cess catabolic cell pop death proli-	Regulation of proteasomal ubiquitin—dependent prositive regulation of proteasomal ubiquitin—dependent programmed cell death - positive regulation of proteasomal ubiquitin—dependent protein catabolic process - positive regulation of proteasomal ubiquitin—dependent protein catabolic process - positive regulation of transcription from RNA polymerase II promoter in response to heat stress - mRNA transcription - dopamine biosynthetic process - positive regulation of DNA-binding transcription factor activity - adenosylmethionine biosynthetic process - hydrogen peroxide catabolic process - ubiquitin—dependent protein catabolic process - regulation of programmed cell death - programmed cell death - programmed cell death - positive regulation of cardiac muscle myoblast proliferation	protein binding transcription lactor ac	-RNA polymerase II transcription regulatory region sequence–specific DNA binding -DNA–binding transcription factor activity, RNA polymerase II–specific	
cell-cell compone assemb	synaptic transmission, cholinergic synaptic transmission involved in micturition neuromuscular synaptic transmission chemical synaptic transmission polyphosphate—mediated signaling negative regulation of lateral pseudopodium assembly positive regulation of inclusion body assembly protein homooligomerization	enzyme re binding	-DNA topoisomerase binding -guanylate cyclase activator activity	
cellular ce nitrogen pr compound mod metaboli pr	caveola assembly positive regulation of non–motile cilium assembly spermine acetylation putrescine acetylation nor–spermidine metabolic process spermidine acetylation positive regulation of mRNA polyadenylation negative regulation of double–strand break repair via nonhomologous end joining putrescine catabolic process positive regulation of apoptotic DNA fragmentation protein ubiquitination histone H3–K23 acetylation histone H3–K14 acetylation	activity activity, acting on carbo	- adenylate cyclase activator activity - acetyltransferase activator activity - N–formylglutamate deformylase activity	
: <u> </u>	histone H4–K12 acetylation positive regulation of protein polyubiquitination actin cytoskeleton organization synaptic vesicle maturation	activity, acting on glyco	hydrolase activity, hydrolyzing N–glycosyl compounds	
ation homeostatic process	positive regulation of cellular pH reduction over	represented_pvalue 0.04 0.03		ver_represented_pvalue 0.04 0.03
ss m		0.02 0.01 kinase activity	glutamate 5-kinase activity insulin-activated receptor activity mannokinase activity hexokinase activity glucokinase activity fructokinase activity	- 0.02 - 0.01
locomo	cardiolipin acyl-chain remodeling positive regulation of positive chemotaxis to cAMP chemotaxis to folate hematopoietic stem cell migration regulation of fibroblast migration	ligase activity	-RNA-3'-phosphate cyclase activity -methionine-tRNA ligase activity	
nervous system process foldii	sensory perception of pain sensory perception of chemical stimulus cognition negative regulation of chaperone–mediated protein folding	lyase activity	- carbonate dehydratase activity - glutathione specific gamma–glutamylcyclotransferase activity - tryptophanase activity - gamma–glutamylcyclotransferase activity	
roduction	-asexual reproduction -regulation of female receptivity	oxidoreductase activity	sulfide:quinone oxidoreductase activity peroxidase activity a methylthiopropyl glucosinolate S-oxygenase activity a-methylthiopropyl glucosinolate S-oxygenase activity ultimate-5-semialdehyde dehydrogenase activity peptide-methionine (R)-S-oxide reductase activity peptide-methionine (R)-S-oxide reductase activity rocline dehydrogenase activity rocline dehydrogenase activity oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, another compound as one donor, and incorporation of one atom of oxygen hydroxymethylglutaryl-CoA reductase (NADPH) activity 3-oxo-5-alpha-steroid 4-dehydrogenase activity	
response to stress transduct	response to oxidative stress response to water deprivation response to psychosocial stress positive regulation of behavioral fear response response to hypoxia melanotic encapsulation of foreign target response to ischemia positive regulation of autophagy of mitochondrion in response to mitochondrial depolarization cellular response to hydrogen peroxide response to hypoxia insulin receptor signaling pathway acetylcholine receptor signaling pathway regulation of adenylate cyclase—activating G protein—coupled receptor signaling pathway positive regulation of TORC2 signaling interleukin—18—mediated signaling pathway negative regulation of Wnt signaling pathway Notch signaling pathway angiotensin—activated signaling pathway	factor binding	- Tat protein binding - cAMP response element binding protein binding	
small molecule metabolic process	negative regulation of Wnt signaling pathway Notch signaling pathway angiotensin—activated signaling pathway long—chain fatty acid biosynthetic process line of the signal of the sign	activity, transferring 	1-acylglycerol-3-phosphate O-acyltransferase activity alpha-1,6-mannosylglycoprotein 4-beta-N-acetylglucosaminyltransferase activity mycocerosate synthase activity diamine N-acetyltransferase activity UDP-alpha-D-glucose:glucosyl-glycogenin alpha-D-glucosyltransferase activity glycogenin glucosyltransferase activity methionine adenosyltransferase activity	
sulfur impound etabolic rocess	hydrogen sulfide metabolic process sulfide oxidation, using sulfide:quinone oxidoreductase hydrogen sulfide oxidation oxidation hydrogen sulfide oxidation oxidation hydrogen sulfide oxidation oxidation hydrogen sulfide oxid	transporter NA activity	acetylcholine-gated cation—selective channel activity fructose transmembrane transporter activity aromatic amino acid transmembrane transporter activity glucose transmembrane transporter activity thyroid hormone transmembrane transporter activity potassium ion antiporter activity monocarboxylic acid transmembrane transporter activity amino acid transmembrane transporter activity amino acid transmembrane transporter activity acetylcholine receptor activity glucose binding heme binding quinone binding U5 dopamine receptor binding translation elongation factor binding leukotriene—A4 hydrolase activity PTB domain binding TORC2 complex binding epoxide hydrolase activity insulin binding anaphase—promoting complex binding	
BP	En la Richard Communication (Communication) (Richard Communication) (Richard C	MF	epoxide hydrolase activity insulin binding anaphase–promoting complex binding	