



0005622	intracellular anatomical structure
0005622	metabolic process
0005622	biological regulation
0005622	organic substance metabolic process
0005622	organic metabolic process
0005622	primary metabolic process
0005622	membrane-bounded organelle
0005622	cellular membrane-bounded organelle
0005622	nitrogen compound metabolic process
0005622	response to stimulus
0005622	macromolecule metabolic process
0005622	organonitrogen compound metabolic process
0005622	regulation of metabolic process
0005622	cellular nitrogen compound metabolic pro...
0005622	protein metabolic process
0005622	biosynthetic process
0005622	cellular biosynthetic process
0005622	regulation of primary metabolic process
0005622	regulation of cellular metabolic process
0005622	regulation of macromolecule metabolic pr...
0005622	organic cyclic compound metabolic proces...
0005622	cellular protein metabolic process
0005622	regulation of nitrogen compound metaboli...
0005622	heterocycle metabolic process
0005622	response to stress
0005622	nucleobase-containing compound metabolic...
0005622	macromolecule modification
0005622	cellular nitrogen compound biosynthetic ...
0005622	membrane-enclosed lumen
0005622	organelle lumen
0005622	protein modification process
0005622	cellular protein modification process
0005622	regulation of gene expression
0005622	nucleic acid metabolic process
0005622	macromolecule biosynthetic process
0005622	response to organic substance
0005622	regulation of biosynthetic process
0005622	positive regulation of metabolic process
0005622	cellular macromolecule biosynthetic proc...
0005622	regulation of cellular biosynthetic proc...
0005622	RNA metabolic process
0005622	cellular response to chemical stimulus
0005622	nuclear lumen
0005622	aromatic compound biosynthetic process
0005622	heterocycle biosynthetic process
0005622	negative regulation of cellular metaboli...
0005622	regulation of nucleobase-containing comp...
0005622	regulation of protein metabolic process
0005622	regulation of cellular macromolecule bio...
0005622	cellular response to organic substance
0005622	immune system process
0005622	cellular metabolic process
0005622	cellular response to stress
0005622	catalytic activity, acting on a protein
0005622	programmed cell death
0005622	regulation of cell death
0005622	angiogenic process
0005622	positive regulation of biosynthetic proc...
0005622	positive regulation of cellular biosynth...
0005622	macromolecule metabolic process
0005622	organonitrogen compound biosynthetic pro...
0005622	biological process involved in interspec...
0005622	immune response
0005622	positive regulation of protein metabolic...
0005622	regulation of programmed cell death
0005622	regulation of response to stress
0005622	defense response
0005622	organonitrogen compound catabolic proces...
0005622	regulation of apoptotic process
0005622	response to toxic stimulus
0005622	response to external biotic stimulus
0005622	response to other organism
0005622	macromolecule catabolic process
0005622	response to nitrogen compound
0005622	organelle subcompartment
0005622	cellular macromolecule catabolic process
0005622	response to organonitrogen compound
0005622	response to organic cyclic compound
0005622	humoral immune response
0005622	regulation of response to external stimu...
0005622	defense response to other organism
0005622	cellular amide metabolic process
0005622	negative regulation of cell death
0005622	response to cytokine
0005622	regulation of immune system process
0005622	response to inhibition by small protein co...
0005622	defense response
0005622	negative regulation of programmed cell d...
0005622	protein catabolic process
0005622	cellular response to cytotoxic stimulus
0005622	endoplasmic reticulum subcompartment
0005622	nucleic acid metabolic process
0005622	endoplasmic reticulum membrane
0005622	organic acid metabolic process
0005622	protein modification by small protein co...
0005622	cellular protein catabolic process
0005622	carboxylic acid metabolic process
0005622	carboxylic acid metabolic process
0005622	protein ubiquitination
0005622	proteolysis involved in cellular protein...
0005622	response to bacterium
0005622	regulation of defense response
0005622	regulation of immune response
0005622	chromosome organization
0005622	transcription factor binding
0005622	peptide biosynthetic process
0005622	mitochondrion
0005622	positive regulation of immune system pro...
0005622	innate immune response
0005622	small molecule biosynthetic process
0005622	regulation of cellular response to stres...
0005622	clear lipid metabolic process
0005622	modification-dependent macromolecule cat...
0005622	regulation of response to biotic stimuli...
0005622	ubiquitin-dependent protein catabolic...
0005622	positive regulation of response to exteri...
0005622	ubiquitin-dependent protein catabolic pr...
0005622	cellular response to lipid
0005622	nuclear protein-containing complex
0005622	regulation of cellular amide metabolic p...
0005622	cytokine production
0005622	positive regulation of immune response
0005622	cytokine-mediated signaling pathway
0005622	regulation of cytokine production
0005622	cytokine-like protein transferase activ...
0005622	immune response-regulating signaling pat...
0005622	DNA metabolic process
0005622	cytokine-like protein ligase binding
0005622	inflammatory response
0005622	ubiquitin-protein transferase activity
0005622	cellular response to DNA damage stimulus
0005622	response to virus
0005622	ubiquitin protein ligase binding
0005622	regulation of protein catabolic process
0005622	positive regulation of defense response
0005622	zinc ion binding
0005622	response to acid chemical
0005622	regulation of immune effector process
0005622	positive regulation of response to bioti...
0005622	protein polyubiquitination
0005622	response to endoplasmic reticulum stress
0005622	catalytic activity, acting on nucleic
0005622	monocarboxylic acid metabolic process
0005622	intracellular protein-containing complex
0005622	regulation of immune responses
0005622	immune response-activating signal transd...
0005622	response to molecule of bacterial origin
0005622	defense response to symbiont
0005622	response to virus
0005622	oxidoreductase activity
0005622	ncRNA metabolic process
0005622	transferase complex
0005622	response to lipopolysaccharide
0005622	catalytic activity, acting on RNA
0005622	ubiquitin-like protein ligase activity
0005622	carboxylic acid biosynthetic process
0005622	organic acid biosynthetic process
0005622	ubiquitin protein ligase activity
0005622	humoral immune response
0005622	response to tumor necrosis factor
0005622	mitochondrial envelope
0005622	intrinsic component of organelle membran...
0005622	pattern recognition receptor signaling p...
0005622	cellular amino acid metabolic process
0005622	positive regulation of cytokine producti...
0005622	regulation of protein modification by sm...
0005622	integral component of organelle membrane
0005622	positive regulation of innate immune res...
0005622	cellular response to tumor necrosis fact...
0005622	small molecule catabolic process
0005622	positive regulation of cellular amide me...
0005622	mitochondrial membrane
0005622	antimicrobial humoral response
0005622	acid metabolic process
0005622	regulation of cysteine-type endopeptidas...
0005622	regulation of cysteine-type endopeptidas...
0005622	cytokine receptor signaling pathway
0005622	regulation of inflammatory response
0005622	production of molecular mediator of immu...
0005622	kinase NF-kappaB signaling
0005622	activation of innate immune response
0005622	protein modification by small protein re...
0005622	regulation of lipid localization
0005622	response to topologically incorrect prot...
0005622	innate immune response-activating signal...
0005622	positive regulation of immune effector p...
0005622	regulation of precursor metabolites and ...
0005622	protein degradation
0005622	regulation of production of molecular me...
0005622	cellular response to biotic stimulus
0005622	cellular response to biotic stimulus
0005622	ncRNA processing
0005622	response to purine-containing compound
0005622	protein folding
0005622	cellular response to molecule of bacteri...
0005622	cellular response to topologically incor...
0005622	response to unfolded protein
0005622	regulation of humoral immune response
0005622	sulfur compound metabolic process
0005622	cellular response to lipopolysaccharide
0005622	lipid binding
0005622	cellular response to unfolded protein
0005622	response to interleukin
0005622	regulation of DNA metabolic process
0005622	positive regulation of production of mol...
0005622	regulation of antimicrobial humoral resp...
0005622	ubiquitin ligase complex
0005622	secondary amine metabolic process
0005622	regulation of I-kappaB kinase/NF-kappaB ...
0005622	intrinsic component of endoplasmic retic...
0005622	intrinsic component of endoplasmic retic...
0005622	regulation of response to cytokine stimu...
0005622	NF-kappaB signaling
0005622	carboxylic acid catabolic process
0005622	organic acid catabolic process
0005622	response to amino acid
0005622	cellular response to interleukin-1
0005622	protein RAS ubiquitination
0005622	regulation of defense response to virus
0005622	endoplasmic reticulum unfolded protein r...
0005622	mitochondrial matrix
0005622	positive regulation of lipid localizatio...
0005622	plasma membrane signaling receptor compl...
0005622	regulation of cytokine-mediated signal...
0005622	positive regulation of humoral immune re...
0005622	heat shock protein binding
0005622	tumor necrosis factor-mediated signaling...
0005622	positive regulation of humoral immune resp...
0005622	antimicrobial peptide production
0005622	regulation of antimicrobial peptide prod...
0005622	nucleic acid phosphodiester bond hydroly...
0005622	regulation of protein maturation
0005622	regulation of protein processing
0005622	regulation of type I interferon producti...
0005622	cytokine receptor binding
0005622	regulation of NF-kappaB signaling
0005622	regulation of antimicrobial pep...
0005622	methylation
0005622	cellular modified amino acid metabolic p...
0005622	cytokine receptor binding
0005622	positive regulation of I-kappaB kinase/N...
0005622	ERAD pathway
0005622	positive regulation of DNA metabolic pro...
0005622	regulation of tumor necrosis factor supe...
0005622	regulation of tumor necrosis factor prod...
0005622	tumor necrosis factor production
0005622	regulation of lipid storage
0005622	cellular response to virus
0005622	antimicrobial process
0005622	regulation of leukocyte apoptotic proces...
0005622	cytoplasmic pattern recognition receptor...
0005622	protein binding
0005622	organelle inner membrane
0005622	positive regulation of chromosome organi...
0005622	ncRNA metabolic process
0005622	RNA catabolic activity, acting on a tRNA
0005622	Gold-associated vesicle membrane
0005622	regulation of antimicrobial peptide bios...
0005622	antimicrobial peptide biosynthetic proces...
0005622	negative regulation of protein maturatio...
0005622	negative regulation of protein processin...
0005622	ubiquitin-dependent ERAD pathway
0005622	protein binding
0005622	double-strand break repair
0005622	response to injury
0005622	mitochondrial inner membrane
0005622	positive regulation of inflammatory resp...
0005622	nucleotide-binding oligomerization domai...
0005622	nucleotide-binding oligomerization domai...
0005622	response to type I interferon
0005622	positive regulation of antimicrobial pep...
0005622	response to type I interferon
0005622	nucleic acid metabolic process
0005622	cysteine-type endopeptidase inhibitor ac...
0005622	negative regulation of NF-kappaB transcr...
0005622	regulation of unfolded protein response
0005622	cysteine-type endopeptidase inhibitor ac...
0005622	translation factor activity, RNA binding
0005622	RNA metabolic process
0005622	cellular amino acid catabolic process
0005622	antibacterial humoral response
0005622	regulation of tumor necrosis factor-medi...
0005622	ATP-dependent activity, acting on RNA
0005622	chaperone-mediated protein folding
0005622	peptide antigen recognition protein signal...
0005622	regulation of antimicrobial peptide prod...
0005622	regulation of antimicrobial peptide prod...
0005622	antibacterial peptide biosynthetic proces...
0005622	antibacterial peptide production
0005622	inhibition of cysteine-type endopeptidas...
0005622	inhibition of cysteine-type endopeptidas...
0005622	interleukin-1-mediated signaling pathway
0005622	DNA recombination
0005622	deamination
0005622	positive regulation of antibacterial pep...
0005622	positive regulation of antibacterial pep...
0005622	cellular response to type I interferon
0005622	type I interferon signaling pathway
0005622	microbody
0005622	peroxisome
0005622	ribose activity
0005622	telomere organization
0005622	regulation of DNA biosynthetic process
0005622	programmed necrotic cell death
0005622	regulation of biosynthetic process of an...
0005622	biosynthetic process of antibacterial pe...
0005622	response to glucagon
0005622	telomere maintenance
0005622	isomerase activity
0005622	fatty acid derivative biosynthetic proce...
0005622	positive regulation of biosynthetic proc...
0005622	amino acid activation
0005622	RNA aminoacylation
0005622	ligase activity, forming carbon-oxygen b...
0005622	aminoacyl-tRNA ligase activity
0005622	protein exit from endoplasmic reticulum
0005622	endoplasmic reticulum to cytosol transpo...
0005622	transgrade protein transport, ER to cyto...
0005622	MYD88-independent toll-like receptor sig...
0005622	regulation of defense response to fungus
0005622	ribosome binding
0005622	cellular response to lipoprotein particl...
0005622	protein-DNA complex subunit organization
0005622	isoprenoid metabolic process
0005622	cellular detoxification
0005622	translational elongation
0005622	response to oxygen radical
0005622	mitochondrial structure unwinding
0005622	CD40 receptor complex
0005622	RNA modification
0005622	acetyl-Lysine metabolic process
0005622	cullin-RING ubiquitin ligase complex
0005622	transferase activity, transferring dme-c...
0005622	transcription factor activity
0005622	regulation of telomere maintenance
0005622	regulation of cellular response to heat
0005622	response to mucous secretion
0005622	response to lipoprotein particle
0005622	monocarboxylic acid catabolic process
0005622	fatty acid catabolic process
0005622	combinational repair
0005622	double-strand break repair via homologou...
0005622	catalytic activity, acting on DNA
0005622	adenosylmethionine-dependent methyltra...
0005622	antioxidant activity
0005622	telomere maintenance via telomere length...
0005622	cellular response to cold
0005622	modulation by virus of host cellular pro...
0005622	N-kappaB phosphorylation
0005622	phospholipase A2 activity
0005622	regulation of cholesterol efflux
0005622	oxidoreductase activity, acting on CH-OH...
0005622	glutathione metabolic process
0005622	telomere maintenance via telomerase
0005622	telomere templated DNA biosynthetic proc...
0005622	regulation of telomere maintenance via t...
0005622	alkanesulfonate metabolic process
0005622	taurine metabolic process
0005622	response to tumor necrosis factor
0005622	N-kappaB/NF-kappaB complex
0005622	lipid oxidation
0005622	pyrimidine-containing compound metabolic...
0005622	regulation of cholesterol biosynthesis on the C...
0005622	oxidoreductase activity, acting on a sul...
0005622	regulation of telomere maintenance by via...
0005622	regulation of cholesterol efflu...
0005622	hydrocarbon metabolic process
0005622	protein alpha-mannosidase
0005622	protein alpha-mannosidase
0005622	STAT family protein binding
0005622	hydrocarbon biosynthetic process
0005622	positive regulation of biosynthetic process
0005622	positive regulation of antimicrobial pep...
0005622	regulation of antifungal peptide product...
0005622	antifungal peptide production
0005622	antifungal peptide production
0005622	lactate oxidation
0005622	negative regulation of DNA metabolic pro...
0005622	intramolecular ester bond hydrolysis, endo...
0005622	intramolecular ester bond hydrolysis, endo...
0005622	pyrimidine nucleoside metabolic process
0005622	disulfide oxidoreductase activity
0005622	regulation of non-canonical Wnt...
0005622	Derlin-1 retrotranslocation complex
0005622	L-cysteine metabolic process
0005622	systemic lupus erythematosus
0005622	taurine biosynthetic process
0005622	L-cysteine catabolic process
0005622	lysine kinase activity
0005622	cytoplasmic migration
0005622	cysteine dioxygenase activity
0005622	translational elongation
0005622	nucleoside monophosphate biosynthetic pr...
0005622	translational termination
0005622	mitochondrial protein-containing complex
0005622	ligase activity, forming carbon-sulfur b...
0005622	positive regulation of antifungal pep...
0005622	regulation of antifungal peptide biosynt...
0005622	peptide biosynthetic process
0005622	nucleotide-excision repair
0005622	peroxisome organization
0005622	DNA synthesis involved in DNA repair
0005622	postreplication repair
0005622	negative regulation of telomere maintena...
0005622	nucleosome, telomeric region
0005622	microbody lumen
0005622	peroxisomal matrix
0005622	transferase activity
0005622	pyrimidine-containing compound catabolic...
0005622	negative regulation of IRE1-mediated uni...
0005622	methoxy branched fatty acid biosynthetic ...
0005622	histone H2A phosphorylation
0005622	regulation of DNA replication
0005622	establishment of protein localization to...
0005622	protein localization to peroxisome
0005622	mitochondrial translation
0005622	RNA methylation
0005622	regulation of biosynthetic process
0005622	nucleoside biosynthetic process
0005622	interstrand cross-link repair
0005622	microbody membrane
0005622	electron transfer activity
0005622	transferase activity, transferring alkyl...
0005622	membrane protein proteolysis involved in...
0005622	regulation of intracellular calcium acti...
0005622	trans-synaptic signaling by endocannabin...
0005622	phosphatidylinositol 3-kinase-catalyzed ...
0005622	cell cycle DNA replication
0005622	basophilic granule protein
0005622	regulation of transcriptional elongation
0005622	regulation of DNA damage checkpoint
0005622	DNA repair complex
0005622	oxidoreductase activity, acting on the C...
0005622	telomere maintenance
0005622	acid-methyl ligase activity
0005622	glutathione transferase activity
0005622	transcription-coupled nucleotide-excisio...
0005622	sister chromatid cohesion
0005622	nuclear DNA replication
0005622	DNA endoreplication
0005622	nucleotide-excision repair, DNA incision...
0005622	DNA strand elongation involved in DNA re...
0005622	DNA replication initiation
0005622	nucleotide-excision repair, DNA damage r...
0005622	telomere maintenance via semi-conservat...
0005622	negative regulation of cell cycle checkp...
0005622	lagging strand elongation
0005622	nucleotide-excision repair, chromocenter
0005622	DNA endoreplication
0005622	oxidoreductase activity, acting on the C...
0005622	negative regulation of DNA replication
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