TopGO E18 GO enrichment analysis transmitter-gated ion channel activity involved in regulatio... translation trans-hexaprenyltranstransferase activity thyroid hormone transport thyroid hormone binding terminal bouton synaptic transmission, glutamatergic synaptic transmission, GABAergic synaptic membrane adhesion synapse · sympathetic nervous system development structural constituent of ribosome structural constituent of postsynaptic intermediate filament... structural constituent of postsynapse structural constituent of cytoskeleton specification of loop of Henle identity sodium:potassium-exchanging ATPase complex sodium:potassium-exchanging ATPase activity involved in regu... single-stranded DNA endodeoxyribonuclease activity single strand break repair signaling receptor binding sensory perception of sound rRNA binding RNA polymerase II cis-regulatory region sequence-specific DN... ribosomal small subunit assembly retinol metabolic process reproduction regulation of T cell mediated immune response to tumor cell regulation of synaptic transmission, glutamatergic regulation of relaxation of cardiac muscle regulation of presynapse assembly regulation of neuron differentiation regulation of mitotic recombination regulation of intestinal epithelial structure maintenance regulation of DNA recombination regulation of Cdc42 protein signal transduction purine nucleobase metabolic process proximal/distal pattern formation involved in metanephric ne... protein-containing complex binding protein-containing complex protein localization to adherens junction primary alcohol metabolic process presynaptic intermediate filament cytoskeleton presynapse assembly postsynaptic neurotransmitter receptor internalization postsynaptic intermediate filament cytoskeleton positive regulation of neuron projection development positive regulation of dopamine secretion positive regulation of dendrite development positive regulation of anterograde synaptic vesicle transpor... polysomal ribosome phosphopyruvate hydratase complex PDZ domain binding oxygen carrier activity oxygen binding nucleotide-excision repair factor 3 complex nucleotide-excision repair factor 2 complex nucleotide-excision repair factor 1 complex nucleotide-excision repair complex nucleosomal DNA binding noradrenergic neuron differentiation neuronal cell body neurofilament bundle assembly neurofilament negative regulation of neuron apoptotic process negative regulation of neuroblast proliferation negative regulation of chromosome condensation myelin sheath molecular\_function modulation of chemical synaptic transmission mitochondrial genome maintenance MHC class I protein binding metal chelating activity mannosyltransferase activity low-density lipoprotein particle remodeling low-density lipoprotein particle lipid metabolic process learning large ribosomal subunit rRNA binding ionotropic glutamate receptor signaling pathway intramolecular transferase activity, phosphotransferases intermediate filament polymerization or depolymerization integral component of synaptic vesicle membrane integral component of postsynaptic density membrane identical protein binding hormone activity high-affinity glutamate transmembrane transporter activity heparin binding hemoglobin complex hemoglobin alpha binding haptoglobin binding growth factor binding group III metabotropic glutamate receptor activity glutamatergic synapse glial cell differentiation gamma-catenin binding -GABA-gated chloride ion channel activity GABA-ergic synapse extrinsic component of external side of plasma membrane extracellular space extracellular region decanoate-CoA ligase activity D-aspartate import across plasma membrane cytosolic small ribosomal subunit cytosolic large ribosomal subunit cytoskeletal protein binding cytoplasmic translation chloride transmembrane transport central nervous system neuron development cellular\_component cellular potassium ion homeostasis cellular anatomical entity cardiac ventricle formation calyx of Held calmodulin binding calcium-dependent protein kinase regulator activity calcium-dependent cell-cell adhesion via plasma membrane cel... calcium ion binding axonal transport of mitochondrion axon guidance ATPase binding astrocyte end-foot arachidonate-CoA ligase activity AMPA glutamate receptor activity alpha-1,6-mannosyltransferase activity alpha-1,3-mannosyltransferase activity alpha-1,2-mannosyltransferase activity adenylate cyclase inhibitor activity adenylate cyclase inhibiting G protein-coupled glutamate rec... 5.8S rRNA binding 2-octoprenyl-3-methyl-6-methoxy-1,4-benzoquinone hydroxylase... Astro Endo Oligo Pvalb Non\_neuronal က

Significant

80

120

160

-log10(Fisher)

20

10