Genes gained in CYCO1 BP TreeMap

water transport		water homeosta		asis		estering etal ion	of lamellocyte		tial embryc	cyt trans	oplasmic port, nurse to oocyte	long-term mem	behavio ory respon to etha	se re	nal system process	polarity		positive gulatior f mitotic ell cycle	positive regulation of cellular tion regulation
cellular zinc mainte ion homeostasis zinc ion transmembrane transport		maintenance of location in cell tenance of location in cell insulin secretion in cell in cell insulin secretion in cell insulin secretion in cell in cell insulin secretion in		regulation of glucose import on in cell asymmetric protein localization involved in cell fate determination cytoplasmic sequestering		negative regulation of defense response to virus glucose	germarium-derived female germ-line cyst encaps syncyti			polarity ecification of erior/posterior rization	muscle organ development	regulation of multicellular or	muscle ganismai res	of	gulation muscle	positive com	positive regulation of smooth regulation of regulation of onent organiz smooth		
						import naintenance of	muscle structure development	stria musclo	e cell dev		muscle cell development	response to stimulus involved in regulation of muscle adaptation	oviposition	interferon-bet production	regulation of a interferon-beta production	regulation of smooth muscle cell migration	muscle migra	ion	of smooth muscle cell proliferation
				of pro	e regulation extrinsic of glucose tic signaling transmembrane		motor neuron axon guidance	l pseudocleava		encephalon /elopment	specification of axis polarity	negative regulation of type I interferon production	multicellular organismal response to stress		al muscle raction	regulation of smooth muscle cell migration	mitotic cell cycle	regulation of cellulus compone organization	on smooth lar muscle cell ent proliferation
nucleoside diphosphate biosynthetic	ribonucleoside diphosphate metabolic process		pyrimidine ribonucleos triphospha metabolic process pyrimidine	e ide U te met	DP abolic cess	nucleobase biosynthetic process	response to zinc	ion	steroid hormone mediated signaling		cellular response to steroid hormone	female germline ring canal formation, actin assembly	actin cross formatio		ubiquin biosynth proce -positive re	etic trica		oxylic cycle tional ii	regulation of DNA-binding transcription factor activity itiation
process	ribonucl biosynt	thetic ess	ribonucleos diphospha metabolio process	ide G te met pro	TP abolic cess	AMP metabolic process			response osmotic st	to	response to heat	actin filament b actin f	ilament ati	е	peptidyl–L– S–palmito	vlation	 regulation 		cytoplasmic questering of ranscription factor
nucleosidepyrin monophosphate phosphorylation	pyrimi nucleo biosynt	dine base thetic	nucleoside nucleoside diphosphat metabolic process	ribonuc e biosyn	leotide thetic	pyrimidine nucleobase metabolic process	response to gluce		response to toxic substance	respons	to response to	actin filament bundle	ganization myofibr assemble	il _{del}		histon H3–K3 ion demethyla	dem		demethylation
pyrimidine ribonucleotide metabolic process	ribo: phosp biosynt proce	se hate thetic	pyrimidine nucleoside triphosphat metabolic process	2'-deoxyribonucleo metabolic proces	deoxyri phosp metab proce	hate nucleotide biosynthetic	chemotaxis to cA	.MP	stress response t metal ion	oxyg	cellular esponse to en–containing ompound	cortical actin cytoskeleton organization	cortical cytoskele organizat	on d	his stone H3-k emethylatio		nal n p icid dea	rotein	protein demethylation