Genes gained in DRAW1_PELO1_Crassi BP TreeMap

positive regulation of DNA methylation–dependent heterochromatin assembly		regulation of monocontende chemotacontende protein production	yte dosage compensation inactivation o X chromosom	fibonuclease	positive regu	cell	reg	oositive ulation of entriole plication	negative regulation of cAMP-depender protein kinase activity	histone nt H3–K27 methylation	histone H4–K16 acetylatior	peptidyl-cyste S-nitrosylatio		5	sarcomerogenesis		myofibril assembly sporulation
positive positive regulation		double-strand b repair via single-strand annealing, remoden nonhomologous	removal of nonhomologou ral of ends	cytokine production involved in inflammatory response	mitochondrial regulation fission	microtu	vtoplasmic actomyos icrotubule structure pindle organization		<mark>nitri</mark> cell division	nitrosylation	nitric oxide blic proces blosynthetic process	S	develop	triated m		cardiac I <mark>I develop</mark> developmer	resulting in mentalion of
regulation of telomerase activity	telomerase of telomere		regulation of nucleobase–containi d in compound nse metabolic process		regula mitotic positive organi		tion of spindle	regulation of centriole replication	positive regulation of cellular respiration	cellular respiration	aerobic respiration	nitroger species metaboli	reactive nitrogen species metabolic process metabolic		liac cell lopment	cardiac muscle cell differentiation	striated muscle cell n differentiation
positive regulation of telomere maintenance via telomerase	lation of omere enance via		regulation nd interleukir production regulation nuclease ac	n—6 n egative regulation of ribosomal protein gene transcription by RNA polymerase II	regulation of centrosome duplication	regula of spi organiz	indle	cytoskeleton organization	male germ-lin stem cell asymmetric division	process i	of a single-c	ction sp recelled forn	sexual orulation sulting in nation of a ular spore	Segregatio	of reg ter mited	egative ulation of otic sister romatid paration	negative regulation of sister chromatid segregation
Potacolani ion		annealing smodesmata-mediated intercellular transport	lipid export from cell	clathrin coat disassembly	positive regula of septation initiation signa	n	europepti signaling pathway	g 3 y signaling	mating type switching	ascospore	sexual s		regulation of pole plasm oskar mRNA		ulation chromat on se	paration	matid
maintenan	oo of lip	synaptic id export fron uncoating p	of protein		positive regulat regula of Wnt signaling signal	31		OR of Notch	va via valization.		ovarian follicle	ulation	localization	regulatior chromoso segregati	ome se ion	separation	migration in host
organelle lo			prostaglandin secretion		dorsal/ventral axis specification axis sp	nvolved in rsal/ventral specification	of TOR signaling		regionalization S	heart dev	velopment divelopment	evelopment		moveme in hos	ent t - <mark>moven</mark>	om host cell nent in hos	
		vesicle uncoating	prostaglandin transport	icosanoid transport	regulation pathy in do	way involved	regulation of I–kappaB inase/NF–kapp signaling	oaB kinaso/NE kannaB	cardiac muscle tissue morphogenesis	specification	muscle tissue	evelopment of primary sexual paracteristics	striated muscle tissue development	exit froi host ce	m v	nsport of virus in ost, cell to cell	transport of virus in multicellular host