

# GO\_Biological\_Process\_2021

Term

synaptic transmission, glutamatergic  
(GO:0035249)

glutamate receptor signaling pathway  
(GO:0007215)

peptidyl-tyrosine dephosphorylation involved  
in inactivation of protein kinase activity  
(GO:1990264)

ionotropic glutamate receptor signaling  
pathway (GO:0035235)

calcium ion transport into cytosol  
(GO:0060402)

inhibitory synapse assembly (GO:1904862)

negative regulation of glucose transmembrane  
transport (GO:0010829)

calcium ion-regulated exocytosis of  
neurotransmitter (GO:0048791)

axonal fasciculation (GO:0007413)

response to interleukin-6 (GO:0070741)

0

2

4

6

Enrichment log(combined score)

# GO\_Cellular\_Component\_2021



# GO\_Molecular\_Function\_2021

Term

ionotropic glutamate receptor activity  
(GO:0004970)

kainate selective glutamate receptor  
activity (GO:0015277)

ligand-gated channel activity (GO:0022834)

ligand-gated ion channel activity  
(GO:0015276)

NMDA glutamate receptor activity  
(GO:0004972)

glutamate receptor activity (GO:0008066)

inositol 1,4,5 trisphosphate binding  
(GO:0070679)

transmitter-gated ion channel activity  
(GO:0022824)

voltage-gated calcium channel activity  
involved in cardiac muscle cell action  
potential (GO:0086007)

oxidoreductase activity, acting on a sulfur  
group of donors, disulfide as acceptor  
(GO:0016671)

glutamate-gated calcium ion channel activity  
(GO:0022849)

ankyrin repeat binding (GO:0071532)

anion:sodium symporter activity (GO:0015373)

GPI-linked ephrin receptor activity  
(GO:0005004)

0

2

4

6

Enrichment log(combined score)