Pathway	Gene ranks	NES	pval	padj
KEGG_DNA_REPLICATION		1.96	2.7e-03	5.2e-02
KEGG_MISMATCH_REPAIR	Hamman a a company of the second of the seco	1.76	2.6e-03	5.2e-02
KEGG_BASE_EXCISION_REPAIR		1.85	2.7e-03	5.2e-02
KEGG_RIBOSOME		2.20	4.2e-03	5.7e-02
KEGG_GLYCINE_SERINE_AND_THREONINE_METABOLISM	THE TERRITOR OF THE WORLD CO. T.	1.62	1.9e-02	1.5e-01
KEGG_AMINOACYL_TRNA_BIOSYNTHESIS		1.76	5.6e-03	6.1e-02
KEGG_SPLICEOSOME		2.05	5.1e-03	6.1e-02
KEGG_CITRATE_CYCLE_TCA_CYCLE		1.59	1.6e-02	1.5e-01
KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION	MIII — — — — — — — — — — — — — — — — — —	1.72	3.3e-03	5.7e-02
KEGG_PYRIMIDINE_METABOLISM		1.59	4.2e-03	5.7e-02
KEGG_FOCAL_ADHESION		-1.50	2.3e-03	5.2e-02
KEGG_CHEMOKINE_SIGNALING_PATHWAY		-1.54	1.2e-03	5.0e-02
KEGG_T_CELL_RECEPTOR_SIGNALING_PATHWAY		-1.62	1.3e-03	5.0e-02
KEGG_P53_SIGNALING_PATHWAY		-1.56	6.8e-03	6.9e-02
KEGG_EPITHELIAL_CELL_SIGNALING_IN_HELICOBACTER_PYLORI_INFECTION		-1.57	5.4e-03	6.1e-02
KEGG_TIGHT_JUNCTION		-1.75	1.3e-03	5.0e-02
KEGG_AXON_GUIDANCE		-1.84	1.2e-03	5.0e-02
KEGG_AMYOTROPHIC_LATERAL_SCLEROSIS_ALS		-1.66	4.3e-03	5.7e-02
KEGG_PATHOGENIC_ESCHERICHIA_COLI_INFECTION		-1.72	1.4e-03	5.0e-02
KEGG_GLYCOSAMINOGLYCAN_BIOSYNTHESIS_CHONDROITIN_SULFATE	The state of the s	-1.60	1.3e-02	1.2e-01
	0 1000 2000 3000 4000			

Pathway	Gene ranks	NES	pval	padj
MOUSECYC_MM_PWY3DJ-0_ISOLEUCINE_DEGRADATION		1.70	2.0e-03	4.3e-02
MOUSECYC_MM_PWY3DJ-86_VALINE_DEGRADATION		1.54	7.9e-03	4.3e-02
MOUSECYC_MM_TRNA-CHARGING-PWY_TRNA_CHARGING_PATHWAY		1.70	6.9e-03	4.3e-02
MOUSECYC_MM_PWY3DJ-1574_TCA_CYCLE_AND_MALATE_ASPARTATE_SHUTTLE_SUPERPATHWAY		1.44	5.1e-02	1.3e-01
MOUSECYC_MM_PWY-4302_AEROBIC_RESPIRATIONELECTRON_DONOR_III		1.61	9.7e-03	4.3e-02
MOUSECYC_MM_PWY-3781_AEROBIC_RESPIRATIONELECTRON_DONOR_II		1.67	7.4e-03	4.3e-02
MOUSECYC_MM_PWY0-1334_NADH_TO_CYTOCHROME_I-BD-I_OXIDASE_ELECTRON_TRANSFER		1.55	1.5e-02	4.6e-02
MOUSECYC_MM_PWY0-1335_NADH_TO_CYTOCHROME_I-BO-I_OXIDASE_ELECTRON_TRANSFER		1.55	1.5e-02	4.6e-02
MOUSECYC_MM_FAO-PWY_FATTY_ACID_BETA_OXIDATION_I		1.06	4.0e-01	6.4e-01
MOUSECYC_MM_PWY-5136_FATTY_ACID_BETA_OXIDATION_II_CORE_PATHWAY		1.00	4.8e-01	7.0e-01
MOUSECYC_MM_PWY-6353_PURINE_NUCLEOTIDES_DEGRADATION_II_AEROBIC		-0.79	7.5e-01	8.2e-01
MOUSECYC_MM_PWY-5044_PURINE_DEGRADATION_I_AEROBIC		-0.80	7.3e-01	8.2e-01
MOUSECYC_MM_PWY-4061_GLUTATHIONE-MEDIATED_DETOXIFICATION		-0.86	6.8e-01	8.2e-01
MOUSECYC_MM_P1-PWY_SALVAGE_PATHWAYS_OF_PURINE_AND_PYRIMIDINE_NUCLEOTIDES		-1.05	3.8e-01	6.4e-01
MOUSECYC_MM_PWY3DJ-1_CYCLIC_AMP_BIOSYNTHESIS		-1.45	2.4e-02	6.5e-02
MOUSECYC_MM_LIPASYN-PWY_PHOSPHOLIPASES		-1.33	1.3e-01	2.4e-01
MOUSECYC_MM_PWY-6352_3-PHOSPHOINOSITIDE_BIOSYNTHESIS		-1.35	1.3e-01	2.4e-01
MOUSECYC_MM_PWY-6351_D-I-MYO-I-INOSITOL_1-4-5-TRISPHOSPHATE_BIOSYNTHESIS		-1.44	6.4e-02	1.4e-01
	0 250 500 750			

Pathway	Gene ranks	NES	pval	padj
INOH_MM_BUTANOATE_METABOLISM		1.65	1.5e-02	3.5e-01
INOH_MM_CITRATE_CYCLE	# 1 11 1#11C1C1C1C	1.72	7.6e-03	3.5e-01
INOH_MM_TYROSINE_METABOLISM	I поправо по по во постава на предостава на предостава на предостава на предостава на предостава на предостава	1.35	8.4e-02	3.5e-01
INOH_MM_GLYCINE_SERINE_METABOLISM	HH thin is a company of the second of the se	1.38	8.0e-02	3.5e-01
INOH_MM_VALINE_LEUCINE_ISOLEUCINE_DEGRADATION		1.36	8.7e-02	3.5e-01
INOH_MM_HEDGEHOG		1.27	5.7e-02	3.5e-01
INOH_MM_PYRUVATE_METABOLISM		1.09	3.1e-01	5.7e-01
INOH_MM_PYRIMIDINE_NUCLEOTIDES_NUCLEOSIDES_METABOLISM		1.12	2.2e-01	5.4e-01
INOH_MM_IL-1_JNK		1.14	2.0e-01	5.4e-01
INOH_MM_IL-1_P38		1.12	2.4e-01	5.4e-01
INOH_MM_GPCR_SIGNALING-G_ALPHA_Q		-1.24	8.6e-02	3.5e-01
INOH_MM_GPCR_SIGNALING-G_ALPHA_S_EPAC_AND_ERK		-1.24	9.2e-02	3.5e-01
INOH_MM_GPCR_SIGNALING-G_ALPHA_I		-1.25	9.0e-02	3.5e-01
INOH_MM_GPCR_SIGNALING-PERTUSSIS_TOXIN		-1.25	9.0e-02	3.5e-01
INOH_MM_GPCR_SIGNALING-CHOLERA_TOXIN		-1.28	5.5e-02	3.5e-01
INOH_MM_VEGF		-1.29	4.0e-02	3.5e-01
INOH_MM_GPCR_SIGNALING-G_ALPHA_S_PKA_AND_ERK		-1.31	2.9e-02	3.5e-01
INOH_MM_CD4_T_CELL_RECEPTOR_SIGNALING-NFKB_CASCADE		-1.39	4.6e-02	3.5e-01
INOH_MM_B_CELL_RECEPTOR_SIGNALING		-1.45	2.2e-02	3.5e-01
INOH_MM_PDGF		-1.36	7.7e-02	3.5e-01
INOH_MM_HGF		-1.38	7.7e-02	3.5e-01
INOH_MM_GPCR_ADENOSINE_A2A_RECEPTOR		-1.41	6.4e-02	3.5e-01
	0 300 600 900 1200			

Pathway	Gene ranks	NES	pval	padj
WIKIPATHWAYS_MM_CHOLESTEROL_BIOSYNTHESIS-WP197		1.68	9.0e-03	8.3e-02
WIKIPATHWAYS_MM_DNA_REPLICATION-WP466	11 mm moneum o o o o o o o o o o o o o o o o o o o	1.74	7.7e-03	8.3e-02
WIKIPATHWAYS_MM_CYTOPLASMIC_RIBOSOMAL_PROTEINS-WP477	To the transfer of the second	1.67	7.7e-03	8.3e-02
WIKIPATHWAYS_MM_GLYCOLYSIS_AND_GLUCONEOGENESIS-WP534		1.58	1.5e-02	1.0e-01
WIKIPATHWAYS_MM_ELECTRON_TRANSPORT_CHAIN-WP111	1411 (1 1411 (1 1411 (1 14 14 14 14 14 14 14 14 14 14 14 14 14	1.77	3.1e-03	8.3e-02
WIKIPATHWAYS_MM_FAS_PATHWAY_AND_STRESS_INDUCTION_OF_HSP_REGULATION-WP314		1.50	2.8e-02	1.3e-01
WIKIPATHWAYS_MM_MRNA_PROCESSING-WP411		1.84	3.8e-03	8.3e-02
WIKIPATHWAYS_MM_TCA_CYCLE-WP78	<b>I IIII I</b> 1410 C C C C C C C C C C C C C C C C C C C	1.39	5.9e-02	2.2e-01
WIKIPATHWAYS_MM_FOLATE_METABOLISM-WP176	I ####################################	1.50	2.1e-02	1.1e-01
WIKIPATHWAYS_MM_OXIDATIVE_PHOSPHORYLATION-WP623	I I momento com a caración de la companya del companya del companya de la company	1.37	6.1e-02	2.2e-01
WIKIPATHWAYS_MM_FOCAL_ADHESION-WP306		-1.51	5.0e-03	8.3e-02
WIKIPATHWAYS_MM_CALCIUM_REGULATION_IN_THE_CARDIAC_CELL-WP536		-1.58	2.7e-03	8.3e-02
WIKIPATHWAYS_MM_MYOMETRIAL_RELAXATION_AND_CONTRACTION_PATHWAYS-WP289		-1.61	2.6e-03	8.3e-02
WIKIPATHWAYS_MM_SENESCENCE_AND_AUTOPHAGY-WP615		-1.61	5.7e-03	8.3e-02
WIKIPATHWAYS_MM_MICRORNAS_IN_CARDIOMYOCYTE_HYPERTROPHY-WP1544		-1.62	4.4e-03	8.3e-02
WIKIPATHWAYS_MM_ARRHYTHMOGENIC_RIGHT_VENTRICULAR_CARDIOMYOPATHY		-1.59	8.9e-03	8.3e-02
WIKIPATHWAYS_MM_NOTCH_SIGNALING_PATHWAY-WP61		-1.58	1.1e-02	9.3e-02
WIKIPATHWAYS_MM_LEPTIN_SIGNALING_PATHWAY-WP2034		-1.67	4.7e-03	8.3e-02
WIKIPATHWAYS_MM_SIGNALING_OF_HEPATOCYTE_GROWTH_FACTOR_RECEPTOR-WP313	H.I. I	-1.68	6.6e-03	8.3e-02
WIKIPATHWAYS_MM_EPO_RECEPTOR_SIGNALING-WP581		-1.66	1.2e-02	9.7e-02
	0 1000 2000			