UP.Combined.Score Serotonin and anxiety-related events -Cell-type Dependent Selectivity of CCK2R Signaling Monoamine GPCRs Serotonin and anxiety Synaptic Vesicle Pathway Calcium Regulation in the Cardiac Cell GABA receptor Signaling Phosphodiesterases in neuronal function Muscarinic acetylcholine receptors **Neuronal System** Neurotoxicity of clostridium toxins GABA A receptor activation Transmission across Chemical Synapses Acetylcholine Neurotransmitter Release Cycle Serotonin receptors Interaction between L1 and Ankyrins Synaptic vesicle trafficking Ionotropic glutamate receptor pathway Metabotropic glutamate receptor group III pathway Heterotrimeric G-protein signaling pathway-Gq alpha and Go alpha mediated pathway Muscarinic acetylcholine receptor 1 and 3 signaling pathway Heterotrimeric G-protein signaling pathway-Gi alpha and Gs alpha mediated pathway Metabotropic glutamate receptor group I pathway Opioid proenkephalin pathway Calcium signaling pathway Synaptic vesicle cycle cAMP signaling pathway Salivary secretion Cocaine addiction Dilated cardiomyopathy (DCM) Gastric acid secretion Gap junction Nicotine addiction Neuroactive ligand-receptor interaction Glutamatergic synapse Morphine addiction GABAergic synapse Cholinergic synapse Circadian entrainment Retrograde endocannabinoid signaling glutamate receptor activity G-protein coupled neurotensin receptor activity neuropeptide Y receptor activity somatostatin receptor activity tachykinin receptor activity low voltage-gated calcium channel activity corazonin receptor activity bombesin receptor activity node of Ranvier dendrite membrane GABA-A receptor complex axon initial segment kainate selective glutamate receptor complex dendrite CA3 pyramidal cell dendrite basilar dendrite synaptic transmission, cholinergic synaptic transmission, GABAergic synaptic transmission, glycinergic regulation of dense core granule exocytosis regulation of calcium ion-dependent exocytosis positive regulation of calcium ion-dependent exocytosis excitatory chemical synaptic transmission chemical synaptic transmission Nitric Oxide Signaling Pathway Cardiac Protection Against ROS Gamma-aminobutyric Acid Receptor Life Cycle Ca++/ Calmodulin-dependent Protein Kinase Activation Regulation of ck1/cdk5 by type 1 glutamate receptors Ion Channels and Their Functional Role in Vascular Endothelium Regulation of PGC-1a g-Secretase mediated ErbB4 Signaling Pathway 100 1000 10 BioCarta 2016 GO_Biological_Process_2017b GO_Cellular_Component_ GO_Molecular_Function_2017b KEGG_2019_Human KEGG_2019_Mouse Pathway

Panther_2016

Reactome_2016

WikiPathways_2019_Huma

