nucleus -	nucleotide binding -	embryonic development	
plasma membrane	DNA binding -	signal transduction protein modification	
protein _	transcription_	process cell communication	
complex	regulator activity	reproduction ·	
proteinaceous extracellular - matrix	transcription _ factor activity	response to external stimulus	
cilium -	protein kinase _ activity	growth ion transport	
proteinaceous extracellular -	structural molecule activity	cell-cell signaling	
matrix peroxisome -	cytoskeletal	response to abiotic stimulus	
peroxisorne	protein binding	cell growth	
lysosome -	ion channel activity	mitochondrion organization cellular amino acid and derivative metabolic	
vacuole -	chromatin binding -	generation of precursor metabolites and energy	
endoplasmic_	electron carrier	carbohydrate metabolic process	
reticulum	activity	organelle organization	
cytosol -	hydrolase activity -	catabolic process	
protein _ complex	transferase _ activity	lipid metabolic process nucleobase, nucleoside, nucleotide and nucleic	
mitochondrion -	nucleotide binding -	acid metabolic process transport	
		protein metabolic process	
cytoplasm -	catalytic activity -	biosynthetic process	
nucleus -	nucleic acid binding	signal transduction -	
protein_ complex	DNA binding -	embryonic development -	
cytoskeleton -	transcription regulator activity	organelle organization -	
cytosol -	nucleotide binding -	cell communication -	
nucleoplasm -	transcription _ factor activity	reproduction -	
proteinaceous extracellular - matrix	transporter_ activity	cell-cell signaling -	
cilium -	structural molecule activity	growth -	
microtubule organizing - center	receptor binding -	generation of precursor metabolites and energy	
lysosome -	ion channel activity	DNA metabolic process -	
vacuole -	chromatin binding -	cellular amino acid and derivative metabolic process	
endoplasmic_ reticulum	electron carrier activity	carbohydrate metabolic process	
cytosol -	transferase _ activity	lipid metabolic process -	
mitochondrion -	hydrolase activity	catabolic process -	
cytoplasm -	catalytic activity -	biosynthetic process -	