Genes gained in Tardigrada BP TreeMap

cGMP biosynthetic process	positive regulation of protein K63–linked deubiquitination	endoplasmic reticulum unfolded protein response	regulati of gen expressi epigene	regulation regulation of hydrola activity	nitric	signa transduc	ted red al motion	negative egulation of protein netabolic process	sile mating- casse heterochi assen	-type ette romatin		itriole cation	mitotic sister chromatid cohesion	modulation of process of other organism	interferen n	ost type mediated	movement in host
receptor guanylyl cyclase signaling pathway regulation of	positive regulation of stem cell	regulation of body fluid levels positive	negative regulation of coagulate	chemical stimul involved in sens perception of	TIILLIC OXIGE	regulation of neutrople chemota	res ohil hi axis	sponse to istamine	fusome		naintenance of mitotic sister chromatid	positive regulation of cellula componer	actomyosin apparatus involved in mitotic	mitigation of host defense by symbiont	entr receptor-m virion attactory	nediated chment	suppression by virus of host MDA–5 activity
	differentiation neuropeptide	regulation of mucilac smootheried signaling pathway	mucilade e metaboli biosynth proces	process ther organism	proteolysis	by virus host STA activity	of reg	gulation of osphatase activity	maintenand	heterochromati regulation chromoson		biogenesi organizatio actin	on meiotic chromosome	mitigation cellular response to lipopolysaccharide			
phosphatase activity negative regulation	signaling pathway	regulation		e cellular response to biotic stimulus regulation	regulation of peptidyl-tyrosine phosphorylation	granulocyt chemotax	rte v	wound nealing			involved in meiotic	positive egulation of chromatin	ositive regulation heterochromatin organization	cellular response to molecule of	modulation of biological quality in other organism	mitigation of hose defensed by viru	t symbiont of host innate immune
of peptidoglycan recognition protein signaling pathway	neutrophil chemotaxis	platelet activation	· I of		cell-cell	negative regulation of ephosphorylation	egulation of roteolysis	response	,		microtubule olymerization or	positive regulation of eterochromatin	regulation of eterochromatin assembly regulation of eterochromatin	regulation of defense response to	modulation by symbiont of host immune	suppression symbiont of host innate immune	of by symbiont
fusion of sperm to egg plasma membrane involved in single fertilization	spermatogo cell divisio	female	geriii-iiiie	cell competition in a multicellular organism	maintenance	plant–type sporogenes		acrosome reaction	heme coord	iron coordina entity	ntion iron i	on	organization	regulation le	response eukocyte apoptotic	negative regulatio	pative negative lation regulation of lkocyte lymphocyte
	male germ stem cel symmetri	ll g <mark>seed</mark>	female greed coat development cell asymmetric de		morphogenesis of an epithelial sheet	ename		tooth neralization	posi acylglycerheme tra		e regular		regulation cell-substra	atere		regulation of lymphocyte apoptotic process	
odontogenesis of dentin-containing tooth	division		oblast		seed coat development	_		c neural	positive	transpo regulation	•	ort cell-ce	ell adhesion	ell-substrate adhesion	ell apoptotic process regulation	leukocy apopto proces	yte lymphocyte apoptotic
	developme	ent div	ision	nicrosporogenesis	sperm-egg recognition	amelogenesis			regulation of acylglycerol transport		ide transp	negative	regulation of	pative regulation cell–substrate adhesion	of T cell apoptotic process		II apoptotic process