

acetylcholine-gated channel complex cytosolic region endoplasmic reticulum lumen

ER to Golgi transport vesicle membrane

focal adhesion lumenal side of membrane

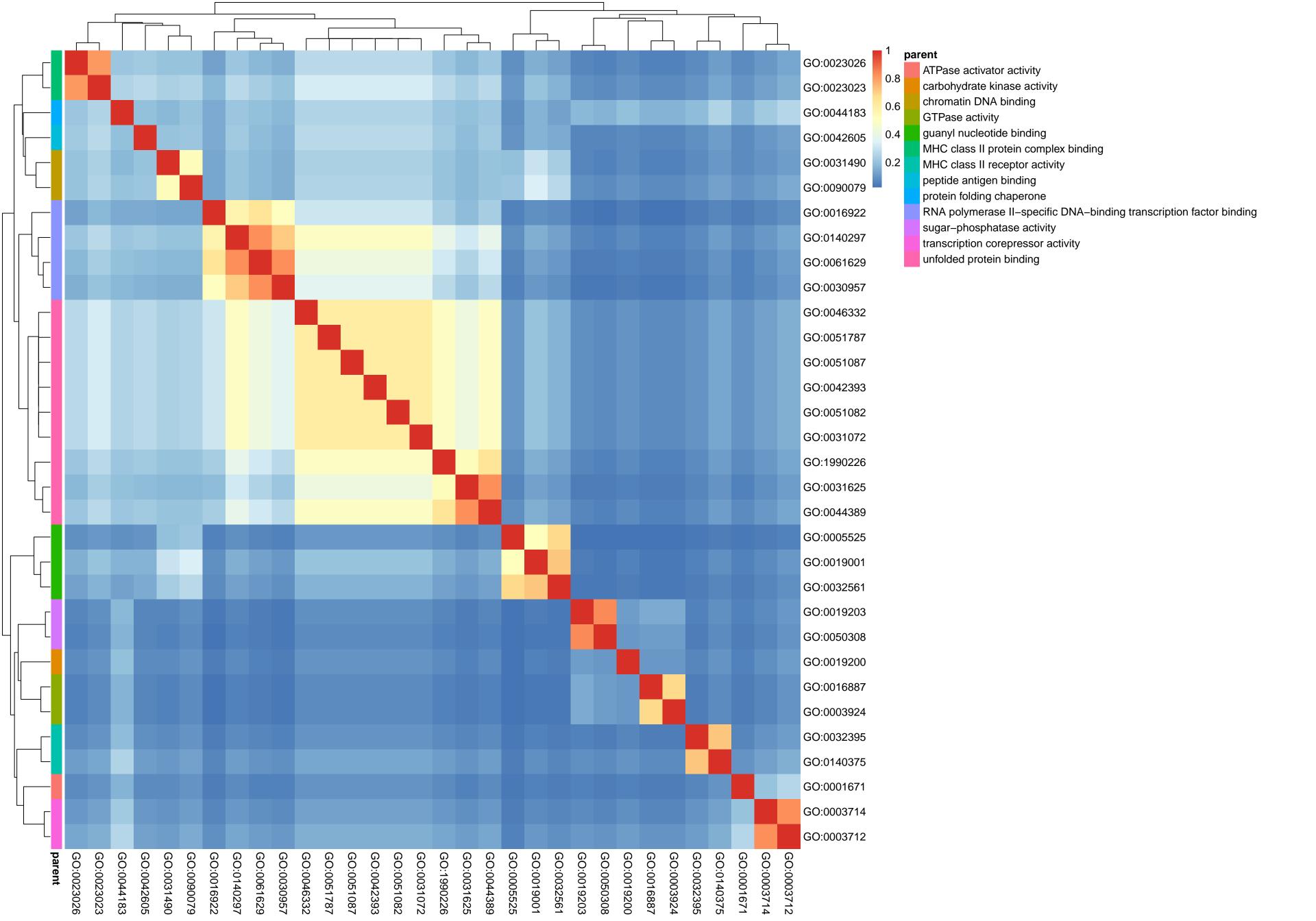
main axon MHC class II protein complex microvillus

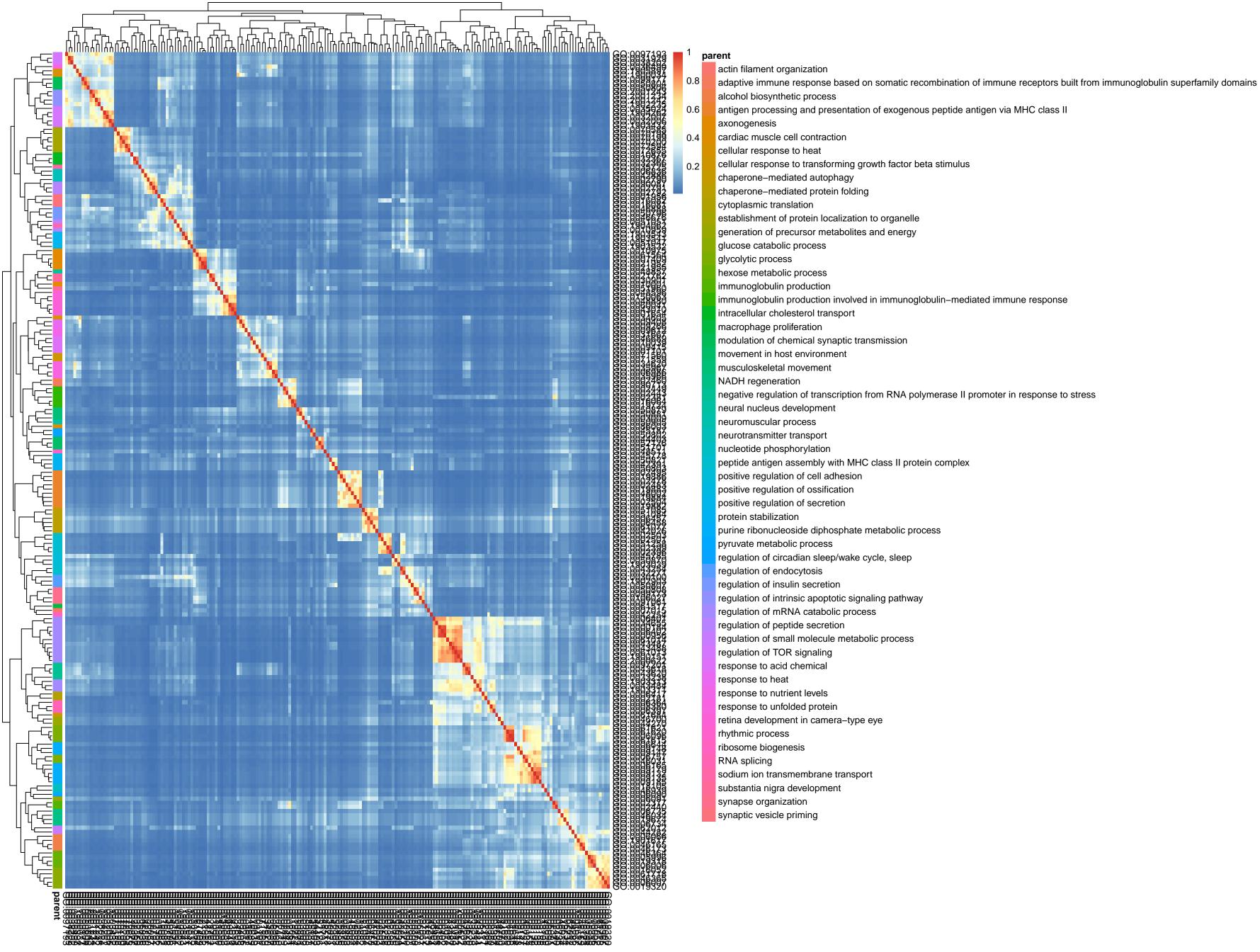
> myelin sheath preribosome, large subunit precursor

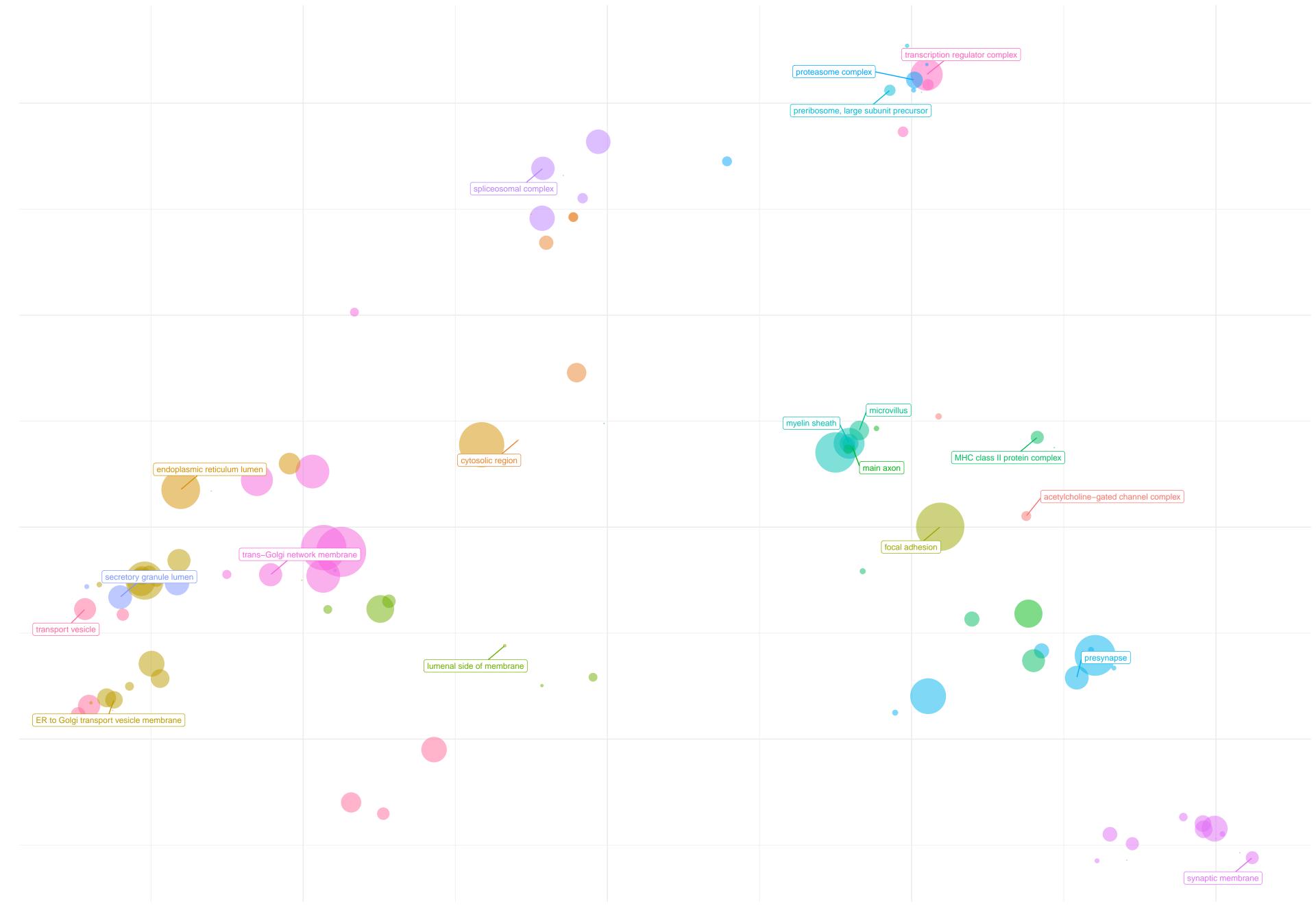
presynapse proteasome complex secretory granule lumen spliceosomal complex synaptic membrane trans-Golgi network membrane

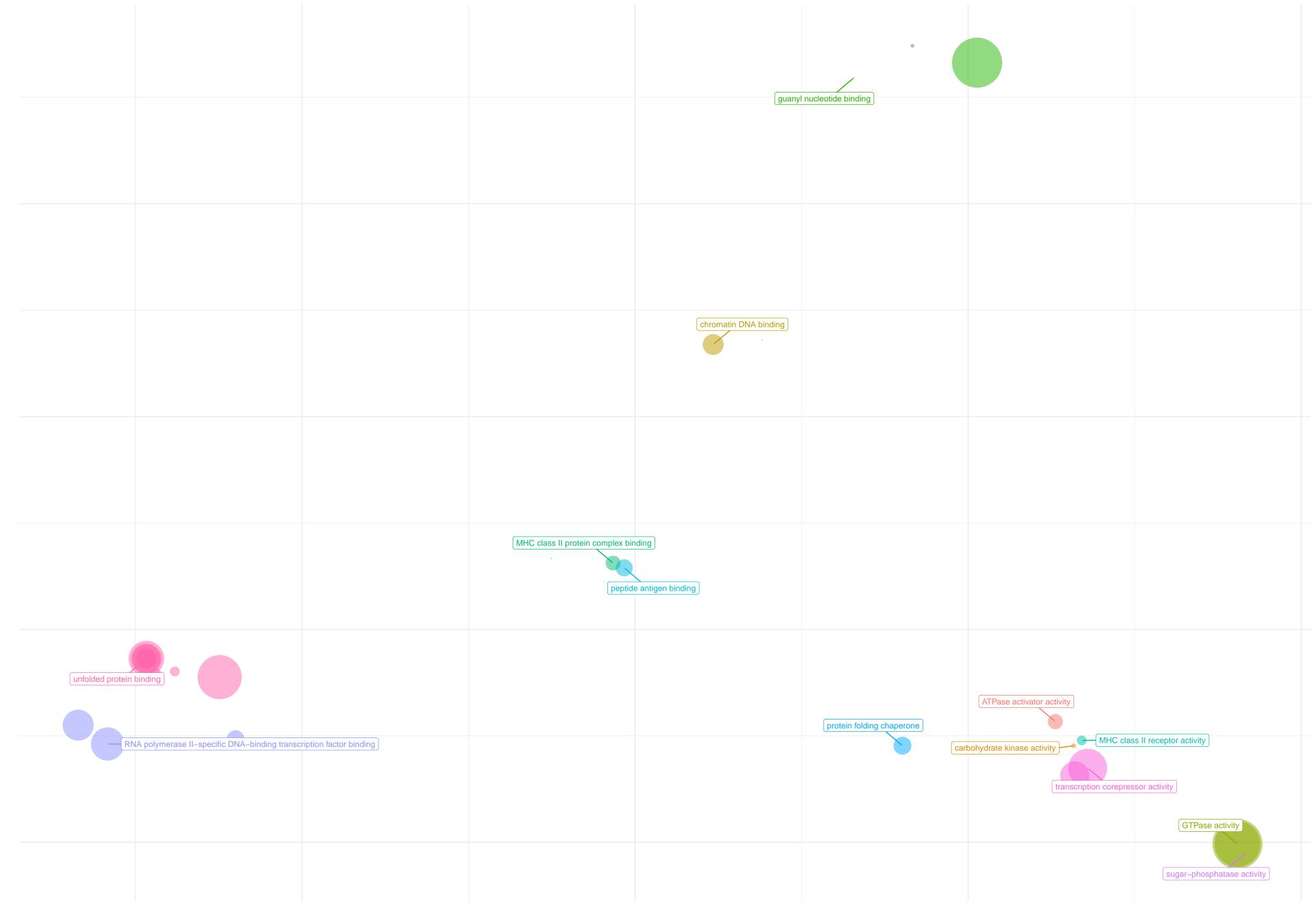
transcription regulator complex

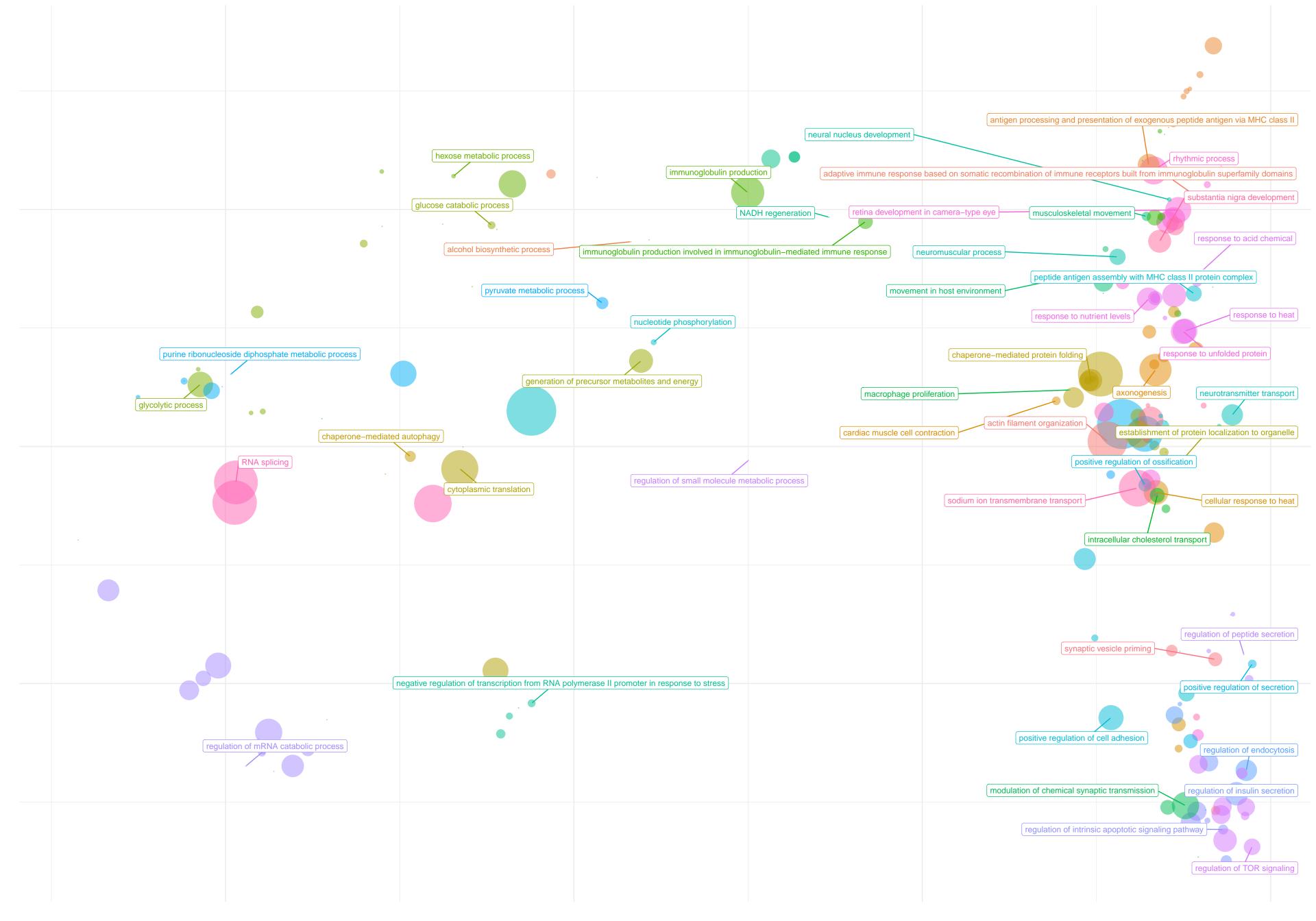
transport vesicle











ER to Golgi transpo vesicle membrane		COPII-coated ER to Golgi transport vesicle	clathrin–coated vesicle membrane	synaptic vesicle	exoc	cytic vesicle	transport vesicle membrane	lumenal side of membrane		cor ne en r	integral component of endoplasmic reticulum membrane		presynapse		lutamatergic synapse
clathrin-coated endoc vesicle membrane		late endosome R to Golgi transport membrane			transport vesicle exocytic vesicle membrane		secretory granulo	of endonlasmic		intrinsic component of organelle integral component of lumenal side of endoplasmic		presynaptic active zone		ynapse asymmetric postsynaptic synapse specialization	
	endocytic vesicle	pigment granule	coated vesicle	transport vesicle	synaptic vesicle membrane		integral component of synaptic vesicle		omponent of membrane	membrane lumenal side of		postsynap	otic density	neuron to ne	uron synapse
late endosome	membrane	clathrin-coated vesicle	early endosome				membrane	neuron cyto main axon		spliceosom	al RNA p	oolymerase II nscription	cytoplas vesicle lu		secretory
synaptic membrane	integral component of presynaptic membrane	intrinsic component of synaptic membrane	postsynaptic density membrane	proteasome comple	ex	endopeptidase complex	main axon		dendritic spine	spliceosomal com		ator complex		etory granule	lumen lin-1-rich
	intrinsic com synaptic me presynaptic membrane	component of sy mbhaffaynaptic specialization	egral component of naptic membrane	proteasome complex		ex	node of Ra	nvier	vier neuron spine		prespliceosome -type prespliceosome		catalytic step 2 vesicle lur pliceosome		ndocytic
presynaptic membrane	postsynaptic postsynaptic specialization membrane membrane		presynaptic active zone membrane		ılex	proteasome accessory complex	cytosolic region eukaryotic 43 preinitiation complex		preinitiation complex	transcr	iption	TORC2 complex		vesi	cle lumen
		trans-Golgi network	Golgi apparatus				SNARE complex	eukaryotic translation initiation factor 3 complex	translation preinitiation			egulator complex chaperone complex		channel complex	
trans–Golgi network membrane			subcompartment	MHC class II proto					midbody		TOR complex		- chaperone complex		ome, large precursor
	trans-Golgi netwo	nuclear envelope	mitochondrial inner membrane		Protein 60	THISIGN.	myelin sl	myelin sheath			endoplasmic reticulum lumen endoplasmic ret		nuclear speck ti culum lumen		
lysosomal membrar	vacuolar membrane	endoplasmic reticulum chaperone complex	nuclear membrane	T-tubule respirasom		MHC protein complex	photoreceptor in	iner segment r	neuronal cell body	vacuola	lumen	lysoson	nal lumen	microvillus	focal adhesion

unfolded protein binding			heat shock prof	tein binding		otein complex binding tein complex binding		MHC class II rece		GTPase activi		
histone binding chaperone binding ubiquitin protein ligations.		misfolded properties of the binding series o		ed protein binding	MHC proteir	n complex binding		immune recep	tor activity	ATP hydrolysis activity		
				IAD binding protein ligase binding	transcription corep	transcription pressor activity coregulator activity	au.	GTP binding guanyl nucleotide b	guanyl inding onucleotide binding	peptide antigen bi	nding	
DNA-binding RNA polymerase II-specific DNA-bindingRNAspolymerase II-specific DNA-bind factor binding		ding transcr	n factor binding iption factor bind at protein binding	nuclear receptor binding	protein folding	chaperone	chr	romatin DNA binding omatin DNA binding ranslation regulator sity, nucleic acid binding		sugar-phosphatase osphatase activity ty activity	carbohydrate kinase activity	

of exogenous pentide antigen and peptide antigen	presentation of presentation presentation of presentation of presentation of presentation presentation of pres	ntigen processing and presentation of peptide or polysaccharide ntigen via MHC class II	response to un	nfolded protein onse to unfolded	resp unfold I protein cellula	ellular conse to led protein ar response cologically	ATP generation from ADP ADP mglycolyti process	ic process proces glucose–	lycolytic Sess through -6-phosphate	eye retina dev in camera	eye development	resį	ponse to heat ponse to heat response to	catabolic cat	abolic ocess de	centra aaxonogenesis velopment egulation glial ce differentia	ation al ystem ion on nesis
antigen processing and presentation of		response to t	incorre	ect protein	canonical glycolysis prod		glycolytic visual system ocess through		camera-type temp		erature stimulus	carbohydrate catabolic	(of neuron nervou			
presentation of exogenous	antigen exogenous₄peptide antigen via MHC class II presentation of exogenous antigen		incorrect protein					-6-phosphate	development	eye morphogenesis			process		rojection neuror		
peptide antigen					unfold	K-mediated ded protein sponse	establishment prote	ablishmen ein localiza chromosor	ation negative	9	gulation of	egulation f peptide	negative regulation of peptide		h	exose monosaccha	naride
antigen processing	antigen		mRNA catabolic of mRNA metabolic		regulation of RNA splicing	mRNA catabolic process	localization establishment of pro		ation restrai	NA polymerase RNA polymerase negative regulation of in ranscription from RNA trespolymerase II promoter		regu	secretion	cellular response to cellular response to	neat pi	tabolic metabolic process exose metabolic process	process metabolic
and presentation of peptide antigen	antigen processing and presentation of endogenous peptide antigen		nuclear-transcribed mRNA caregulation process	regulat		s of mRNA	protein localization to mitochondrion establishm of protein localization to telome	in localizati on chromos	ein region DNA trans	response to s -templated scription in nse to stress	of cellular of p	ulation peptide nsport	of transport regulation of metal ion	regulation of regular response to endoplasmic responseticulum stress hea	ular m	lucose etabolic rocess monosacch biosynthe	netic
chaperone-mediated protein folding	pro	otein folding	RNA catabolic process	l of mRNA		process eed c ted	regeneration me NADH regeneration		RNA splic	plicing rRNA processing	regulation reputation positive regulation	esionion ation of	adaptive immune response somatic recombination of receptors built from adaptive immune response limits omatic recombination of i receptors built from immunoglobulin superfamily immunological memory proces	movement in host in movement movement in host in movement environment in environment environment in host in movement environment in environment environment in environment environment in host in movement in host in	nteraction nent with host	modulation of chemical modulation of synaptic chemical transmission positive regulation	
chaperone-mediated protein folding 'de novo' protein folding protein refolding		production involved in immunoglobulin-mediated immune response immunoglobulin production in immunoglobulin-mediated immunoglob		munity on involved in nmunity		metabolic meta process proc multicellular organismal	abolic cess oskeletal	substantia r developme substant	antia nigra elopment estantia nigra regulation of nervous		amide smitterort ort memory processors memory memory processors me		protein stabilization	regulation illization memorane potential	regulation of insulin sregulation iŋsৣulin,secretion regulation of	gative ulation of	
				immunoglobulin mediated immune response leukocyte m			momuscúloskeletal movement		midbrain development positive		peptide secretion		localization nucleotide	or activity cytoplasmic	immunoglobuli		
chaperone cofactor–dependent protein refolding	post-	de novo' -translational tein folding	regulation of TOR signaling	TORC1 signaling	signaling	negative regulation of TORC1 signaling	alcohol _{hy}	rganic	positive regulation of positive re positive regulation		synaptic s vesicle synaptic ve priming priming positive regula	locking J	phosphorylation phosphorylation peptidyl-serine phosphorylation	cytoplasmic translation regulation of translation	product immunogle product molecu mediato immune res	op _f developme ar of	
MHC class II protein complex assembly	MHC protein	peptide antigen assembly with	regu TOR signaling	apoptotic	regulation	negative regulation of Rho protein signal transduction	procealcohobios biosynthetic process	synthetic	of exosomal secretion synapse organization synapse or	neuron projection organization ganization	generation of precursor generation metabolites precursor and energy	n of ellular of ellula	pyruvate metabolic proces	regulation of small molecule metabolic process	response respons mutrient l levels		
peptide antigen assembly	complex assembly with MHC class II	MHC protein	diphosphate phosphorylation	purine ribonucleoside diphosphate metabolic	nucleoside diphosphate metabolic process	pyrimidine nucleoside triphosphate biosynthetic	resp	ponse to		dendritic spine organization	metabolit heterocycle and ener catabolic process regulation of	process	sodium ion transmembrane transport	cellular response to transforming growth factor beta stimulus	positi regulatio ossifica	on of process	
peptide antigen assembly with MHC class			purine ribonucleoside diphosphate m purine nucleoside ribonucleoside		te metabolic	pyrimidine	response to acid chemica	ion intr		of apoptotic tio்றுச்நிg pathway apoptotic	endocytosis regulatior	of synapse		regulation of	cardiac m	autophagy	
II protein complex	[protein-containing]	rotein nerization polymerization	diphosphate metabolic process	diphosphate metabolic process	phospholipid metabolic process	nucleoside triphosphate metabolic process		onse to neg	egative regulation Signaling of intrinsic coptotic signaling pathway		regulation of supramolecular fiber organization		rhythmic process	circadian sleep/wake cycle, sleep	macropl prolifera		