Genes gained in Acteonemertidae BP TreeMap

peptidyl-c S-nitrosy		glycoger biosynthe process	tic 1,6-bisphos metabol	_{ic} of vitami	negative regulation of cAMP-dependent protein kinase activity	centriole replication	CENP- containir nucleoso assemb	ng me cytolysi	syncytiun s formatior	differentiation biomineral	regulation of regulatory T cell differentiation	positive regulation	negative regu of ribosomal p gene transcr by RNA polym	orotein asse	n of DNA -dependent romatin positive regulation of telomere maintenance via telomerase	
			of STAT protein	positive regulation of amyloid-beta formation	positive regulation of phosphatase activity	sex determination	flagellated sperm motility	sperm motility	transcription-depender tethering of RNA polymerase II gene DNA at nuclear periphery	development pos CD4-pos myelo alpha-beta T cell	differentiation mine sitive regulation post	ralization of myeloid leukocyte differentiation positive on of regulation of		negative regula IA biosynthetic	negative egulation of NA metabolic process	
nitric oxide regulation biosynthetic process		on of protein ADP-ribosy positive regulation of protein deacetylation of STAT protein	positive regulation of reactive oxygen species metabolic process	gen of nuclease	stem cell division		drive chron	karyogam sion	involved in immune response	positive regulation different	negative regulation of bone of bone	regulation of nucleobase–containing compound metabolic	of DNA lemethylation negative	positive positive regulation of nuclease of nuclease activity agative regulation of		
negative regulation of glycogen catabolic process		positive regulation of	regulation of nembrane protein ectodomain proteolysis	exonuclease recall activity of me	ositive gulation protein steroid peptidyl-protyl etabolic process	bicoid mRNA localization	involved in cell motility	cell of me nucl divis	cohesion	fusion of viru membrane wi	th symbiont to	01 11011	process	RNA splicing DNA	scription, acid-templated transcription meiotic DNA	
		phosphorylation	of nitric oxide piosynthetic process	of steroid s biosynthetic process bi	egulation of steroid osynthetic process	meiotic cell cycle	chromosome separation generat	amete flagellum-d	pendent call motility	host plasma membrane	suppression by symbiont of	cell	plasma membran suppressio		on reciprocal meiotic recombination	
positive regulation of DNA binding	response to interleukin–18	regulation of smooth muscle cell apoptotic process	transcription regulatory region DNA binding	interferon-gamma-mediated signaling pathway	suppression by virus of host MDA-5 activity	positive regulation of		positive regulation of interleukin–8		viral entry into host cel transport of	transduction		JAK-STAT cascade	break for meio	double-strand regulation of telomere	
suppression by virus of host type I interferon–mediated	regulation of killing of cells of other	modulation by virus of host apoptotic process	regulation of catalytic activity of nucle division of nucle divisi		regulation of nuclear division	interleukin–6	production		luction	virus in host cell to cell	from nuclea membrane	r release attach	by virus on host general expression	telomere capping	telomeric break processing trivoled in repair via synthesis-dependent strand annealing formation	
fat-soluble vitamin		activation			regulation of T cell activation	regulation of cytokine				prostaglandin	secretion to r	ucleus nucleu ative import into	secretion	positive regulation of	DNA dealkylation tRNA-type intron splice site alternative mRNA mRNA via spliceosome	
process positive regulation of	G1/S transition checkpoint macrophage activation	androgen receptor signaling pathway	regulation of epithelial cell migration	AlL-activated apoptotic signaling pathway activate activate of leuko activate activa	tion regulation ocyte of cell activation	production in inflammatory	response to	umor necrosis ctor superfamily okine production	positive regulation of tumor necrosis factor superfamily cytokine production		gulation of pro exoc	tein import into ytosis positive regulation of nucleocytoplasm transport	regulation of	rogulation	recognition and cleavage positive regulation of	
muscle cell apoptotic process	involved in immune response	positive regulation of cell killing	regulation of protein-containing complex assembly	extrinsic cellu apoptotic responsignaling to osmonathway stree	regulation of leukocyte cell-cell	positive regul interleukin–12 p	1108	gative regulation of tokine production	positive regulation of chemokine production	from nucleus in response to heat stress		ation of occurations of transport NLS-bearing of transport protein important into nucleus	rt of peptide		ory response of response to external stimulus	