



glutamatergic synapse

vacuolar proton-transporting V-type ATPase activity

extrinsic component of synaptic vesicle membrane

neuron projection

growth cone

Schaffer collateral – CA1 synapse

dendritic shaft

postsynaptic density membrane

neuronal cell body

plasma membrane

clathrin-coated vesicle membrane

postsynapse

axon

synaptic vesicle lumen acidification

proton-transporting ATPase activity, rotational

geneRatio

10

20

30

40

50

60

-Log10 (FDR)