Genes lost in Hexapoda BP TreeMap

regulation of	negative	RNA-dependent DNA biosynthetic	negative regulation of transcription,	regulation	tissue of	gulation cell competition in a multicellu	developmen		cell wall	extracellula structure	cytoskeleton	actomyosin apparatus	microtubule acton anchoring contr at ri	regulation of	histone H3–K4 trimethylatio	peptidyl-cysteine S-nitrosylation	ric oxide nitric oxide synthetic metabolic rocess process
transcription by RNA polymerase II	regulation of transcription by RNA polymerase II	process DNA integration	DNA-templated DNA methylation	differentiation dauer larval	ventricular negation cardiac adhes	modeling organis negativ regulation of substrate sion-dependent ell spreading organis negativ regulatior osteobla differentia	regulation of n of epidermal ast cell	sporulation	biogenesis cell wall	assembly of actomysein apparatus involved in mateic cytokinesis	endoplasmic reticulum tubular network organization	microtubule anchoring at microtubule	regulation endoporetic reticoroteasome mem	endopeptidase activity llasmic ulum brane ization zymogen	regulation of cyclin-dependent protein serine/threonine kinase activity negative	regulation of reactive protein kinase species	e nitrogen cyclin-dependen protein kinase activity
nucleic acid phosphodiester bond hydrolysis meiotic DN double-strai break formation		transcription	ochondrial nscription RNA process	Kupffer's vesicle	tooth	a multicellul	nent chondrocyte	tablishment of planar polarity regulation of osteoclast	organization mitochondrial outer membrane	extracellular matrix organization	centriole replication plasma	or maintenance of microtubule cytoskeleton polarity	centriole con		biosynthetic process negative regulation	tivation casca oreas repair homology recombina	us glycolytic phosphorylation of STAT protein process
ncRNA telomer maintenant via telomer catabolic lengthening	of mitotic recombination	nuclear piR	emplated of RNA scription biosynthetic process NA aromatic compound	sporulation resulting in formation of a	ifferentiation os	or endotne	ietic endocardial oid cushion development	bone growth myeloid leukocyte	translocase complex assembly nuclear division	sarcomerogenesis	fusion regulation of proteasome core complex assembly	centriole replication intermediate filament cytoskeleton organization	actomyosin contractile ring organization regulation of centrosome duplication	fibrin clot formation control	of steroid metabolic process positive regulation of protein kinase C activity	H3–K9 phosphor of STAT protein of STAT protein process	ylation peroxide acid metabolic process process pund
genetic genetic imprinting DNA recombination	conversion at mating-type record locus production of siRNA sm involved involved involved involved involved in RNA gene	mitotic mbination Surveillance production of compound biosynthetic process production of silencing regulation	biosynthetic process ocycle DNA hthetic biosynthetic biosynthetic process cess process cation rRNA	viral entry	virion assemb	transport	intracellular transport	viral budding	acrosome reaction	dorsal appendage formation		germ cell development	meiotic chromosome segregation	homologous nuclear chromosome segregation segregation	chromosome organization involved in meiotic	positive regu gulation of of erleukin–6 expr	ulation gene ession, inflammatory response
suppression by virus of host NF-kappaB transcription factor activity nucleic ac metaboli process	DNA regulation involved in embryo via ho	acid-templated ulation of transcription proce	essing process NA reciprocal homologous recombination	viral _{nega}	tive laterity	ated viral life	symbiont to	genome	eggshell chorion eggchariur	oocy m-derived namber cation cytoskel	bule plasm oska		sister	mitotic nuclear otic chromosom segregation	neiosis pro	of cytokine of nuclear of nuclear inflammato of nuclear inflammator inflamma	ion negative regulation
response to histamine	wound healing cellular	acute regulatio fibrobla migratio	n of of of chemotaxis	release regula by ho from host vira cell transcr	st of viral gend al integrati iption into host I	ion viral transcription DNA	exit from mover host cell in he	ost of viral process	stem cell microt	cyte tubule germ (celeton migrat zation	 fertilization 	specification	р	cycle meiosis rocess male meiosis chromosome	chromatid per poor poor poor poor poor poor poor	roduction sitive regulation f interleukin–8 production cytokine invol	chemokine production dosage ved in
		o toxic chemotaxis activation depri		receptor–mediate virion attachmen to host cell	of viro	viral gene expression tion	budding late via host viru ESCRT replica complex	latent virus replication release	poic egg pi	plasm membrane involved in single fertilization	placenta pole plasm oskar cocyte axis pecification	telomere n	neiotic segregation ruclear sister chromatid segregation ruckers	meiotic in	egulation of terleukin-8	ry response Compensation ascriptional illencing posttranscriptional gene silencing	
suppression by virus of host type of responsion terferon-mediated signs negative regulation of responsions negative regulation.	regulation of macro macrophage chen migration ation of resp	ophage notaxis response to gamma radiation radiation radiation		modulation by virus of hos G1/S transition	t lipoprote particle lev	virus of G2/M transition of host mitotic	process	aggregation	neuropeptide signaling pathway	positive regulation of Toll signaling pathway		regulation of BMP signaling pathway	protein insertion into mitochondrial outer membrane	transmembrane m	import into mech	etection of detect anical stimulus chemical ved in sensory involved in perception perce	of sensory
negative inflammatory regulation of	response response to water	pher connection pher connection regulation regulation responsible to the connection responsibility responsibility responsibility responsibility responsibility responsibility responsibili	to regulation of omone chemotaxis ellular cellular response to nizing glucose	checkpoint	endothelia cell activation	detoxification	cellular oxidant oxification of	regulation of chromosome segregation	Toll signaling regulation of	signaling	positive regulation of protein kinase gnaling p	positive regulation of Notch signaling pathway	ceramide ^{tr} transport	export from oci	acid p	sensorv	ception of nell
response inflammatory response acute–phase	response che to regul pheromone leul	motaxis migration rad lation of response kocyte to toxic	diation stimulus ellular response to to wounding	cytolysis of c	ell localization	signaling positive regulation of protein in		nediate of it-based intracellular cess mRNA localization	endothelin receptor signaling pathway	NIK/NF-kappaB signaling	regulation of protein kinase A signaling	regulation of Notch signaling pathway	prostagiarium	ecretion vesicle targeting, to, from or within reg	positive pulation of	erception muscle contract contract positive senso	h molting cycle, collagen and cuticulin-based cuticule cuticle cuticle
response inflammatory response	mineralocorticoid	to response to mono	ellular detection of chemical stimulus stimulus	homotypic cell-cell adhes	immune respons	cell-cell transfer recognition		of DNA damage checkpoin	BMP signaling pathway	kinase A signaling	regulation of non-canonical Wnt signaling pathway	ive tumor necrosis ion of factor-mediated cappaB signaling ling pathway	orostaglandin transport	intracellular protein ansmembrane transport transmembrane er	Golgi to rendosome ner	gulation of vous system process process percept taste	ossification ossification ossification ossification ossification