

UP

neuron projection morphogenesis

synapse assembly

neurotransmitter secretion

dendritic spine morphogenesis

glutamate receptor signaling pathway

potassium ion transport

regulation of neurotransmitter levels

regulation of synaptic plasticity

insulin secretion

long-term synaptic potentiation

0.0 2.5 5.0 7.5 10.0

DOWN

cellular response to stress

cellular response to heat

cell cycle G2/M phase transition

mitotic cell cycle phase transition

stem cell differentiation

macroautophagy

proteasomal protein catabolic process

chromosome organization

Wnt signaling pathway

autophagy

0 5 10 15

 $-\log_{10}(\text{pvalue})$