Genes lost in PPUN2 BP TreeMap

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locomotory exploration behavior	negative regulation by host of viral transcription	positi regula by hos vira transcri	tion r st of of	positive regulatior f respons to water leprivatio	enca Se of t	psulation foreign arget	G protein–coupled receptor signaling pathway	regulation of cAMP-mediated signaling	in dauer larval development	bud dilation	shoo	lation of t system nogenesis	spiracle co	ion ed	SCF-dependent proteasomal regu ubiquitin-dependent of his	
cellular response	melanization defense response	modulation by virus of host G1/S transition checkpoint B cell activation involved	detection of virus	dendritic cell me cytokine production rascaroside a biosynthetic	gulation of elanization defense response ascaroside metabolic	synaptic transmission, dopaminergic glycoside biosynthetic	or transforming	glutamate positive regulation	serotonin receptor signaling pathway	structural organization determination	artery of uticle de	-	system devi	elopment artery morphogenesis	protein catabolic process protein dephosphorylation	
to pheropositive re	regulation of pharyngeal pumping mucosal immune	response defense response to Gram-positive bacterium	cellular response to exogenous dsRNA	response to oxygen levels cellular esponse	protein ocalization to cilium negative regulation of defense	negative regulation of locomotion involved in locomotory behavior negative regulation of lipid kinase	G protein-coupled synaptic activity neuropeptide signaling pathway pathway pathway	signaling signaling pathway signaling pathway pathway pathway positive regulation of phosphatidylinositol 3-kinase signaling s	heat signaling pathway receptor signaling pathway rotein-coupled senter signaling and signaling pathway rotein-coupled senter signaling and signaling pathway rotein-coupled MAPK	regulation of	limb	butflow tract prphogenesis specific imagini roof of open tr mouth systevelopment anterior/r patitive specific imagini clear open tr systevelopment	al disc system uid determination of heart left/right asymmetry	ectodermal placode development	histone H4–K20 trimethylation histone H3–K27 methylation histone protein sumoylation rimethylation histone histone	
replication positive regulation of ecdysteroid	positive regulation of ATP metabolic process	mannosylation taxis	cellular supersponse to nitrogen levels protein procession registrative description procession registrative description procession registrative description registrative registr	ppression y virus of ost IKBKE activity Boositive gulation	cell a	activity cellular esponse to cetylcholine synaptic ansmission, utamatergic regulation of	pathway auxin-activated signaling pathway G protein-coupled receptor signaling pathway, coupled to	positive regulation of Rho protein acetylcholine as grading pathway in the signaling pathway in the signaling pathway and the signaling pathway acetylcholine acetylcholin	egulation of reputer signaling pathway involved cascade egulation of ral-induced plasmic pattern grotten receptor signaling pathway regulation of I-kappaB		ornhogenesis	ventral pinal cord evelopment sys develo	genesis placode formation racheal ectoderma placode pment morphogene	negative regulation of type I	protein processing histone H3-K9 trimethylation protein dephosphorylation auxin polar protein dephosphorylation positiv regulation	
biosynthetic process nucleic acid	to ciliary membrane		regative regulation of transcription		regula transo	defense response	second messenger pathway t	signal receptor signaling transduction pathway	positive regulation of I-kappaB signaling breaseNF-kappaB signaling	collagen and cuticulin–based cuticle positive	cycle, sleep	multicellular organismal movement re	ecdysis, to collagen and cuticulin-based cuticle	interferon production nic smooth muscle contraction regulation of systemic arterial blood	organ dendrite retrograde extension retrograde extension retrograde involved transport absorpt positive regulation of triglyceride transport lipid trans involved lipid stor	
phosphodiester bond hydrolysis	deoxyribonucle biosynthetic process		pro	DNA DNA-	replication replication replication replication	erase II negative egulation of DNA eplication	egg activation	homologou chromosom segregation	cell-cell adhesion via plasma membrane cell	regulmulticel interferon-beta production short-term platelet	homeostasis tissue homeostasis	energy 575 boo	barrier negative regulation of female receptivity, post-matting positive regulation yestered receptivity, post-matting positive regulation vasoconstrict	negative regulation of female receptivity	regulation of neuron differentiation regulation of neuron of secretion regulation of neuron of secretion of secretion of secretion of secretion of secretion of secretion neuron of secretion fluid mod	
DNA-dependent positive regulation of transcription by	rDNA heterochrom	mRNA ca	ianosine DivA-	replication bios	delity synthetic for ocess	eplication ork arrest	extracellular	1.0	rganelle eritance cell-cell	memory activation	musculoskeletal movement	of red	female regulation of sys arterial blood pre mediated by a ch signal	essure process	regulation of neuron differentiation different	
RNA polymerase II	RNA phosphodies bond hydroly endonucleoly	recombi	nation RNA po	scription regulation from DNA-d polymerase romoter recipolation homo	lation of bidependent eplication procal blogous	cGMP osynthetic process reciprocal meiotic combination	female meiotic nuclear division	assembly homophilic cell adhesion via	atelet reticulophagy reticulophagy	development	of prima		Il characte	specification of dorsal/ventral axis, oocyte, erm-line encoded	embryonic epithelial tube formation	
RNA-dependent DN biosynthetic proces		activation	ess internation of acid-componer on from international int	folic alla	antoin tr	metabolic process ranscription by RNA olymerase I	Hadical division	adhesion molecules or cell-cell adhesion mediated	xtracellular extracellular matrix organization Il projection ganization cell-cell adhesion updanization ganization adhesion molecules				differentiation gonad development to the structure morphogenesis description of the structure morphogenesis characteristics		epithelial tube tube embryonic epithelial neural tube formation looping mesoderm morphogenesis mesoderm formation neural tube formatic	