Genes gained in Anomura BP TreeMap

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ascospore formation		nodulation			ing plug mation	cellular response to cold	establishment of competence for transformation	androgen receptor signaling pathway	cellular response to reactive oxygen species	positive reg of mRNA s via spliced	gulation plicing,	regulation of transcription by RNA polymerase II	negative regulation of RNA biosynthetic process	negative regulation of transcription, DNA-templated	double-strand break repair via homologous recombination	interstrand cross-link frepair	NA-dependent DNA replication naintenance of fidelity	mRNA splicing, via spliceosome
						negative regulation of PERK-mediated unfolded protein response	response response		cellular response to decreased oxygen levels	positive regulation negative regulation transcription by RNA		compound metabolic	positive regulation A metabolic process of telomere maintenance		DNA methylation involved in embryo	RNA splicing, via transesterification reactions with IA alkylation as nucleophile	DNA kylation ⁿ	DNA nethylation
shell calcification S	myeloid o			megakaryocyte differentiation	shoot system development	regulation of cell PERK-mediated unfolded protein response	برمال بالمع		regulation of endoplasmic reticulum unfolded protein response	polymera genetic im		of nucleic	regulation of telomere maintenance negative	of DNA methylation	development postreplication	RNA splicing, transesterificat reactions RNA	ion macro meth	molecule nylation miRNA
spermatid	megakaryo developmo	ent in	iflorescence evelopment _l	pollen maturation	multi-organism reproductive process	cellular response to hypoxia	cellular response to oxygen levels	ER-nucleus signaling pathway	I-kappaB kinase/NF-kappaB signaling			lianscription	biologica process involved in	modulation by symbio	regulation regul	osynthetic of cellular regulation		negative regulation of
development	bone cell development		sperm capacitat	ion cor	sperm mpetition	PERK-mediated unfolded protein response	cellular response to radiation	response to abiotic stimulus	negative regulation of response to endoplasmic reticulum stress	evasion of host immune response		modulation by virus	interaction with host biological process vir	cellular process	biological process negative regul	ocess biosynthet process proce		etic metabolic process lic process molecule tic process regulation of metabolic process regulation compound
spermatogenesis sexure reproduce regularity		ction insemination		tion sp dev	ventral inal cord velopment	meiotic		phragmoplast assembly		modulation	on by	cellular s process in	nteraction p	odulation of orocess of er organism	regulation promote pro	cess biosy pative pos	nacromolecule inthetic proce itive regulation ogen compou	
regulation of osteoblas		red in otility	cilium-dep cell mot	endent rec	gulation of ell death gulation	of cell cycle	cellular	respiration	bud site selection	virus of host apoptotic process		by virus of host process	involved in interspecies interaction veen organisms	odulation by ymbiont of ost process	mitochondrial ATP synthesis bioss	ATP	ribonucleos triphospha	ide te
negative	regulation of cilium movement regulation of c		regulation hosphatidylir 3-kinase ac	nositol of tivity ac	platelet ctivation	cytoskeleton–depender cytokinesis	intermediate filam cell cy o		activation involved	blood coagulation, intrinsic pathway	positive regulation of peptidas activity	Coagulation	activation	protein acylation	ATP synthe biosynt coupled proton triph	ATP synthe biosynthetic process coupled proton triphosphate nucleoside triphosphate		
positive regulation of neural precursor cell proliferation	on regulate of plate sis activate	tion elet tion	of lipid kinase activity	regulatior of cell division	regulation of cell cycle process	cell activation involved in immune response	myeloid cell activation involved in	granulo	response	positive regulation of endopeptidase activity	positive regulat of peptidyl <mark>Dro</mark> dephosphorylat	otein acylat	of cysteine-type endopeptidase	regulation of phosphoprote phosphatas	property profession pr	regulation of translational initiation by of translational	regulation of translation in response to endoplasmic on all stress	regulation of endoglams reticulum control and provided and provided approximation approximation approximation approximation and provided approximation appro
regulation of phragmopla microtubule organizatio	UI CEIIC	tion rular	positive regulation of cytokinesis	microtubule-based movement	regulation of cell cycle	intermediate filament cytoskeleton organization	cell cycle	myelo leukoc activati	yte	protein acetylation	regulation of peptidyl–serir dephosphorylat	of histon	e cysteine-type	e protein autoubiquitinati	einitiation in reduction in response to	esponse to support of translation that it is not translation to the support of translation to the support of translation in response to the support of translation in the support of translation of trans		stress-induced elF2 alpha dephosphorylation