positive regulation of muscle cell differentiation- positive regulation of dendrite morphogenesis- negative regulation of dauer entry- larval feeding behavior-	•			anatomical structure development behavior	
zinc ion binding- organic cyclic compound binding- nucleic acid binding- heterocyclic compound binding- binding-			•	binding	
biological process involved in intraspecies interaction between organisms- hyaluronan metabolic process- deoxyribonucleotide biosynthetic process-	•			biological process involved in intraspecies interaction between organisms carbohydrate derivative metabolic process	
glycolate catabolic process- scavenger receptor activity-	•			carboxylic acid metabolic process cargo receptor activity	
transferase activity- SAM-dependent methyltransferase activity- S-adenosylmethionine-dependent methyltransferase activity- hydrolase activity- cell-cell adherens junction- catalytic activity, acting on a nucleic acid- catalytic activity.				catalytic activity	
metal ion binding- synaptic membrane adhesion-	•			cation binding	
regulation of platelet aggregation- homophilic cell adhesion via plasma membrane adhesion molecules-	•			cell adhesion	
G1 to G0 transition- regulation of mesenchymal stem cell differentiation-	•			cell cycle process cell differentiation	
positive regulation of endothelial cell chemotaxis to fibroblast growth factor- positive regulation of blood vessel endothelial cell migration- leukocyte migration involved in inflammatory response- platelet alpha granule organization- ER body organization-	•			cell motility cellular component organization	
methionine metabolic process-ketone catabolic process-	•			cellular metabolic process	
amide biosynthetic process- negative regulation of cytoplasmic translational initiation in response to stress-	•			cellular nitrogen compound	
IRES-dependent translational initiation of linear mRNA- RNA-dependent DNA biosynthetic process-				cytoplasmic translation DNA biosynthetic process	
single-stranded 3'-5' DNA helicase activity - DNA recombination-			•	DNA helicase activity DNA metabolic process	
DNA synthesis during double-strand break repair via homologous recombination-negative regulation of DNA endoreduplication-				DNA repair	
mitotic DNA replication of DNA endoreduplication mitotic DNA replication DNA unwinding involved in DNA replication of DNA endoreduplication mitotic DNA replication of DNA endoreduplication mitotic DNA replication of DNA endoreduplication of DNA e				DNA replication	
ketone body catabolic process- cellular cation homeostasis-	•			generation of precursor metabolites homeostatic process	
host cell part- host cell nucleus-		•		host cellular component	
type II site–specific deoxyribonuclease activity- phosphatidylinositol trisphosphate phosphatase activity- phosphatidylinositol phosphate 5–phosphatase activity- nuclease activity- inositol trisphosphate phosphatase activity-					
helicase activity- chitin deacetylase activity- aspartic-type endopeptidase activity- 5'-3' exodeoxyribonuclease activity- 3-hydroxyisobutyryl-CoA hydrolase activity-				hydrolase activity	Adjusted p-value
Rpd3L complex-region of cytosol-		•		intracellular	0.04 0.03 0.02 0.01
nucleus- regulation of protein localization by the Cvt pathway-	•			intracellular protein transport	Number of Genes
D-alanine-D-alanine ligase activity- positive regulation of retinoic acid biosynthetic process-	•			ligase activity lipid metabolic process	100 200 300
fatty acid derivative biosynthetic process- membrane tubulation-	•			membrane organization	400
mitotic cell cycle process- regulation of muscle system process-	•			mitotic cell cycle muscle system process	500
DNA binding- nucleic acid phosphodiester bond hydrolysis-				nucleic acid binding	
nucleic acid metabolic process- DNA metabolic process- DNA integration- regulation of photosynthesis-				nucleic acid metabolic process photosynthesis	
positive regulation of Golgi lumen acidification-				positive regulation of cellular pH	
positive regulation of vascular endothelial cell proliferation- positive regulation of translational termination- positive regulation of translational fidelity- positive regulation of translational elongation- insulin processing-	•			positive regulation of translation protein maturation	
peptidyl-tyrosine phosphorylation- peptidyl-lysine hydroxylation-				protein maturation protein modification process	
negative regulation of protein kinase activity by protein phosphorylation- negative regulation of transferase activity-	•			regulation of catalytic activity	
regulation of translation involved in cellular response to UV-	•			regulation of gene expression	
positive regulation of phospholipase C activity positive regulation of transcription from RNA polymerase II promoter in response to calcium ion-	•			regulation of phospholipase activity regulation of transcription, DNA-templated transcription	
sperm entry- regulation of reciprocal meiotic recombination- prostate gland growth- gene conversion at mating-type locus- female mating behavior-	•			reproductive process	
cellular response to histidine- cellular response to benomyl-	•			response to nitrogen compound	
positive regulation of cellular response to amino acid starvation- positive regulation of transcription from RNA polymerase II promoter in response to heat stress-	•			response to nutrient levels	
cellular stress response to acidic pH-				response to stress response to virus	
translation elongation factor activity positive regulation of phosphatidylinositol 3-kinase signaling				RNA binding	
positive regulation of phosphatidylinositor 3–kmase signaling peptide hormone secretion- negative regulation of ATF6–mediated unfolded protein response- innate immune response–activating signal transduction-	•			signaling	
receptor-receptor interaction-				signaling receptor binding	
RNA-directed DNA polymerase activity- nucleotidyltransferase activity- DNA-directed DNA polymerase activity- CoA-transferase activity- 3-oxoacid CoA-transferase activity-				transferase activity	
inorganic anion transmembrane transport- methionine transport-	•			transmembrane transport	
fluid transport- borate transport-	•			transport	
water transmembrane transporter activity- sodium channel activity- proton channel activity-			•		
NAADP-sensitive calcium-release channel activity- intracellular ligand-gated ion channel activity-			•	transporter activity	
bicarbonate transmembrane transporter activity active borate transmembrane transporter activity reverse transcription involved in RNA-mediated transposition	•		•	transposition; RNA mediated	
viral process	_			viral process	
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