GO: Day 7 WGCNA MEturquoise positive regulation of adiponectin secretion lipid transporter activity negative regulation of monocyte chemotactic protein-1 production cellular triglyceride homeostasis zinc ion binding intracellular protein transport protein trimerization proteolysis involved in cellular protein catabolic process phosphatidylinositol-3-phosphate binding retrograde transport, endosome to Golgi potassium ion import across plasma membrane triglyceride lipase activity negative regulation of NIK/NF-kappaB signaling clathrin coat assembly lipid binding negative regulation of interleukin-6 secretion positive regulation of cytokine secretion scavenger receptor activity positive regulation of transcription by RNA polymerase III snRNA transcription by RNA polymerase III clathrin light chain binding vacuolar acidification oxidation-reduction process vesicle-mediated transport tRNA-intron endonuclease activity positive regulation of sodium ion transmembrane transport negative regulation of proteasomal ubiquitin-dependent protein catabolic process serine-type endopeptidase activity extracellular matrix organization protein transport clathrin adaptor activity fatty acid alpha-oxidation negative regulation of nucleic acid-templated transcription carbonyl reductase (NADPH) activity lipid catabolic process phosphatidylcholine biosynthetic process endocytosis sodium channel regulator activity vesicle fusion endosome to melanosome transport proton-transporting ATPase activity, rotational mechanism central nervous system development proton transmembrane transport enzyme activator activity snRNA transcription by RNA polymerase II mRNA splicing, via spliceosome galactosylceramidase activity antibiotic biosynthetic process calcium-dependent cell-cell adhesion via plasma membrane cell adhesion molecules carbon-carbon lyase activity positive regulation of epidermal growth factor receptor signaling pathway actin filament organization regulation of response to osmotic stress sterol binding tRNA-type intron splice site recognition and cleavage carnitine biosynthetic process potassium:chloride symporter activity clathrin-dependent endocytosis positive regulation of protein localization to cell surface phosphatidylinositol binding regulation of cell morphogenesis negative regulation of gluconeogenesis galactose binding locomotory behavior early endosome to recycling endosome transport oleamide hydrolase activity Factor XII activation Golgi to plasma membrane transport carbohydrate mediated signaling anandamide amidohydrolase activity positive regulation of cell adhesion molecule production establishment or maintenance of actin cytoskeleton polarity xylosyltransferase activity post-embryonic animal organ morphogenesis toll-like receptor 3 signaling pathway proton-exporting ATPase activity, phosphorylative mechanism transepithelial transport termination of RNA polymerase II transcription extracellular matrix binding regulation of Fc receptor mediated stimulatory signaling pathway negative regulation of inflammatory response fatty acid binding cell-cell adhesion mediated by cadherin sphingomyelin catabolic process nerve growth factor signaling pathway long-chain fatty acid binding regulation of microtubule polymerization galactosylceramide catabolic process icosatetraenoic acid binding cellular response to increased oxygen levels long-chain fatty acid biosynthetic process violaxanthin de-epoxidase activity chondrocyte differentiation protein stabilization hydrolase activity, acting on ester bonds negative regulation of phospholipid biosynthetic process negative regulation of fibroblast proliferation carnitine metabolic process, CoA-linked collagen binding auditory receptor cell stereocilium organization plasminogen activation cholesterol binding synaptic vesicle transport border follicle cell migration AP-2 adaptor complex binding tRNA transcription by RNA polymerase III positive regulation of lipophagy serine-type carboxypeptidase activity cellular potassium ion homeostasis sodium ion export across plasma membrane carotenoid dioxygenase activity cellular sodium ion homeostasis copper ion transport regulation of phosphatidylcholine biosynthetic process beta-carotene 15,15'-monooxygenase activity positive regulation of phospholipid biosynthetic process positive regulation of long-chain fatty acid import into cell alcohol dehydrogenase (NAD+) activity intracellular lipid transport potassium ion homeostasis sphingomyelin phosphodiesterase activity NADP metabolic process proteolysis chitinase activity phagosome acidification positive regulation by host of viral process insulin receptor binding positive regulation of fibrinolysis positive regulation of membrane protein ectodomain proteolysis response to mineralocorticoid hyaluronic acid binding female germ-line stem cell population maintenance sphingomyelin metabolic process L-rhamnonate dehydratase activity regulation of neuroblast proliferation carotene catabolic process acyl-CoA oxidase activity peripheral nervous system development pigmentation oxidoreductase activity, acting on NAD(P)H, quinone or similar compound as acceptor cell-matrix adhesion blood coagulation, intrinsic pathway SNAP receptor activity perineurial glial growth glial cell growth copper ion import acid sphingomyelin phosphodiesterase activity regulation of chromatin organization eye photoreceptor cell differentiation L-xylulose reductase (NAD+) activity negative regulation of autophagy phagocytosis, recognition L-xylulose reductase (NADP+) activity sensory organ development fatty acid beta-oxidation proton transmembrane transporter activity negative regulation of phosphatase activity peripheral nervous system neuron development cofactor binding regulation of protein glycosylation protein localization to ciliary membrane glycosphingolipid metabolic process cell adhesion molecule binding cell volume homeostasis positive regulation of sodium ion transport L-methionine-(S)-S-oxide reductase activity positive regulation by host of viral genome replication polysaccharide digestion ADP-ribosylarginine hydrolase activity establishment or maintenance of transmembrane electrochemical gradient induction of bacterial agglutination L-threonine 3-dehydrogenase activity axon extension involved in axon guidance response to starvation L-threonine catabolic process to glycine endopeptidase activity negative regulation of NF-kappaB transcription factor activity immune response ceramide floppase activity axon guidance morphogenesis of follicular epithelium RNA polymerase II activity positive regulation of neuroblast proliferation positive regulation of Fc-gamma receptor signaling pathway involved in phagocytosis osmosensor activity ceramide translocation sporulation resulting in formation of a cellular spore oxidoreductase activity, acting on CH-OH group of donors copper ion homeostasis retinal cell programmed cell death phosphatidylethanolamine biosynthetic process phosphatidylinositol phosphate binding Rab protein signal transduction regulation of development, heterochronic enzyme regulator activity oxidative demethylation lipid droplet organization cytokine activity synapse maturation sphingosine biosynthetic process oxidoreductase activity, acting on the CH-CH group of donors cellular glucose homeostasis xylulose metabolic process carbohydrate binding inner ear receptor cell stereocilium organization axonogenesis involved in innervation negative regulation of mitochondrial translation proline-rich region binding ovarian follicle cell-cell adhesion optic lobe placode formation tumor necrosis factor receptor binding oocyte microtubule cytoskeleton organization maintenance of polarity of follicular epithelium very long-chain fatty acid-CoA ligase activity germarium-derived egg chamber formation oocyte localization involved in germarium-derived egg chamber formation D-cysteine desulfhydrase activity adherens junction organization fatty acid catabolic process negative regulation of neural precursor cell proliferation interleukin-5 receptor binding brown fat cell differentiation plasma membrane phospholipid scrambling cysteine-type endopeptidase activity negative regulation of fat cell differentiation positive regulation of axon regeneration thiamine pyrophosphate binding long-chain fatty acid transport viral entry into host cell testosterone dehydrogenase (NAD+) activity negative regulation of RIG-I signaling pathway adiponectin-activated signaling pathway BLOC-2 complex binding axonal fasciculation male courtship behavior inner cell mass cell proliferation AP-3 adaptor complex binding compound eye cone cell fate commitment positive regulation of gene expression, epigenetic trans-aconitate 3-methyltransferase activity natural killer cell degranulation blastocyst development SNARE binding mRNA polyadenylation imaginal disc-derived male genitalia morphogenesis peptidyl-prolyl cis-trans isomerase activity positive regulation of autophagosome maturation positive regulation of natural killer cell activation fibroblast growth factor binding cellular copper ion homeostasis inner ear auditory receptor cell differentiation branching involved in ureteric bud morphogenesis retromer complex binding termination of signal transduction vitamin A biosynthetic process methionine adenosyltransferase activity fatty acid beta-oxidation using acyl-CoA oxidase neurotransmitter receptor metabolic process clathrin heavy chain binding lipophagy neuroblast fate determination oxidoreductase activity cleavage in ITS2 between 5.8S rRNA and LSU-rRNA of tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA) collagen catabolic process insulin-like growth factor receptor binding polysaccharide catabolic process regulation of platelet-derived growth factor receptor signaling pathway deadenylation-dependent decapping of nuclear-transcribed mRNA acetylcholine receptor regulator activity determination of adult lifespan ventral cord development epidermal growth factor receptor binding positive regulation of receptor internalization ribosomal large subunit biogenesis acetylesterase activity cytokine-mediated signaling pathway cellular response to leucine protein heterodimerization activity equilibrioception cleavage furrow ingression fibrinolysis acyl-CoA dehydrogenase activity R3/R4 cell fate commitment galactose catabolic process via UDP-galactose succinate-CoA ligase (ADP-forming) activity D-xylose metabolic process B cell homeostasis 3-oxoacyl-[acyl-carrier-protein] reductase (NADH) activity lipid homeostasis succinate metabolic process phosphoric diester hydrolase activity negative regulation of ERK1 and ERK2 cascade regulation of T cell differentiation in thymus tropinone reductase activity midbrain morphogenesis tropane alkaloid biosynthetic process positive regulation of toll-like receptor 9 signaling pathway copper ion binding positive regulation of toll-like receptor 7 signaling pathway CD4-positive, alpha-beta T cell activation beta-1,4-mannosyltransferase activity Arp2/3 complex-mediated actin nucleation BP ontology ontology