

JKL BP

CR2	CR4	HP
acute inflammatory response	anion transport	chemical homeostasis
aging	blood circulation	heterocycle biosynthesis
amine transport	cellular biogenic amine metabolism	ion transport
bone development	cellular nitrogen compound biosynthesis	pigment biosynthesis
carboxylic acid catabolism	circulatory system process	pigment metabolism
carboxylic acid transport	coenzyme metabolism	porphyrin-containing compound biosynthesis
cell aging	cofactor metabolism	tetrapyrrole metabolism
cellular biogenic amine metabolism	developmental growth	
cellular nitrogen compound biosynthesis	drug transport	
cholesterol transport	endothelial cell differentiation	
coenzyme metabolism	ether metabolism	
cofactor metabolism	extracellular matrix organization	
collagen fibril organization	extracellular structure organization	
developmental growth	fluid transport	
developmental maturation	glycerol ether metabolism	
DNA damage response, signal transduction by p53 class mediator	heterocycle catabolism	
drug transport	histidine family amino acid metabolism	
hormone metabolism	hormone metabolism	
intramembranous ossification	lipid transport	

CR2	CR4	HP
lipoprotein catabolism	lipoprotein metabolism	
mammary gland development	metal ion homeostasis	
negative regulation of cell projection organization	negative regulation of molecular function	
neuron migration	neurotransmitter transport	
nitric oxide mediated signal transduction	nitric oxide mediated signal transduction	
one-carbon metabolism	oxidation-reduction process	
ossification	peptide metabolism	
oxidation-reduction process	positive regulation of macrophage derived foam cell differentiation	
positive regulation of coagulation	protein folding	
protein folding	protein maturation	
protein maturation	protein processing	
protein polymerization	regulation of hormone levels	
regulation of hormone levels	regulation of tube size	
regulation of macrophage derived foam cell differentiation	response to drug	
response to endogenous stimulus	response to endogenous stimulus	
response to heat	response to extracellular stimulus	
response to hormone stimulus	response to hormone stimulus	
response to inorganic substance	response to inorganic substance	
response to metal ion	response to metal ion	
response to nutrient levels	response to protein stimulus	

CR2	CR4	HP
response to oxidative stress	response to temperature stimulus	
steroid metabolism	response to wounding	
transmembrane transport	response to xenobiotic stimulus	
vasculature development	secondary metabolism	
visual perception	steroid metabolism	
vitamin metabolism	sulfur compound biosynthesis	
	sulfur compound metabolism	
	transmembrane transport	
	urea transport	
	urogenital system development	
	vitamin metabolism	
	water transport	
	JKL CC	
CR2	CR4	HP
anchored to membrane	anchored to membrane	extracellular region part
apical part of cell	apical part of cell	intrinsic to plasma membrane
apical plasma membrane	apical plasma membrane	mitochondrial matrix
cell fraction	cell fraction	
cytosol	cytosol	
endoplasmic reticulum	endoplasmic reticulum	
endoplasmic reticulum lumen	endoplasmic reticulum lumen	

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extracellular matrix	extracellular region	
extracellular region	extracellular space	
extracellular region part	insoluble fraction	
extrinsic to membrane	melanosome	
fibrinogen complex	membrane fraction	
insoluble fraction	microbody	
melanosome	microsome	
membrane fraction	mitochondrion	
microbody	peroxisome	
microsome	protein-lipid complex	
peroxisome	soluble fraction	
plasma membrane	vesicular fraction	
soluble fraction		
vesicle		
vesicular fraction		

JKL MF

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amine transmembrane transporter activity	acetylgalactosaminyltransferase activity	5-aminolevulinate synthase activity
anion transmembrane transporter activity	anion binding	cofactor binding
ATPase activator activity	anion transmembrane transporter activity	pyridoxal phosphate binding

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ATPase regulator activity	carboxylesterase activity	serine hydrolase activity
carbonate dehydratase activity	carboxypeptidase activity	serine-type peptidase activity
carboxypeptidase activity	chloride ion binding	substrate-specific channel activity
coenzyme binding	coenzyme binding	transferase activity, transferring nitrogenous groups
cofactor binding	cofactor binding	vitamin B6 binding
drug transmembrane transporter activity	drug transmembrane transporter activity	
electron carrier activity	electron carrier activity	
heme binding	glutathione transferase activity	
ion binding	heme binding	
iron ion binding	intramolecular oxidoreductase activity, transposing C=C bonds	
metal ion binding	ion binding	
neurotransmitter transporter activity	iron ion binding	
nitric-oxide synthase regulator activity	lipoprotein particle receptor binding	
oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen,	low-density lipoprotein particle receptor binding	
peptidase inhibitor activity	manganese ion binding	
steroid dehydrogenase activity	neurotransmitter transporter activity	
steroid dehydrogenase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	nitric-oxide synthase regulator activity	
structural molecule activity	ornithine decarboxylase activity	
tetrapyrrole binding	oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen,	
TPR domain binding	serine-type endopeptidase inhibitor activity	

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transaminase activity	steroid dehydrogenase activity	
unfolded protein binding	steroid dehydrogenase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor	
vitamin B6 binding	sulfotransferase activity	
vitamin binding	tetrapyrrole binding	
xenobiotic transporter activity	TPR domain binding	
	transaminase activity	
	transferase activity, transferring alkyl or aryl (other than methyl) groups	
	transferase activity, transferring nitrogenous groups	
	unfolded protein binding	
	vitamin B6 binding	
	vitamin binding	
	water transmembrane transporter activity	
	xenobiotic transporter activity	