Genes gained in Tardigrada BP TreeMap

cell adhesic	regulatio on phospha activit	tase cell-	lation of -matrix nesion	positive regulation of stem cell differentiation	silent mating–type cassette heterochromat assembly	biosy	cGMP biosynthetic process		cellular response to methylmercury		regulation of nervous system process	germ-line stem cell population maintenance	calcium ion homeostasis	suppression by virus of host type I interferon-mediated signaling pathway		mitigation of host defenses by symbiont	suppression by virus of host PKR activity	suppression by virus of host MDA-5 activity
cell	negative	negative	positive	negative	assembly						regulation	detection of chemical stimulus	modulation of biological	killing	a by	response to	gulation	
competition	regulation	regulation of	regulation of cellular	regulation	positive				modulation	of	of sensory		quality in	symbio	ont of	loculo of OI	defense	entry
in a	of catalytic activity	cell-matrix	component		rogulation	modulation		- musilage			process of o	ner organ	ISM organism	h	b	nost defense acterial		<u>pionu</u> ost
multicellular	•	biogenesi		coagulation	modulation k				other organism							origin \	virus	
organismen	organism cell competition in a multicellular organ mucilage suppress			ion negative	K63-linked	of host	ubiquitinatio	process			nitric oxide	response	vasodilation	cellu respor		viral optry	mitigation	modulation by
	cell-cell	metabolic			deubiquitination	translation					homeostasi		in other	lipopolysa	accharide	riral entry	of host	symbiont of
regulation	adhesion	process	host STA		suppression by		negativ	е	receptor-mediated	entry		histamine	organism		1110	o host cell	defenses	host innate immune
of body	negative		activity	activity	virus of host	negative regulat of type I interfer	Irogulatic	peptidyl-tyrosine phosphorylation	virion attachment virio	receptor-mediated virion attachment to host cell	t			maya	mont	odulation by	by virus	response
fluid levels	regulation	neuron			gene expression	production	of		1001 0011		of cytosolic calcium ion			move		symbiont of	suppress	
	of molecular	cellular	cell-			protein	cytokine production				concentration	wound healing				ost immune response		symbiont of host nnate immune response
	function	homeostasi	s recogr	negative	modulation by	modification b		e regulation	receptor guessilal			positive				and the second		regulation
platelet activation	long-term	regulation of	nega		symbiont of host translation	Siliali pioteli	of hete	erochromatin		s, did	smoothened		of		leukocyte	regulation of	egulation of T cell	of
	synaptic	coagulation	regulati		แลกรเลแบบ	conjugation	onjugation ass		receptor guanylyl cyclase signaling		signaling	smoothen	of sign			lymphocyte	apoptotic	leukocyte
	potentiation		adhes					male	pathway		pathway	signaling	recep		process	apoptotio		apoptotic
cell-substrate cell-substrate			ubstrate n	naintenance of	fusion of sperm to			germline	patiway			pathway	, activ	ity		ulation of ly apoptotic pr		process
mitotic sist	er junctio		ction	mitotic sister	egg plasma mei		atogonial	stem cell symmetric division	negative regusmoothe		r	neuropeptic	le negat	9	negative	regulation	of	T cell
chromatic	assem		nization	chromatid	involved in si	9.0	I division						regulati		regulation of leukocyte		mphocyte	
cohesion	4333111	o.ga.		cohesion	fertilizatio	n						pathway	Wnt sigr pathw	3	apoptotic		apoptotic	process
	2 2 2 4 5 2	regulatio	on l						recognition pro	otein	-		patriv		process	process	process	
	septin	of foca							signaling path	iway	nitric oxide	cellular	ulation of	gative				
centriole	cytoskele organizat	adhasin	incombined in male	otic adnesion		cystoblast			endoplasm		mediated ¹	response sm	oothened of si		succinate Insmembrane	succinate	neut	rophil
replication	า	assemb		assembly	germarium-derived female germ-line	cystoblast div	vision ^{t-type} sporogenesi	acrosome	reticulum unfo	lded	signal	robiotio	eathway rec	eptor	transport	transport	chem	notaxis
re	gulation of chr regulation		rganizatio	<u>n</u>	cyst formation		Sporogenesi	s reaction	protein respo	nse t	transduction	stimulus	ac	tivity		ļ.		
		rate regulation	of microtubul	HICIOLIC	_												regula	ation of
fusome	junction	n chromosor	ne polymenzati	cnromosome		seed				bion	mineral tissue	embryoni	too	:h	hême tr	ansportion	neut	rophil
organizatio	on assembl	y organization	on depolymeriza	segregation	female d	development	seed co		odontogenesis o		ninerar tissue evelopment	organ morphogene	esis minerali	zation	transport	transport	chem	otaxis
	ragulation	of chromoson	positive	e	germ-line		developn	nent germline stem cell	dentin-containin		oth minerali				•			
maintenance		of chromoson rate organization		on ^{positive}	stem cell			asymmetric division	tooth						iron			
	ister chromatid junction		of	regulation of heterochromatin	asymmetric micro	crosporogenesi	sperm-	egg			phogenesis of	enamel	ameloge		coordination	C4-dicarboxylate transport	roguit	ation of
cohesion		in maintic		3-3	division		recognit	tion		а	an epithelial sheet	mineralizat	1011		transport			ulocyte notaxis
		— Cell Cycle	— Jorganizat	ЮП							311661				Janoport		Cileii	Iotaxis