anatomical structure development development p	positive regulation of glycoprotein biosynthetic process	n		DNA	RNA polymerase II cis-regulatory region sequence-specific DNA binding -RNA polymerase II intronic transcription regulatory region sequence-specific DNA binding		
dic process	- glucose 6-phosphate metabolic process - positive regulation of glycogen biosynthetic process - negative regulation of glycogen biosynthetic process						
cell	positive regulation of macrophage derived foam cell differentiation			enzyme binding	-3-phosphoinositide-dependent protein kinase binding		
motility	- skeletal muscle satellite cell migration - hematopoietic stem cell migration - regulation of fibroblast migration - ornithine biosynthetic process				- ubiquitin-protein transferase activator activity		
cellular amino acid orga proce	ornithine biosynthetic process methionine catabolic process citrulline biosynthetic process proline catabolic process 4-hydroxyproline catabolic process methionyl-tRNA aminoacylation			enzyme regulator activity	- guanylate cyclase activator activity - adenylate cyclase activator activity - acetyltransferase activator activity		
ation detox	-mitotic spindle assembly			a .	- hydrolase activity, hydrolyzing N–glycosyl compounds		
DNA repair	- cellular detoxification of cadmium ion - negative regulation of double-strand break repair via nonhomologous end joining		activity, cting on glyco	ydrolase activity, acting on glyco			
replicatio	DNA double-strand break processing involved in repair via single-strand annealing regulation of DNA endoreduplication			-FAD binding			
immune system process	leukocyte migration involved in inflammatory response complement activation, classical pathway regulation of mast cell activation			ion sinding	-lipoic acid binding		
intracellular protein transport	positive regulation of protein insertion into mitochondrial outer membrane			a د.	-MAP kinase kinase activity -glutamate 5-kinase activity -glucokinase activity		
lipid metabolic process	green leaf volatile biosynthetic process - phosphatidic acid biosynthetic process - positive regulation of fatty acid oxidation - cardiolipin acyl-chain remodeling - steroid metabolic process - N-acylphosphatidylethanolamine metabolic process			kinase activity	- fructokinase activity - hexokinase activity - insulin–activated receptor activity		
ment	- maintenance of ciliary planar beating movement pattern - retrograde neuronal dense core vesicle transport - anterograde neuronal dense core vesicle transport - protein transport along microtubule			ligase activity	-RNA-3'-phosphate cyclase activity		
mRNA mu sys process	- positive regulation of mRNA polyadenylation - regulation of the force of skeletal muscle contraction - regulation of slow–twitch skeletal muscle fiber contraction			vity	-methionine-tRNA ligase activity		
muscle system process process	- muscle filament sliding - transition between fast and slow fiber - sensory perception of taste	over_represented_pvalue 0.04 0.03		lyase activity	- carbonate dehydratase activity over_represented_p 0.04 0.03	value	
ss peroxison organizati	peroxisome fission	0.02 0.01		7	-gamma-glutamylcyclotransferase activity -protein adenylyltransferase activity 8-methylthiopropyl glucosinolate S-oxygenase activity 4-methylthiopropyl glucosinolate S-oxygenase activity C-4 methylsterio oxidase activity -glutamate-5-semialdehyde dehydrogenase activity -sovidenyl-CoA dehydrogenase activity -sovidenyl-CoA dehydrogenase activity -sovidenyl-CoA reductase (NADPH) activity -polinic dehydrogenase activity -tydroxymethylglutaryl-CoA reductase (NADPH) activity -peptide-methionine (R)-S-oxide reductase activity -oxidoreductase activity, acting on a sulfur group of donors, disulfide as acceptor -oxidoreductase activity, acting on the CH-CH group of donors -5'-nucleotidase activity		
programmec cell death	negative regulation of hydrogen peroxide-mediated programmed cell death			nucleotidyltra activity			
protein catabolic process	-anaphase-promoting complex-dependent catabolic process			nsferase /			
protein folding	negative regulation of chaperone-mediated protein folding			oxidoreduct: activity			
protein maturation I	-zymogen activation -regulation of myosin-light-chain-phosphatase activity			as e			
protein otein- nodification cou process ass	- histone acetylation - protein adenylylation - protein heterooligomerization - protein homotrimerization			phosphatas activity			
embly tr	-cellular protein-containing complex assembly -radial spoke assembly -protein tetramerization -positive regulation of transcription of nucleolar large rRNA by RNA polymerase I			Ф			
repro	- positive regulation of transcription from RNA polymerase II promoter in response to heat stress - multicellular organismal reproductive process - male meiosis I - positive regulation of meiotic cell cycle - sexual reproduction			RNA binding			
/e signaling	regulation of meiotic nuclear division Avalantic transmission involved in micturition available from the complete receptor signaling pathway The complete rece				1–acylglycerol–3–phosphate O–acyltransferase activity		
sulfur compound metabolic process	hydrogen sulfide metabolic process sulfide oxidation, using sulfide:quinone oxidoreductase glutathione biosynthetic process glucosinolate biosynthetic process S-adenosylmethionine biosynthetic process				transferase activity, transferring	-diamine N–acetyltransferase activity	
telomere organization	t-circle formation telomeric D-loop disassembly fructose transmembrane transport				nethionine adenosyltransferase activity sugar transmembrane transporter activity ructose transmembrane transporter activity		
transport esicle transport	glucose transmembrane transport carbohydrate transmembrane transport inorganic cation transmembrane transport negative regulation of regulated secretory pathway			transmembrane transporter activity	- gated channel activity - dehydroascorbic acid transmembrane transporter activity - acetylcholine–gated cation–selective channel activity - D–glucose transmembrane transporter activity		
port	- phagocytosis, engulfment - endocytosis - vesicle docking				trehalose transmembrane transporter activity extracellular ligand-gated ion channel activity glucose binding extracellular activity of receptor activity low-definition particle binding any definition activity any definition activity		
vitamin netabolic process	vitamin B6 metabolic process Principal Contract of the contra			NA	glucose binding Standard Sta		
BP	Designation of the second seco	_	MF		Insulin Elike growth factor receptor binding insuling insulin binding		