## Genes gained in Ellobiida BP TreeMap

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meiotic cell cycle	B cell home		B cell proliferation involved in immune response		endothelin receptor signaling pathway	negative regulation of exocytosis	killing of cells of other organism	modulation by virus of host apoptotic process		suppression by virus of host MDA–5 activity	transport of virus in host, cell to cell		viral li cycle		viral RNA genome replication	
	vascular	myeloid	production			neuropeptide		suppression	n by				viral		ort entry us into host	viral process
	growth factor signaling mei	dendritic o activatio otic cell cy	in infla resp	mmatory oonse	fertilization regulation	pathway  positive regulation of	suppression mod virus of G2/Ihost transition of host mitotic cell cycle  modulation by virus of host protein ubiquitination	ulation by s	ymbiont of d cell deatl		movemer in host		orotein essing	vira entry i	nto genome	genome
cellular bud site selection		defense response to fungu	of s	tem ell	of pyruvate dehydrogenase activity stomatal			killing by symbiont o	suppress virus of adapt	host by symbiont				host o	packaging	positive regulation of interleukin–8 production  cytokine production
	mediated cytotoxicity	regulation	n of pos	tive	complex	nodulation .		host cells	respor	nse cell death	regulation oligodendroo	cyte of	ion re	sporulation resulting in formation of	granulocyte	
ascospore formation	positive n regulation		nathway	via STAT	cardiac conduction	natural killer cell activation		evasion of host immun response	e cells of c	other of other	differentiation	on myelina		cellular spore	positive	
	of mast cell activation	single fertilizatio		0	stem cell division	regulation of heart rate	macroautophagy	peptidyl-cysteine S-nitrosylation		biosynthetic	glial cell developme	regulation	campus opment biomineral tissue development		regulation of interleukin–6 prod <mark>regulation of the contraction of the </mark>	involved in inflammatory
L-lysine transmembrane transport		nega	ative	prostagl	prote andin <sub>import</sub>	into establishment of RNA localization			n maintena	process		differentiati			interleuk  produc  regulation of cytokine production involved in	tion positive
	sterol transport	regulat nucled trans	oside	secret	retion mitochor matri			positive regulation of mRNA splicing via	telomero maintenar	molodo Brart	regulation d	evelopment			nflammatory response produ	ction interleukin–5 production
	nucleobase-cont	aining compound tra		nuclei nsport		ndiated mRNA	protein N-linked glycosylation	DNA replic	cation gtheni	double-strand break repair via homologous		regulation of granulocyte differentiation	ation of clocyte ntiation of limbic system development			oositive regulation of interleukin–13 production
basic amino acid transmembrane transport	negative regulation	regulation transfer transmembrane transport		transpo		transport			terpenoid biosynthetic process, mevalonate-depender		differentiation	granalogic			interleukin_13	regulation of nterleukin–13
	of Golgi to plasma membrane protein transport			RNA transpo	into mitoc outer me	hondrial mbrane RNA localization	cellular respiration	recombinational repair	regulation of ergosterol biosynthetic process	positive regulation	proteaso	drial outer m	chondric nembra anizatioi	ne transle	rane mitochondri	ane mitochondrial assembly internation