSECYC_MM_PWY-6352_3-PHOSPHOINOSITIDE_BIOSYNTHESIS		-0.88	6.3e-01	1.0e+00
MOUSECYC_MM_PWY-5328_SUPERPATHWAY_OF_METHIONINE_DEGRADATION		-0.93	5.7e-01	1.0e+00
MOUSECYC_MM_PWY-6351_D-I-MYO-I-INOSITOL_1-4-5-TRISPHOSPHATE_BIOSYNTHESIS		-0.99	4.8e-01	1.0e+00
MOUSECYC_MM_P1-PWY_SALVAGE_PATHWAYS_OF_PURINE_AND_PYRIMIDINE_NUCLEOTIDES	The transfer of the transfer o	-1.22	1.9e-01	7.1e-01
MOUSECYC_MM_PWY3DJ-213_TARGETED_PROTEIN_DEGRADATION		-1.73	6.9e-03	7.6e-02
	0 250 500 750			

Pathway	Gene ranks	NES	pval	padj
INOH_MM_BUTANOATE_METABOLISM	Hitarian markaran kan sa markaran markaran markaran mengantan mengantan mengantan mengantan mengantan menganta	1.68	9.7e-03	3.3e-01
INOH_MM_VALINE_LEUCINE_ISOLEUCINE_DEGRADATION		1.62	7.8e-03	3.3e-01
INOH_MM_PROPANOATE_METABOLISM		1.31	1.3e-01	6.0e-01
INOH_MM_JAK_STAT_MOLECULARVARIATION_2	Militia	1.44	3.9e-02	3.7e-01
INOH_MM_CITRATE_CYCLE	III in a mark was some some and a market	1.21	2.1e-01	6.4e-01
INOH_MM_TYROSINE_METABOLISM	II transcriber of the second o	1.10	3.4e-01	7.5e-01
INOH_MM_INTEGRIN	11111111111111111	1.39	1.7e-02	3.7e-01
INOH_MM_JAK_STAT_MOLECULARVARIATION_1		1.22	1.5e-01	6.3e-01
INOH_MM_LYSINE_DEGRADATION	11	0.97	4.8e-01	7.5e-01
INOH_MM_NICOTINATE_NICOTINAMIDE_METABOLISM	H i i i i i i i i i i i i i i i i i i i	0.91	5.7e-01	7.5e-01
INOH_MM_TLR_ECSIT_MEKK1_JNK	I I III i ii	0.93	5.6e-01	7.5e-01
INOH_MM_TRYPTOPHAN_DEGRADATION	Him	0.98	4.8e-01	7.5e-01
INOH_MM_VEGF		-1.20	1.2e-01	6.0e-01
INOH_MM_GPCR_SIGNALING-G_ALPHA_S_EPAC_AND_ERK		-1.32	4.1e-02	3.7e-01
INOH_MM_GPCR_SIGNALING-G_ALPHA_Q		-1.32	4.6e-02	3.7e-01
INOH_MM_GPCR_SIGNALING-G_ALPHA_I		-1.32	5.5e-02	3.7e-01
INOH_MM_GPCR_SIGNALING-PERTUSSIS_TOXIN		-1.32	5.5e-02	3.7e-01
INOH_MM_GPCR_SIGNALING-CHOLERA_TOXIN		-1.36	3.5e-02	3.7e-01
INOH_MM_GPCR_SIGNALING-G_ALPHA_S_PKA_AND_ERK		-1.38	2.4e-02	3.7e-01
INOH_MM_TNF		-1.40	6.0e-02	3.7e-01
INOH_MM_GLUTAMATE_GLUTAMINE_METABOLISM		-1.44	8.8e-02	4.7e-01
INOH_MM_FAS		-1.44	8.8e-02	4.7e-01
	0 300 600 900 1200			

Pathway	Gene ranks	NES	pval	padj
WIKIPATHWAYS_MM_INFLAMMATORY_RESPONSE_PATHWAY-WP453	MICE CONTRACTOR OF THE CONTRAC	1.66	1.2e-02	6.0e-01
WIKIPATHWAYS_MM_NOTCH_SIGNALING_PATHWAY-WP268	Thurs in the most of the second secon	1.48	2.6e-02	6.0e-01
WIKIPATHWAYS_MM_MITOCHONDRIAL_LC-FATTY_ACID_BETA-OXIDATION-WP368	The first of the control of the cont	1.22	2.0e-01	6.0e-01
WIKIPATHWAYS_MM_ONE_CARBON_METABOLISM-WP241	The first of the control of the cont	1.27	1.6e-01	6.0e-01
WIKIPATHWAYS_MM_FATTY_ACID_BIOSYNTHESIS-WP357		1.25	1.7e-01	6.0e-01
WIKIPATHWAYS_MM_TYPE_II_INTERFERON_SIGNALING_IFNG-WP619	Lagrangia de como escribira de la compansión de la compan	1.32	1.2e-01	6.0e-01
WIKIPATHWAYS_MM_G13_SIGNALING_PATHWAY-WP524	I distribution of the control of the	1.33	9.2e-02	6.0e-01
WIKIPATHWAYS_MM_SIDS_SUSCEPTIBILITY_PATHWAYS-WP706	Titing in the second of the	1.45	3.1e-02	6.0e-01
WIKIPATHWAYS_MM_FATTY_ACID_BETA_OXIDATION-WP143	Trusting a rimer of the second	1.28	1.1e-01	6.0e-01
WIKIPATHWAYS_MM_VITAMIN_A_AND_CAROTENOID_METABOLISM-WP716	The state of the s	1.25	1.3e-01	6.0e-01
WIKIPATHWAYS_MM_ENDOCHONDRAL_OSSIFICATION-WP474	Itarian a management and a second	1.27	1.3e-01	6.0e-01
WIKIPATHWAYS_MM_NEURAL_CREST_DIFFERENTIATION-WP2064	In the control of the	1.30	7.4e-02	6.0e-01
WIKIPATHWAYS_MM_CALCIUM_REGULATION_IN_THE_CARDIAC_CELL-WP536	The first distinctive consistency of the consistency of the consistency of the constraint of the const	-1.16	1.9e-01	6.0e-01
WIKIPATHWAYS_MM_MYOMETRIAL_RELAXATION_AND_CONTRACTION_PATHWAYS-WP289	The manufacture of the manufacture of account of the control of the control of the control of the manufacture of the control o	-1.18	1.7e-01	6.0e-01
WIKIPATHWAYS_MM_MAPK_SIGNALING_PATHWAY-WP382		-1.24	1.1e-01	6.0e-01
WIKIPATHWAYS_MM_TCR_SIGNALING_PATHWAY-WP69	Et uur eringen oom ooren eringen ooren ja eringen ja en eringen ja en eringen ja eringen ja eringen ja eringen	-1.19	2.0e-01	6.0e-01
WIKIPATHWAYS_MM_METAPATHWAY_BIOTRANSFORMATION-WP702	Harman and the second control of the second	-1.22	1.4e-01	6.0e-01
WIKIPATHWAYS_MM_MICRORNAS_IN_CARDIOMYOCYTE_HYPERTROPHY-WP1544	HILL FILLIAM CO. 0	-1.20	1.8e-01	6.0e-01
WIKIPATHWAYS_MM_ANDROGEN_RECEPTOR_SIGNALING_PATHWAY-WP138	H i i i i i i i i i i i i i i i i i i i	-1.20	1.8e-01	6.0e-01
WIKIPATHWAYS_MM_INTEGRATED_BREAST_CANCER_PATHWAY-WP1984		-1.30	7.0e-02	6.0e-01
WIKIPATHWAYS_MM_CELL_CYCLE-WP179	The company of the control of the co	-1.25	1.1e-01	6.0e-01
WIKIPATHWAYS_MM_DNA_DAMAGE_RESPONSE_ONLY_ATM_DEPENDENT-WP710		-1.22	1.9e-01	6.0e-01
WIKIPATHWAYS_MM_G1_TO_S_CELL_CYCLE_CONTROL-WP45		-1.24	1.6e-01	6.0e-01
WIKIPATHWAYS_MM_APOPTOSIS-WP254	The material community and the community of the community	-1.30	9.5e-02	6.0e-01
WIKIPATHWAYS_MM_LEPTIN_SIGNALING_PATHWAY-WP2034	The number of the second of th	-1.31	1.2e-01	6.0e-01
WIKIPATHWAYS_MM_GPCRS_OTHER-WP117	The first of the second of the	-1.27	1.6e-01	6.0e-01
WIKIPATHWAYS_MM_HEART_DEVELOPMENT-WP1591	The second of th	-1.24	1.8e-01	6.0e-01
WIKIPATHWAYS_MM_INTEGRATED_CANCER_PATHWAY-WP1971	The transfer of the second	-1.25	1.7e-01	6.0e-01
WIKIPATHWAYS_MM_WNT_SIGNALING_PATHWAY_AND_PLURIPOTENCY-WP399		-1.50	8.3e-03	6.0e-01
WIKIPATHWAYS_MM_DNA_DAMAGE_RESPONSE-WP707		-1.42	5.7e-02	6.0e-01
WIKIPATHWAYS_MM_TOR_SIGNALING-WP1471	The second of th	-1.27	1.5e-01	6.0e-01
WIKIPATHWAYS_MM_WNT_SIGNALING_PATHWAY-WP428		-1.44	4.8e-02	6.0e-01
WIKIPATHWAYS_MM_FLUOROPYRIMIDINE_ACTIVITY-WP1601	Oracle Communication of the Co	-1.28	1.7e-01	6.0e-01
WIKIPATHWAYS_MM_EUKARYOTIC_TRANSCRIPTION_INITIATION-WP405	Of the control of the second o	-1.45	5.4e-02	6.0e-01
WIKIPATHWAYS_MM_ERBB_SIGNALING_PATHWAY-WP673		-1.52	3.2e-02	6.0e-01
WIKIPATHWAYS_MM_ANGIOGENESIS-WP1539		-1.36	1.1e-01	6.0e-01
WIKIPATHWAYS_MM_HYPOTHETICAL_NETWORK_FOR_DRUG_ADDICTION-WP666		-1.41	9.2e-02	6.0e-01
WIKIPATHWAYS_MM_EICOSANOID_SYNTHESIS-WP167	titi i se	-1.31	1.5e-01	6.0e-01
WIKIPATHWAYS_MM_EPO_RECEPTOR_SIGNALING-WP581	The control of the co	-1.50	6.4e-02	6.0e-01
WIKIPATHWAYS_MM_SIGNALING_OF_HEPATOCYTE_GROWTH_FACTOR_RECEPTOR-WP313	1000	-1.59	1.9e-02	6.0e-01