## Genes lost in Hexapoda BP TreeMap

				ochos lost in Hoxapoda Bi	reciviap	
negative regulation of coagulation	perception sensory		wound healing negative regulation of response to external stimulus negative regulation of inflammatory response response to to external stimulus negative regulation of inflammatory response regulation of wound response to negative regulation of regulation of wound	regulation of transcription by RNA polymerase II  regulation of transcription, DNA-templated polymerase II  negative regulation of transcription, DNA-templated polymerase I	positive regulation of cell checkpoint regulation of regul	DNA methylation methylation of gene expression, epigenetic imprinting reciprocal nucleic acid phosphodieste bond hydrolysis expression, epigenetic positive reciprocal nucleic acid positive reciprocal nucleic acid positive reciprocal nucleic acid nucleic
vasodilation in other organism	sensory digestion erception of smell positive regulation of nervous system process  regulation of smell vasodilation	tonic smooth muscle e	response to starvation activation response of wound healing  regulation of inflammatory response response to bacterium response to centeral stimulus regulation of chemotaxis response to bacterium re	RNA-dependen DNA transcription, DNA biosynthetic process  process  transcription by RNA polymerase II	regulation of endothelial process involved in development checkpoint of stem cell synaptic checkpoint of stem cell system and the cell checkpoint of stem cell system checkpoint of the cell checkpoint of stem cell checkpoint of the cell checkpoint of th	metabolic process  DNA metabolic process  DNA conversion at mating-type locus  meiotic DNA damage  DNA demologous recombination recombination locus  meiotic DNA damage  DNA metabolic process  metabolic process  process  process  process  process  process  metabolic process  process  production of gene fatp regulation of gene process  procession, epigenetic occess  production of fatp regulation of gene fatp regulation of gene process  procession, epigenetic occess  production of fatp regulation of gene fatp regulation of gene process  procession, epigenetic occess  metabolic process  production of fatp regulation of gene fatp regulation of gene fatp regulation of following process  procession, epigenetic occess  production of fatp regulation of gene fatp regulation of following process  procession, epigenetic occess  production of gene fatp regulation of fatp regulation of following process  procession, epigenetic occess  production of fatp regulation of gene fatp regulation of following process  procession, epigenetic occess  production of fatp regulation of fa
involved in sensory perception  negative regulation of endopeptidase	of body cycle	plasminogen activation	response to bacterium fibrinolysis to tumor cell response to tumor cell response to type I taxis	polymerase II promoter  homotypic  cell-cell intercellular transport  cytolysis	signaling differentiation plasticity particle levels  tracheal outgrowth, open tracheal system	embryonic axis specification  response to response to response to laminus response response to laminus response to laminus response to laminus res
zymogen activation	positive regulation of nucleotide metabolic process process positive regulation of tyrosine phosphorylation of STAT protein regulation of starriid brymone	activation of cysteine-type endopeptidase activity involved in apoptotic process glucose 6-phosphate	signaling pathway in absence of ligand  signaling pathway in response to DNA damage  signaling pathway in response to DNA damage  signaling pathway via death domain receptors	stem cell cell NADPH asymmetric stem cell division	vesicle development developmen	white transpose to the permutation of cellular response to type response to the type response to the type response to type response to type response to the type r
coagulation, fibrin clot formation nitrogen cycle metabolic process  blood amine bic process  negative regulation of ubiquitin protein ligase activity	process amine biosynthetic process amine biosynthetic process process regulation of tyrosine phosphorylation of STAT protein tyrosine phosphorylation of STAT protein of STAT protein activity	metabolic	peptidoglycan endothelial positive regulation of NikNF-kappaB signaling pathway regulation of NikNF-kappaB signaling pathway pathway neuropeptide signaling regulation of Toll signaling signaling regulation of NikNF-kappaB signaling signaling signaling regulation of NikNF-kappaB signaling signaling regulation of NikNF-kappaB signaling signaling regulation of NikNF-kappaB signaling regulation regu	apoptotic process  chromosome separation  adhesion adhesi	tooth  larval lymph gland hemopoiesis  external encapsulating  tripartite regional subdivision  microtubule encapsulating  tripartite regional anterior/posterior axis, embryo  microtubule heterochromatin organization	pheromone substance to fatty acid segregation positive regulation of release of cytochrome c from mitochondria sesembly segregation segregation positive regulation of autophagosome assembly segregation positive regulation of cytochrome c from mitochondria membrane permanization positive regulation of autophagosome assembly segregation segregation positive regulation of cytochrome c from mitochondria membrane permanization positive regulation of autophagosome assembly permeability involved
histone H3–K4 trimethylation  modulation by virus of	biogenic amine biosynthetic process process  viral RNA wiral listed ment deported.	heterocycle biosynthetic process	pathway pathwa	cell-matrix phase of apoptosis apportosis positive regulation of neuron of gonad phase of apoptosis apoptosis positive regulation of neuron of gonad phase of apoptosis apoptosis phase of apoptosis apoptosis positive regulation of gonad phase of apoptosis apoptosis apoptosis apoptosis positive regulation of gonad phase of apoptosis apo	structure organization organization external encapsulating cell wstructure organization biogenesis SNARE mitotic	regulation of in apoptotic process operation of in apoptotic process operation of organelle assembly of organization of organelle assembly assembly regulation of organization of organelle assembly assembly assembly regulation organization of organelle assembly assembly assembly assembly regulation of organization of organelle assembly assembly assembly assembly assembly regulation of organization o
	replication cycle I adhesion of symbiont to integration into host I process involved	intracellular transport	regulation of fibroblast regulation of fibroblast migration migration regulation of macrophage regulation	differentiation development organism	cell wall organization  cell wall organization  cell wall organization  cell wall organization  cell wall outer membrane translocase complex assembly assembly assembly assembly assembly assembly assembly assembly assembly	requiation of the second secon
entry into host cell in sym release from vira latency	release from host cell from host cell membrane of host cell from host cell from host cell membrane with host plasma replication.	involved in viral entry into host cell biological process involved in symbiotic	regregulation of leukocyte migration nacrophage chemotaxis  negative  macrophage macrophage macrophage cell regulation of leukocyte migration macrophage migration migration macrophage cell regulation of leukocyte migration migration macrophage macrophage regulation of leukocyte migration macrophage cell regulation of leukocyte migration of le	positive regulation of axon regeneration positive development development progressive development progressive development progressive cell differentiation progressive development differentiation progressive development pro	appendage formation assembly female germ cell development asymmetric division assembly chorion assembly germ cell development asymmetric division assembly germ cell development asymmetric division assembly	oocyte Import into
virion regulation of viral transcription	of integrated biological process suppression by proviral interspecies virus of G2/M	y biological process involved in interaction	regulation of macrophage migration migration migration regulation migration migration regulation of leukocyte migration migration regulation of leukocyte chemotaxis	regulation of embryonic development develo	oocyte axis germ-line oocyte control cyst differentiation formation	germ-line stem cell division germ cell division germ cell division germ-line stem cell division division germ-line stem cell division division germ-line sexual reproduction to peroxisome germ-line determination sexual reproduction to peroxisome germ-line determination sexual reproduction to peroxisome determination to protein localization to microtubule cytoskeleton graph germ-line stem cell determination to peroxisome determination to protein localization to protein localization to microtubule cytoskeleton graph gra