## Genes lost in Myriapoda BP TreeMap

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adult	adult soma	atic amphid sensory	analia	anterior/posterio	<sub>r</sub> axis	biomineral	bone	branch fusion, open	activation of innate	defense		innate <sub>r</sub>	elanization	mitigation m	odulation ne	egative nega	negative	cell wall	cell-substrat	te centriole	centriole	cilium	cilium	eneray		modulation by virus of	modulation by	modulation by	negative regulation	acute	acuto phaso	aggregation	behavioral	cellular	cellular
cuticle	muscle developme	ent organ	developm	ent axis specification		tissue development	growth	tracheal	immune	response	fibrinolysis	immune	defense		y virus of reg st immune of	of blood of imn	regulation o inflammator	organization	junction assembly	assembly			organization	homeostasis	hemostasis	host cell	G0/G1 transition	G1/S transition	of catalytic	nflammatory response	response	sorocarp	response to	response to racetylcholine	response to desiccation
developmer	nt '	developme cell adhesio		central	central	chitin-based	giona	system collagen and	response	to fungus		response		symbiont	coa	agulation response	nse response	collagen	cortical	cytoplasmic	establishment o	of external	female	pegative	negative	cycle negative	negative	negative	negative	cellular	cellular	development		collular	cellular
branching morphogenesi	cartilage		nervous	nervous system	nervous system		coagulation	cuticulin-based	antibacterial humoral	response to	negative regulation of	regulation of adaptive	positive regulation of antibacterial	regulation of re	gulation of reg	gulation of regulat atimicrobial defer	on of regulation	fibril	microtubule	microtubule	mitotic sister chromatid	encapsulating structure	meiotic nuclear	regulation of	regulation of epithelial cell	regulation of	regulation of macrophage	regulation of multicellular	regulation of oxidative stress-induced	response	response	cellular response to	cellular response to	response to	esponse
of a nerve	ooridorioda	morphogenes	sis developm	ent formation	morphogenesi	development		development	response	bacterium	innate immune response	immune	process	antifungal ar	humoral	peptide respon		organization	organization	organization	cohesion	organization	division	coagulation	process	migration	migration	organism growth	neuron death	to gamma radiation	to heat	hypoxia	lipopolysaccharide	bacterial origin	to UV
cuticle developmen involved in collager	embryonic development vi	embryonic via digestive	embryonic digestive tra	female analia	female genitalia	female sex	gastrulation involving	gastrulation with mouth	antifungal innate	defense response to	negative regulation	positive regulation	positive	positive	positive re	egulation of regular	ion of regulation of	fusion of sperm to egg plasma	kinetochore	lipid droplet	male meiosis	male meiosis	male	regulation	regulation of	positive regulation	positive regulation	positive regulation of	positive regulation of	defense	detection of	detection of		detection of	lamentous growth of
and cuticulin-bases cuticle molting cycle	the syncytial blastoderm	tract developmen	morphogene:		developmen	differentiation t	germ band extension	forming firs	immune	Gram-positive	of leukocyte	of detection of mechanical stimulus involved in sensory	regulation of response	regulation of response	regulation ar	ntimicrobial antimic	robial defense ide response to	membrane involved in single fertilization	assembly	disassembly	segregation	separation	meiosis I	of T cell apoptotic	sleep/wake	of eating behavior	of feeding behavior	immune effector process	keratinocyte proliferation	response	involved in sensory perception	chemical	lipopolysaccharide	mechanical estimulus	nicellular organisms n response to biotic
	gastrulation	1	V	la	rval	learni ben	liquid	lumen	response	defense	chemotaxis negative	perception of touch	to external stimulus	to oxidative stress	mediated immunity	humoral pep response produ	ction virus by hos	t	male n	nembrane fusion involved in	nicrotubule	mitochondrial	mitotic sister	process negative	positive	positive	positive	positive	positive regulation of		in a a atiaida	Stillulus	,	Stilluius	Sumulus
cuticle developmen	with mouth forming	instar larval development	Kupffer's vesicle		-based lar	val larval lym pment gland		formation, al open tracheal	humoral immune response mediated	response to other	regulation of	positive regulation of	regulation	n regulation	of regulation	n of respons	regulation of	fusome	meiotic nuclear	viral entry into host cell	anchoring	outer membrane translocase complex assembly	chromatid	egulation of	of leu	itive r		regulation of	protein localization to	lamentous growth or a population of inicellular organisms	insecticide metabolic	macrophage	negative	olfactory	positive
revelopmen	second		development	devel	opment	петтороїе	system	system	peptide		ulatio	n of ir	of defens	immur	response	ponse	cell mediate immunity		division	D/	neitivo.		Segregation	replication	imm		_		cell cortex	in response to starvation	process	chemotaxis		behavior	chemotaxis
cuticle	genital disc	maintenance of epithelial	nematode male tail	nerve no	itum not	odontogenesi	peripheral	positive regulation	antimicrobial	defense	regulation	positive	regulation	regulatio		se	suppression by virus	of	sister	chrom	atid co	ohesio	n protein complex	neuronal	regula O	f multi	cellula	ar lation	of regulation of		resp	onse t	to stim	ulus	response
pattern	development	it open tracheal	tip (	development devel		genesis dentin-contai	system developmen	of gonad	humoral response	response to protozoan	of response to external	regulation of immune	of humora immune	of wound	to hos	respons to hos	and presentation of	assembly	l <sup>°</sup>	assembly	hesion organi	ization assembly	oligomerization	action	med Orga	anisma	l prod	ess	nic migration	gravitaxis	to	to	oxidative stress	to	to heromone
formation		system	positive			regulation	on	it development	antimicrobial	defense	stimulus	response	response	healing	defense	es to 1103	class II suppression by			us.	con	ototo i ii		ootential	immunity positive	positive roa	ulation		_, regulation		caffeine	nistamine	response	paraquat P	
dauer larva	germ-band	male analia	regulation		llation regula	of	regulation of gonad	regulation of nematode	peptide	response	of type I interferon-mediated	regulation of innate immune	regulation of		virus of ho		by virus of host type	heterochromatin	meiotic chromosome	nucleolus organization hom		otate spindle ction pole boo		platelet	regulation of multicellular	regulation of T cell	of of ser	ation regulation stem cel		humoral	response	to salt	to	to water	salt
developmen	t shortening	development	tupe	develo	pmen	embryor cell sha	nic developmen	larval development	production	to virus	signaling pathway	response	response	bacteriur	compleme activation		ty interferon-mediated signaling pathway	organization	separation		asse	embly <sup>duplicati</sup>	on organization	aggregation	organism di growth	ferentiation ovip	osition perce	ption maintenan	on apoptotic process	immune response	to DDT	stress	vitamin d	leprivation a	iversion
	germ-line	male	positive	regulation of		ccii sila	stomata	syncytial	complement	detection	negative regulation	positive regulation of	regulation of innate	response t defenses o	1 1 1 1 1 1	of of host viral-induce		homologous	meiotic	plasma	-			positive	positive	reg	ulation				response		harmosansoru		
determination of adult	stem cell population	genitalia		tube size, open tracheal SI	eepsp	ore sporulat	tion comple	x blastoderm	activation	of bacterium	of wound healing	melanization defense	immune	other	host IKB	KE recognition recepto		chromosome	nuclear	membrane ce	of ====================================			regulation of apoptotic	regulation of natural killer	protein stabilization phar	of yngeal			involved in response to	to	response "	behavior		
lifespan	maintenance	development	development	system	- germ	nation	patternir	ng cell cycle	defense	detection	- ricalling	response positive	response regulation of	organism	activity suppressi	ion			division	fusion rep	ilication = =			in development	cell activation	pui	nping			exogenous dsRNA	ecdysone	10 SIGIOI			
	head	maternal determination of	positive regulation	regulation to	rminal cuts	cheal growth,	tube	ventral	response to	of external biotic	partie appear o' organe mones representante e conservamente o' organe a conservamente organe a conservamente organe a conservamente	regulation of response to	macrophag	respons	hoot MDA	of		homologous	meiotic sister	positive rib			=	positive	positive regulation	reg	ulation ensory			nflammete	response	response \	wound		
digestion	involution		of vulval		egion o	pen trunk	ation	furrow	bacterium	stimulus		piotic stimulu	chemotaxi	s to fungu	activity			chromosome segregation	chromatid	centriole S	ubunit ===			border follicle	of nervous system	abilization perd	eption			response	to heat	to	healing		
		negative	development		tia	cheal segments stem		n formation	acetylcholine	choline	fatty acid elongation,	glutathione	heparan sulfate proteoglycan	heparan sulfate proteoglycan p	ydrogen eroxide int	terstrand juver	nile lauric aci	С	cohesion	bio	genesis ====			cell migration	process	of	pain		negative	cytokine		vitamin K			
dorsal trunk growth, open	hematopoietic or lymphoid	regulation p	oost-embryonic body	salivary gland th	ymus <sub>v</sub>	ulval			catabolic process	metabolic process	monounsaturated fatty acid	metabolic process	biosynthetic bio process, enzymatic po modification bio	osynthetic process, olysaccharide chain iosynthetic process	atabolic	renair	metaboli process	asymmetric	cell	cell wall o	rganization	cell-cell adhesion via CE	II-cell cell-	-cell rec	ceptor cell surfac	pattern interleukin-17-m	edated Spopolysaccharide-	negative regula mediated of extrinsic	ation regulation	production	n dosage compensation b	<sub>by</sub> dosage	interferon-gamma	interleukin-1	negative regulation of cytokine
tracheal system	organ development	larval r development	morphogenesis n	norphogenesis deve	lonmont	lopment			antimicrobial	chondroitin	fatty acid	Lewis a	modulation		process	proc		cell division	recognition	biogenesis	or piogenesis	adhesion adh	nesion recog	nition sign	naling signaling thway	signaling path sathway	any signaling path	apoptotic signs pathway	signaling	inflammato	ry of X chromosom	compensation	n production	production	in inflammatory response
	imaginal	negative				100 TOOL 1000 TO		# I I I I	peptide biosynthetic	sulfate biosynthetic	elongation, polyunsaturated	epitope	by virus of	neurotransmitter ph	osphodiester	netabolic catal	pricionion	e asymmetric	cellular		ologorioolo	homophilic cell hor	notypic imm	une	a som detion	positive	positive requi	ation positive	paulway	positive	positive	positive	positive	positive	positive
dorsal/ventral axis	disc-derived male genitalia	regulation		segment tra	achea wir	g disc		26.	process	process	fatty acid	biosynthetic process	host gene	process		process	process	stem cell	oxidant	germ cell	cell-cell adhesion via plasma membrane pla cell adhesion	lasma membrane CE	ell-cell effe	ef a co	tidoglycan signal trave ition protein involved in o	spendent regulation fuction epidermal g	of of extrins apoptotic sign pathway	ation positive regulation c of I-kappaE kinase/NF-kap	positive regulation of B lipopolysaccharide-med signaling pathway	regulation	regulation of interleukin-	regulation of	of regulation of	regulation of r	regulation of
specification	morphogenesis	s development	acvelopments	pecincation deve	nopment deve	lopment			cell wall	DNA	fatty acid elongation,	long-chain	pheromon	e		RNA	secondar	division	detoxification	migration	cell adhesion molecules	adhesion molecules ad	hesion prod	ess	ng pathway	signaling par	hway pathway	signaling	5,465	productio	beta production	production	production	production	production
embryonic	initiation	nematode	proximal/distal			ygotic man			metabolic process	integration	saturated	fatty acid metabolic	metabolic	rhodopsin	RNA 3'	phosphodiester protect bond ubiquitin-	metabolit	binding of sperm	involved in	intercellular	modulation by	natural n	euron phospha	idylserine negative	posit	ve positiv	e positive regul	ation positive regular ing of Wnt signali	ation ing regulation of	positive regulation	positive	positive regulation		regulation of	regulation
axis specification	of dorsal	larval development	pattern formation		hogenesis anteri	mination of pr/posterior s, embryo			cell wall	DNA	fatty acid	process	process	process	uridylation	hydrolysis, pro endonucleolytic	biosynthet process	to zona pellucida	reproduction in multicellular	transport	virus of host cellular		optotic expos	and alamate	regula	ion of	etroe	pathway involve		ecdystero metabolic	nte no	of type I	regula	tion	expression,
specification	closure	аотоюриюн		dendrite		davolonmental	E 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	dered desure	polysaccharide metabolic	cellu	ılar ca	rbohv	drate	metak	olic r	orocess	very long-chair	biological process	organism	1.700	process	activation pr	rocess		_					process			_		epigenetic
imphid sensor organ dendrite	component assembly	chorion-containing	collater		dendrite	process	dorsal appendage	dorsal closure, elongation of	process	development		process	biosynthetic	capping	3'-end	biosynthetic	fatty acid biosynthetic	involved in interspecies interaction	cytolysis	cell a	ctivat	ion syl	mmetric transf	nission Precepto	rotein l	kinase	signa	ling ca	ascade	regulation	n prof (	gene e	expres	sion	of tumor
retrograde extension	involved in morphogenesi	ils	sproutin	g by retrograde extension	self-avoidance	involved in reproduction	formation	leading edge cells	cellular polysaccharide	DNA	fatty-acyl-CoA	meiotic DNA double-strand	positive regulation	telomere	processi	process	process	between organisms		organism		d		ulse pathwa	y via STAT signal	ng		با		of gene expression	of immune respon	nse production	nuclease activity	metabolic process	factor
apoptotic	ogg coot		germ-line	germline glar	hemato	poietic intestina		male germ-line	catabolic process	recombination	metabolic process	break	of steroid biosynthetic	maintenanc via	e biosyntheti	ic = = = = =		cell-cell adhesion	egg	macrophage	platelet		xenobiotic	neg	gative posit	ve regulation	n TRAIL-activate	tumor necrosis	s = = = =	positive	positive	regulation	of	tumor necrosis	pioducion
process involved in	egg coat formation	germ cell development	stem cell a		elial cell proge	ell cell	cell	stem cell asymmetric	cellulose		gene	formation meiotic DNA	process	recombination	n process	三 三 二 三 三 三 三 三 三 三 三 三 三 三 三 三 三 三 三 三		membrane cell	activation	migration		transposition	and the back of the	cell r	ation of T regular receptor of No		nal apoptosic signaling C pathway	signaling pathway		of hormon	e tumor necros	interleukin- beta	-1 necrosis factor superfamily cytokin	superfamily	
developmen	t		division	division	differer	tiation developme	ent differentiation	division	catabolic	ecdysone biosynthetic	conversion at	double-strand	protein	telomere maintenanc	e zymoger				establishment or				process	pat	naling signa thway pathy	ay plasticit	у			process	production	production	production	production	
axon	eggshell	male germline stem cell	motor neuron		gative nega	neuron develop		neuron	process	process	mating-type locus	break processing	autoprocessing	via telomere lengthening	activation			cell	maintenance of epithelial cell		protein	transposition,		of tran	e regulation nsforming positive re-	regulation o	f In anatoming growth factor			positive	positive regulation	regulation of	suppression al by virus of		
guidance	chorion assembly	symmetric division	axon	epithelial cell keral	inocyte osteo			projection fasciculation	chitin	ecdysteroid	gene	melanin	regulation o	ıf				adhesion	apical/basal polarity	cell cycle	refolding	RNA-mediated		growth receptor	factor beta or signaling signaling p	ulation peptidoglyca ern recognition receptor athway pathway	ing involved in regulation in multicellular organism gri	7		interferon-gam production	ma factor superfami cytokine producti	ily gene	host gene		
			guidance	- Community Gillett	pos	itive	ro non-iti	positive	catabolic	biosynthetic process	conversion	biosynthetic process	biosynthetic	DNA-mediate				cell	execution	modulation by symbiont of	sperm-egg	vesicle-mediated		mod	ification modul	ation		plasma	activation of	blood		biotes	expression		######################################
axon	eggshell	maternal specification of dorsal/ventral	neuron projection	pole cell P	establi	tion of shment regulation	n ofregulation	of regulation of natural	process	negative	negative	negative	process		positive	positive	***************************************	aggregation	phase of	host cellular	recognition	intercential	Hegy State (SE-	by of	virus by sym	biont negative regular of reactive or	negativ	e lipoprotei	cysteine-type endopeptidase	coagulatio	n, histone H3-K36	histone H4-K16	6 G protein-coupled	calcium-mediated signaling using	cytokine-mediated
egeneration	formation	axis, oocyte, germ-line encoded		development forn	nation of end	othelial glial ce	ell glial cell on proliferation	killer cell	DNA biosynthetic	regulation of DNA	regulation of nucleic	regulation of transcription,	regulation of NF-kappaB	positive regulation of ribosomal protein	regulation of re reroid hormone tra	egulation of positive re of transcription elongation	positive regulation positive regulation of transcription on RNA involved in meior cell cycle	bile acid an	apoptosis	p.00035			oositive pos	cell itive requ	l cycle of hos	t cell species meta process	transposi	tion particle assembly	activity involved in apoptotic process	fibrin clo formation	methylatio	on acetylatic	recentor signating	intracellular calcium source	signaing pathway
				positive reg				of	process	recombination	acid-templated transcription	DNA-templated	NF-kappaB transcription factor activity	by RNA polymerase II	biosynthetic process DO	anscription elongation polyma promote liverage II	involved in meior cell cycle	bile salt	transmembrar		one-carbon compound	cation	gulation regular	ition of ium ion	sitive posi	ive positiv	e positiv	positive	nitochondri	al negative regulat	on negative	negative	extrinsic accounti	G	RE1-mediated
axonal	cell c	ompet	ition i	n a mu			ganisn	retrograde	a atara sha	negative	negative	nucleic	positive	regulation	regulation	reau	ation regulation	transport	transport	transport	transport	transport	glucose transmi import tran	reguesport of ap	ulation regulation of co	ition regulati ell of cel	on regulation of cell-c	on regulation ell centrosom	of protein ne catabolic	endopeptidase activity involved	regulation of in endopeptida:	of regulation of of peptidas	signaling pathway via death domain	protein-coupled receptor signaling pathway	unfolded protein
aconstitution				differentiation		ell ntiation differentia	ation specification	extension	assembly	of DNA	negative regulation of nucleobase-containing compound metabolic pnocess	acid-templated transcription	regulation of transcription,	or mormonic	of ketone biosynthetic	regulation of nucleic of F	of steroid hormone biosynthetic	carbohydrate transmembran	heme			protein F	protein pro	tein pro	ocess divis	on growt	n adhesic		process negative	apoptotic proce	ss activity	activity	receptors	pathway	response
B cell	enteroendocrine	mating	oocyte	regulation of cell	sr	sporulat				replication negative			DNA-templated	biosynthetick process	process	transcription proc	biosynthetic ess process	transmembran	transpor	of potassium ion transmembrane	prostaglandin secretion	insertion into mitochondrial	to locali	zation pos o equi:	sitive posit ation of regula	ve positive	regulation of cell	regulation	n regulation	negative	of peptidyl-cysteir	ne	negative regulation	netrin-activated	neuropeptide
differentiation	cell	type	development n	norphogenesis	sex	vall formation	n of muscle ce		mitochondrial	regulation of DNA-binding	negative regulation of reactive oxygen species hipporthetic	positive regulation of antimicrobial particle biographetic	regulation of antimicrobial peptide biosynthetic	regulation of	RNA-depend	dent silent mating-type	suppression t	clathrin-dependen	t hexose	transporter activity			romatin euchr	omatir ch	requi	ation o	of cell	of cell fate		Ilatio	n of n	rotein	of signaling	signal	signaling
	differentiation	cwitchin a		differentiation	ass	embly a cellul spore	Э		transcription	transcription fact	process	process	biosynthetic	transcription	hiocynthatic	cassette	virus of host IRF7 activity	endocytosis of virus by host cell	transmembrar	ne positive	regulation s	oodiaiii	nsport of irus in <b>trans</b>	SDOrt	_						-			_	
		switching		umerentiation					mRNA	regi	ilation	positive				rocess			lip	id exp	ort fro	om cell			compo	nent o	rganiz	ation	mod	lificat	ion pr	ocess	rectrar	nsduct	tion
bicoid	differentiation	switching	oocyte dorsal/ventral	regulation of	perm Sy	naptic vite	iline			of double-strand	regulation				virus of host	transcription,	transcription,	disaccharid	e	channel activity	transport	ansport t	o cell	chron	nocomo centros										signaling
bicoid mRNA localization	differentiation	switching		regulation of chondrocyte	: ts	arget memi	hrane =		transcription	of double-strand break repair via homologous	regulation of RNA biosynthetic	regulation of DNA methylation-dependent heterochromatin assembly	metrylation-dependent heterochromatin	transcription	NF-kappaB	transcription,  B DNA-template	d RNA-templated	4	transpor					segre	egation cycl	e		cytokines	sis			iogulation (	protein signaling	phototransduction	pathway via
mRNA	differentiation establishment of endothelial	switching mesodermal cell differentiation	dorsal/ventral axis specification	regulation of chondrocyte differentiation	: ts	arget meml	brane ation		transcription by RNA	of double-strand break repair via homologous recombination	regulation of RNA biosynthetic process	regulation of DNA methylation-dependent heterophomatin assembly	regulation of DNA methylation-dependent betweehormatin assembly	regulation of transcription involved in meiotic cell cycl	NF-kappaB transcription factor activity	DNA-template		transport	of virus		sodium ion import	ehalose		pos	egation cycl sitive regula	e tion regulation	suppression		E positive	protein_	oroteolysis	regulation of a		phototransduction	pathway via STAT toll–like
mRNA localization cell competition in	establishment of endothelial barrier	switching  mesodermal cell differentiation  mesodermal cell fate	dorsal/ventral axis specification	regulation of chondrocyte differentiation cap	acitation ta	arget meml	brane ation		transcription by RNA polymerase II mRNA	negative regulation of	process negative regulation of	regulation of DNA methylation-dependent betweenhouses assembly positive regulation of	regulation	meiotic cell cycl	e factor activity	translesion		epithelial	of virus	potassium ion transmembrane transport	across tr	ehalose ransport		pos	egation cycl sitive regula ulation of	omo UI Platel	suppression by virus o		positive regulation of peptidyl-tyrosine	protein processing	proteolysis	tau-protein kinase		Toll	pathway via STAT toll–like receptor 4
mRNA localization	differentiation  establishment of endothelial barrier	switching  mesodermal cell differentiation  mesodermal	dorsal/ventral axis specification	regulation of chondrocyte differentiation cap	acitation ta	arget memlognition form	brane ation		transcription by RNA polymerase II	recombination	process negative	positive		meiotic cell cycl regulation of transcription,	e factor activity	translesion		epithelial fluid		potassium ion transmembrane transport		rehalose ransport		pos regu	egation cycl sitive regula ulation of yoblast centros sion duplica	ome activation	host STAT	n = = = = = = = = = = = = = = = = = = =	positive regulation of peptidyl-tyrosine phosphorylation	processing	proteorysis	tau-protein kinase activity	regulation of Toll signaling	signaling pathway	pathway via STAT toll-like receptor 4 signaling
mRNA localization cell competition in a multicellular organism	establishment of endothelial barrier  fat cell differentiation	switching  mesodermal cell differentiation  mesodermal cell fate	dorsal/ventral axis specification oocyte growth	regulation of chondrocyte differentiation regulation of endothelial cell differentiation regulation of	acitation tareco	arget memlognition form.	brane ation ation		transcription by RNA polymerase II mRNA	negative regulation of double-strand	process negative regulation of RNA metabolic	positive regulation of heterochromatin assembly positive	regulation of DNA replication	regulation of transcription,	telomere maintenance transcriptic	translesion synthesis		epithelial fluid transport	of virus ion transmembrar transport	potassium ion transmembrane transport	across plasma membrane p	ransport		pos regu of my	yoblast centros sion duplica sitive regula	ome activation	host STAT	n = = = = = = = = = = = = = = = = = = =	positive regulation of peptidyl-tyrosine phosphorylation	processing	proteorysis	tau-protein kinase activity	regulation of Toll signaling	signaling pathway	pathway via STAT toll-like receptor 4 signaling pathway
mRNA localization cell competition in a multicellular	differensation  establishment of endothelial barrier  fat cell differentiation  female germ-line stem cell	mesodermal cell differentiation  mesodermal cell fate commitment cell fate c	dorsal/ventral axis specification  OOCyte growth	regulation of chondrocyte differentiation regulation of endothelial cell spent regulation of epithelial cell spent cell spent cell spent cell spent cell cell spent cell cell cell spent cell cell spent cell spent cell cell spent cel	natogenesis vascu	arget meml form.	brane ation		transcription by RNA polymerase II mRNA	negative regulation of double-strand	process negative regulation of RNA metabolic process negative regulation of	positive regulation of heterochromatin assembly positive regulation	regulation of DNA	meiotic cell cycl regulation of transcription,	telomere maintenance transcriptio	translesion synthesis		epithelial fluid transport exit of virus from host ce	of virus ion transmembrar transport	potassium ion transmembrane transport  potassium ion ion	across tr plasma membrane	ransport viral viral into host nucleus		pos regu of my	yoblast centros sion duplica sitive regula	ome activation	host STAT	n = = = = = = = = = = = = = = = = = = =	positive regulation of peptidyl-tyrosine phosphorylation	processing	proteorysis	tau-protein kinase activity	regulation of Toll signaling	signaling pathway	pathway via STAT toll-like receptor 4 signaling pathway
mRNA localization cell competition in a multicellular organism	differensation  establishment of endothelial barrier  fat cell differentiation  female germ-line stem cell	switching  mesodermal cell differentiation  mesodermal cell fate commitment  mesodermal	dorsal/ventral axis specification  OOCyte growth	regulation of chondrocyte differentiation regulation of endothelial cell endotheriation regulation of entitle cell endotheriation endotheriation regulation of entitle cell endotheriation endotheriation endotheriation en	natogenesis vascu	arget meml form form larget logarition form larget logarition form larget logarities log	brane ation		transcription by RNA polymerase II mRNA	negative regulation of double-strand break repair negative regulation of	process negative regulation of RNA metabolic	positive regulation of heterochromatin assembly positive	regulation of DNA replication	regulation of transcription, DNA-templated	telomere maintenance transcriptic	translesion synthesis		epithelial fluid transport	of virus ion transmembrar transport	potassium ion transmembrane transport  potassium  potassium  ion	across tr plasma membrane	ransport		pos regu of my	yoblast centros sion duplica sitive regula ulation of	activation activation regulation of reactive oxygen	host STAT		positive regulation of peptidyl-tyrosine phosphorylation	processing	proteorysis	tau-protein kinase activity	regulation of Toll signaling	signaling	pathway via STAT toll–like receptor 4 signaling pathway