Genes gained in PPUN2 BP TreeMap

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energy homeostasis	growth plate cartilage chondrocyte development		tRNA transport	protein processing		one–carbon metabolic process noid metabolic process	phenylpropanoid metabolic process	positive regulation of proteasomal ubiquitin–dependent protein catabolic process	positive regulation of ubiquitin–dependent protein catabolic process	regulation of proteasomal ubiquitin-dependent protein catabolic process
								positive regulation of proto of protein catabolic protograms		regulation of oteasomal _{mal}
lymph vessel morphogenesis				I.	melanin biosynthetic		initiation from RNA polymerase II promoter	process		catabolic process
	chemosensory behavior	sensory perception of bitter taste	n endothelial cell migration	S-adenosylmethionine cycle		process	sulfur compound catabolic process	positive regulation of proteolysis involved in cellular	regulation of protein	regulation of proteolysis involved in cellular protein catabolic process cellular modified amino acid metabolic process
	pigmentatio		oon migration			transcription elongation from RNA polymerase	DNA-templated transcription,	protein catabolic process	catabolic process	
xenophagy	protein import into mitochondrial matrix	B cell proliferation involved in immur response	positive regulation of voltage–gated potassium channel		negative regulation of cell communica	n of stem cell differentiation	negative regulation f stem cell axon regeneration		spermine catabolic process	
			activity		nogative	negative regulation of neuron projection		catabo <mark>organonitrogen co</mark>		mpound mine
cellular response to virus	molting cycle, collagen and cuticulin-based cuticle	pigmentation	muscle attachment		ative regulation of signaling	ion of cell communicat	regulation of cilium–dependent cell motility	spermine		process
				negative regulation of signal transduction	negative regulation of response to stimulus	sperm motility		metabolic proces	ess cellular biogenic	
		germ cell development	dorsal/ventral pattern formation			se cilium movemen		alpha–amino a		