TopGO P60 male GO enrichment analysis voltage-gated sodium channel activity virion binding vesicle-mediated intercellular transport ubiquitin protein ligase binding U2-type prespliceosome U2 snRNP type B pancreatic cell maturation TRAPPII protein complex trans-hexaprenyltranstransferase activity terminal bouton syntaxin-3 binding synchronous neurotransmitter secretion synaptic vesicle sulfonylurea receptor binding subtelomeric heterochromatin assembly sterol 14-demethylase activity squalene monooxygenase activity sphingolipid delta-4 desaturase activity sphingolipid delta-4 desaturase activity single-stranded DNA endodeoxyribonuclease activity single strand break repair signaling receptor binding Schaffer collateral - CA1 synapse scaffold protein binding RNA polymerase II core promoter sequence-specific DNA... retrograde axonal transport retinol isomerase activity response to UV-A response to drug reproduction reproduction reproduction retrograde axonal transport retinol isomerase activity response to UV—A response to UV—A response to UV—A response to UV—A response to drug reproduction of short-term neuronal synaptic plasticity regulation of short-term neuronal synaptic plasticity regulation of protein localization to synapse regulation of phosphoprotein phosphatase activity regulation of mitotic recombination regulation of heart rate by cardiac conduction regulation of centromere complex assembly regulation of centromere complex assembly regulation of cation potential protein phosphatase binding promoter—specific chromatin binding presynaptic membrane presynaptic active zone—presynaptic active zone—presynaptic active zone—positive regulation of the force of heart contraction by nor...—positive regulation of sodium:potassium—exchanging ATPase ac...—positive regulation of renin secretion into blood stream—positive regulation of protein processing positive regulation of protein processing positive regulation of protein processing positive regulation of nitric oxide mediated signal transduc...—positive regulation of neuron projection development positive regulation of reducing all migration—positive regulation of endothelial cell migration—positive regulation of endothelial cell migration—positive regulation of calcium—sodium antiporter activity—positive regulation of calcium sodium antiporter activity—positive regulation of calcium—independent cell—cell adhesio...—positive regulation of calcium ion—dependent exocytosis of n...—positive regulation of calcium ion—dependent exocytosis positive regulation of calcium ion—dependent exocytosis—phosphorylase kinase complex—phytanic acid metabolic process—phosphorylase kinase complex—phytanic acid metabolic proces pericentric heterochromatin assembly
ovarian follicle atresia
ooplasm
nucleotide—excision repair factor 3 complexnucleotide—excision repair factor 2 complexnucleotide—excision repair factor 1 complexnucleotide—excision repair factor 1 complexnucleosome repair factor 1 complexnucleosome nucleosome
nuclear lumen
nuclear lumen
nuclear body
non—membrane spanning protein tyrosine kinase activitynitric—oxide synthase regulator activityneurotransmitter receptor activity involved in regulation of...
neuropeptide Y receptor binding
neuropeptide hormone activityneuronal ribonucleoprotein granule
neuronal dense core vesicle
neuronal cell body
neuron to neuron synapse neuron projection terminus
neuron regulation of glutamate receptor signaling pathway
negative regulation of female gonad development
negative regulation of complement—dependent cytotoxicity
negative regulation of chromosome condensation
negative regulation of chromosome condensation
negative regulation of amyloid—beta formation
negative regulation of amyloid—beta clearance
N—acetylgalactosamine kinase activity
multivesicular body, internal vesicle lumen
mu—type opioid receptor binding
mitochondrial genome maintenance
memory
lactase activity
junctional sarcoplasmic reticulum membrane
ion channel binding -log10(Fisher) 15 10 5 Significant 50 100 lactase activity
junctional sarcoplasmic reticulum membrane
ion channel binding
integrin binding
integral component of postsynaptic density membrane
inhibitory postsynaptic potential
inactivation of MAPK activity
homophilic cell adhesion via plasma membrane adhesion molecu...
hippocampal mossy fiber to CA3 synapse
hemoglobin complex
hemoglobin beta binding
haptoglobin—hemoglobin complex
haptoglobin—hemoglobin complex
haptoglobin binding haptoglobin – hernoglobin complex haptoglobin binding growth cone growth cone Golgi apparatus glutamate–gated calcium ion channel activity glutamate decarboxylation to succinate glutamate decarboxylation activity glutamate decarboxylation to succinate glutamate decarboxylation to succinate glutamate decarboxylase activity glutamate binding galactose metabolic process galactose binding galactokinase activity GABA-ergic synapse G protein-coupled neurotransmitter receptor activity involve... fast, calcium ion-dependent exocytosis of neurotransmitter extracellular space extracellular region extracellular space extracellular region epidermal growth factor—activated receptor activity epidermal growth factor binding eosinophil chemotaxis endodermal cell differentiation endocytic vesicle embryo implantation early endosome membrane dendritic spine dendritic branch dendrite extension chromosome, telomeric region chromosome, telomeric region chromosomal region cholesterol biosynthetic process via 24,25–dihydrolanosterol cholesterol biosynthetic process chemokine activity chemoattractant activity chemoattractant activity cellular response to calcium ion cell adhesion molecule binding cell adhesion carbohydrate phosphorylation calmodulin binding calcium ion sensor activity calcium ion binding beta1-adrenergic receptor activity behavioral response to cocaine basolateral plasma membrane basal proximal dendrite basal plasma membrane axonogenesis axon guidance receptor activity alpha–2A adrenergic receptor binding alpha–1,6–mannosyltransferase activity alpha–1,2–mannosyltransferase activity activation of GTPase activity 5–formyltetrahydrofolate cyclo–ligase activity 1–phosphatidylinositol–4–phosphate 5–kinase activity Pvalb Astro Endo 4 Oligo γip Lamp5 Non_neuronal Sst Peri က