M	olecular	Funct	ion	
zinc ion binding- organic cyclic compound binding-				
nucleic acid binding- heterocyclic compound binding-			binding	
binding-				
scavenger receptor activity-			cargo receptor activity	
transferase activity - sulfide:quinone oxidoreductase activity -				
RNA-3'-phosphate cyclase activity-protein adenylyltransferase activity-				
proline dehydrogenase activity-	•			
oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen-				
oxidoreductase activity, acting on a sulfur group of donors, disulfide as acceptor- oxidoreductase activity-				
monooxygenase activity- methionine-tRNA ligase activity-				
methionine adenosyltransferase activity- maleylacetoacetate isomerase activity-	•			
leukotriene-A4 hydrolase activity-	•			
isovaleryl–CoA dehydrogenase activity- insulin receptor activity-	•			
inositol phosphate phosphatase activity hydroxymethylglutaryl-CoA reductase (NADPH) activity	•			
hydrolase activity, hydrolyzing N-glycosyl compounds- hydrolase activity-			catalytic activity	
hydro-lyase activity-	•			
glutamate-5-semialdehyde dehydrogenase activity-				
glutamate 5-kinase activity-	•			
gamma-glutamylcyclotransferase activity- fructokinase activity-	•			
ether hydrolase activity- ethanolaminephosphotransferase activity-	•			
deoxyhypusine synthase activity-	•			
catalytic activity, acting on a nucleic acid- catalytic activity, acting on a nucleic acid-	_			
carbonate dehydratase activity- C-4 methylsterol oxidase activity-	•			
butyryl-CoA dehydrogenase activity- 8-methylthiopropyl glucosinolate S-oxygenase activity-	•			
4-methylthiopropyl glucosinolate S-oxygenase activity- 3-oxo-5-alpha-steroid 4-dehydrogenase activity-				
1-acylglycerol-3-phosphate O-acyltransferase activity	•			
metal ion binding-			cation binding	
RNA polymerase II intronic transcription regulatory region sequence-specific DNA binding-			DNA binding	
single-stranded 3'-5' DNA helicase activity			DNA helicase activity	
type II site-specific deoxyribonuclease activity-phosphate phosphatase activity-		•		
phosphatidylinositol phosphate 5-phosphatase activity- nuclease activity-				Adjusted p-value
inositol trisphosphate phosphatase activity helicase activity		•	hydrolase activity	0.04 0.03 0.02
chitin deacetylase activity-				0.01
aspartic-type endopeptidase activity - 5'-3' exodeoxyribonuclease activity -		•		Number of Genes 100
3-hydroxyisobutyryl-CoA hydrolase activity		•	ligaço activity	200
D-alanine-D-alanine ligase activity-			ligase activity lipid binding	400
soluble NSF attachment protein activity-			molecular adaptor activity	500
ubiquitin-protein transferase activator activity-	•		molecular function regulator activity	
adenylate cyclase activator activity			molocular ranotion regulator activity	
acetylcholine receptor activity			molecular transducer activity	
DNA binding- translation elongation factor activity-			nucleic acid binding RNA binding	
receptor-receptor interaction-		•	signaling receptor binding	
RNA-directed DNA polymerase activity-nucleotidyltransferase activity-				
DNA-directed DNA polymerase activity-			transferase activity	
CoA-transferase activity- 3-oxoacid CoA-transferase activity-		•		
water transmembrane transporter activity- trehalose transmembrane transporter activity-		•		
transmembrane transporter activity-				
sugar transmembrane transporter activity- sodium channel activity-	•	•		
proton channel activity-				
phosphatidic acid transfer activity - NAADP-sensitive calcium-release channel activity -		•		
intracellular ligand-gated ion channel activity intracellular cAMP-activated cation channel activity		•	transporter activity	
gated channel activity-				
fructose transmembrane transporter activity - extracellular ligand-gated ion channel activity -				
dehydroascorbic acid transmembrane transporter activity- D-glucose transmembrane transporter activity-				
bicarbonate transmembrane transporter activity- active borate transmembrane transporter activity-		•		
acetylcholine-gated cation-selective channel activity-]
Wnt-protein binding- translation elongation factor binding-	•			
TORC2 complex binding- PTB domain binding-	•			
PDZ domain binding- low-density lipoprotein particle binding-				
iron ion binding-				
insulin-like growth factor II binding- insulin-like growth factor I binding-	•			
identical protein binding- Hsp90 protein binding-			NA	
Hsp70 protein binding- glucose binding-				
FAD binding - enzyme binding -				
D5 dopamine receptor binding-				
cargo receptor activity-				
3-phosphoinositide-dependent protein kinase binding-		<u>,</u>		
DEG. CO. terms				
OEG.	OMG.	h e = 1		
	Metl	1100		