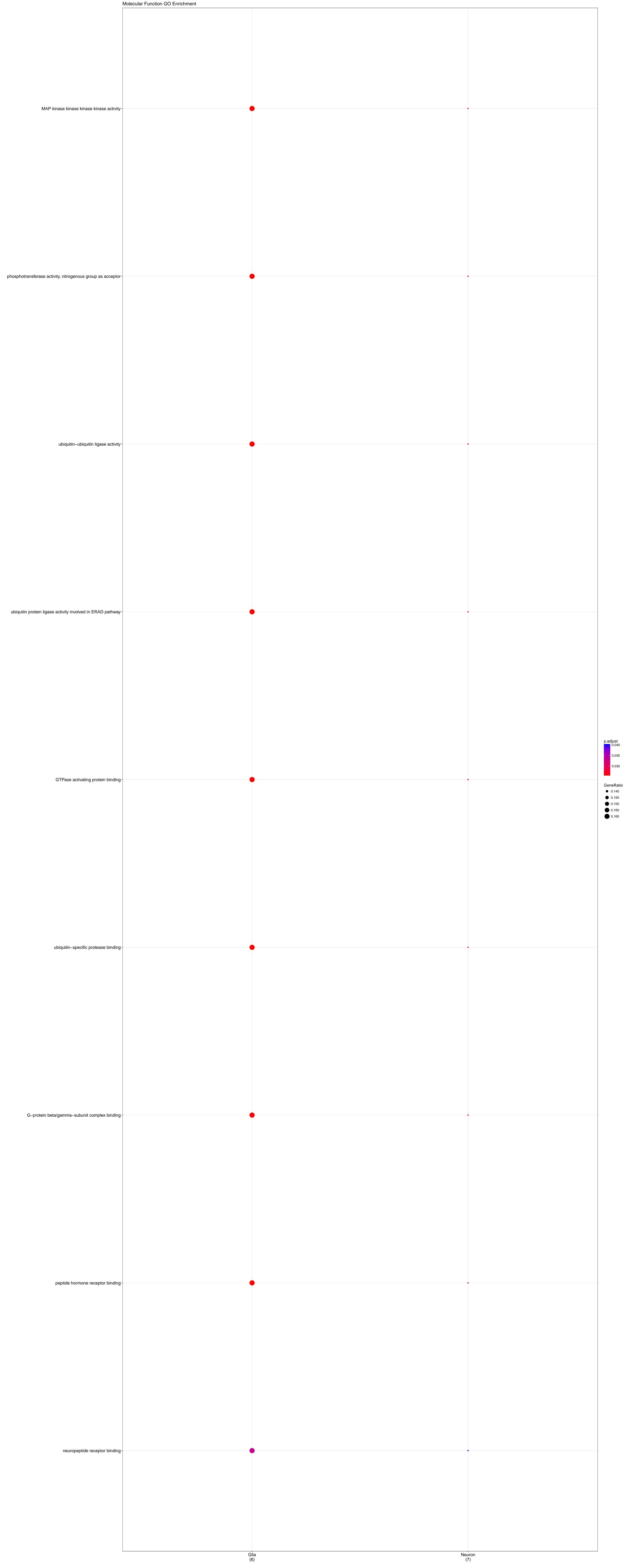
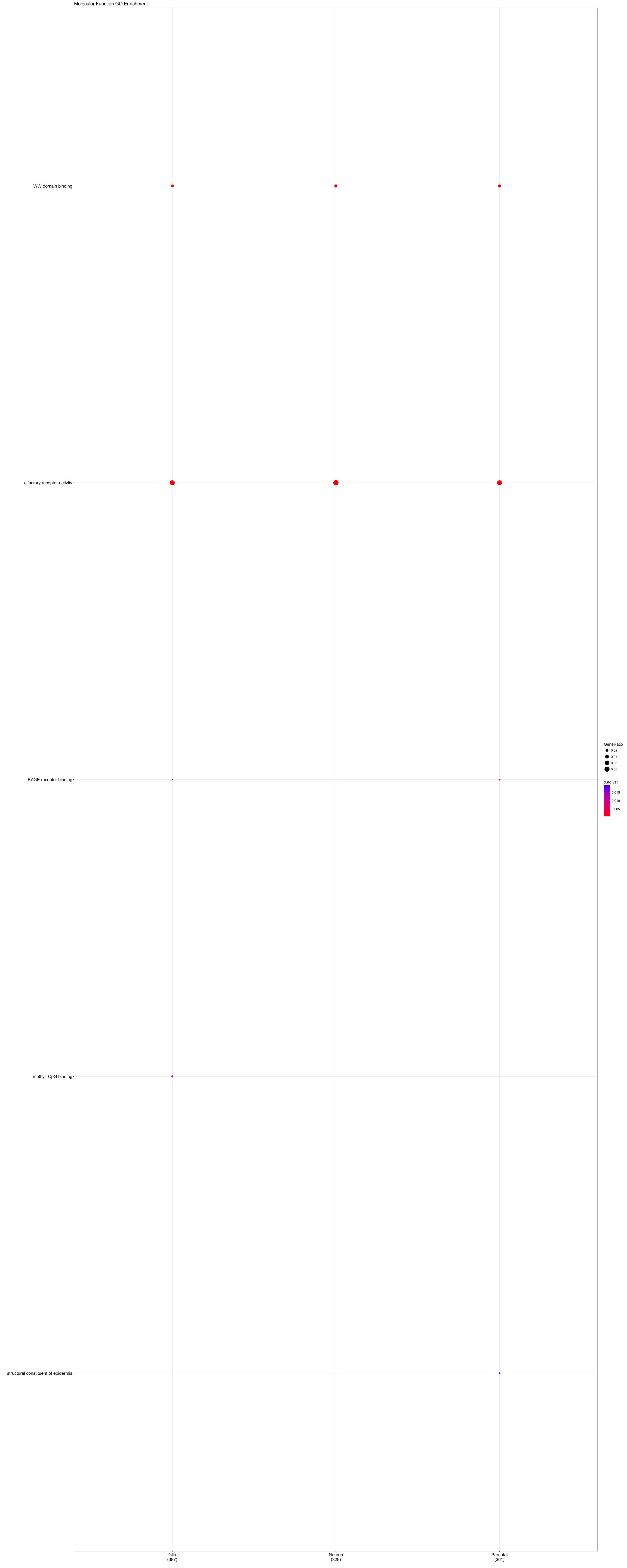
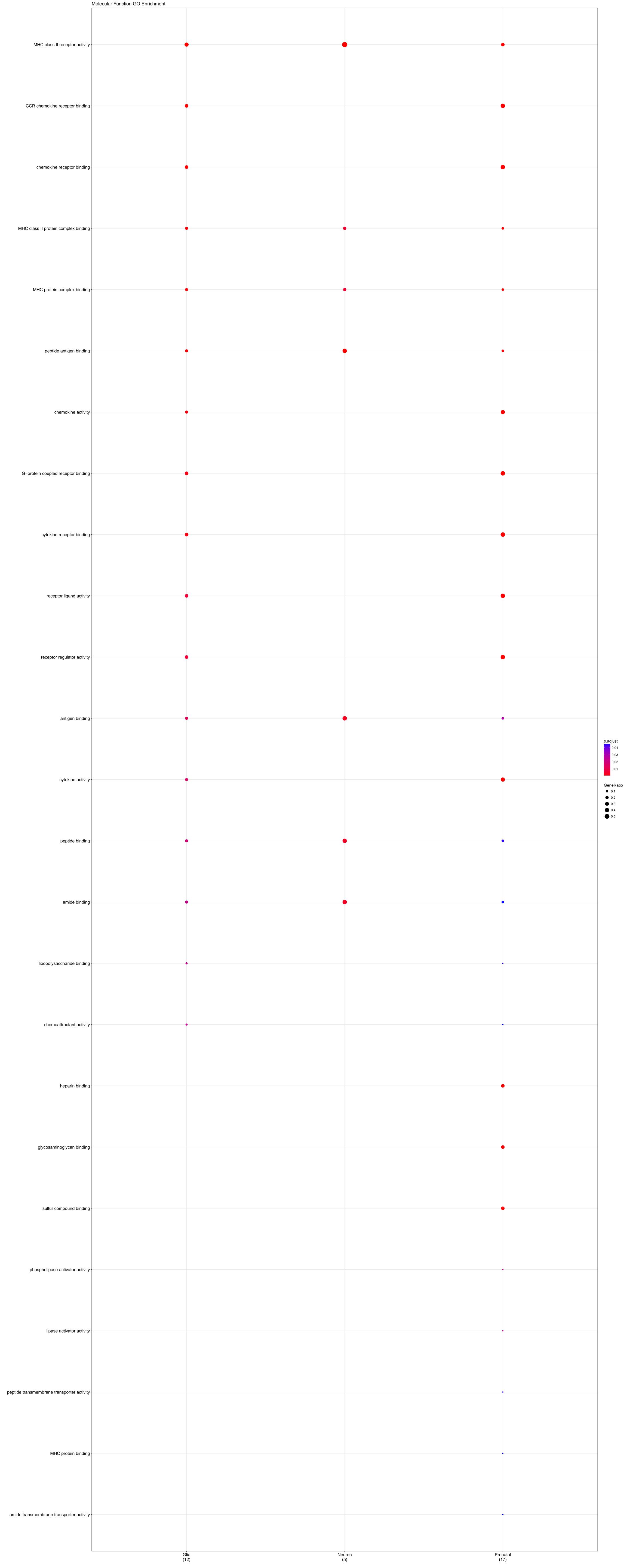
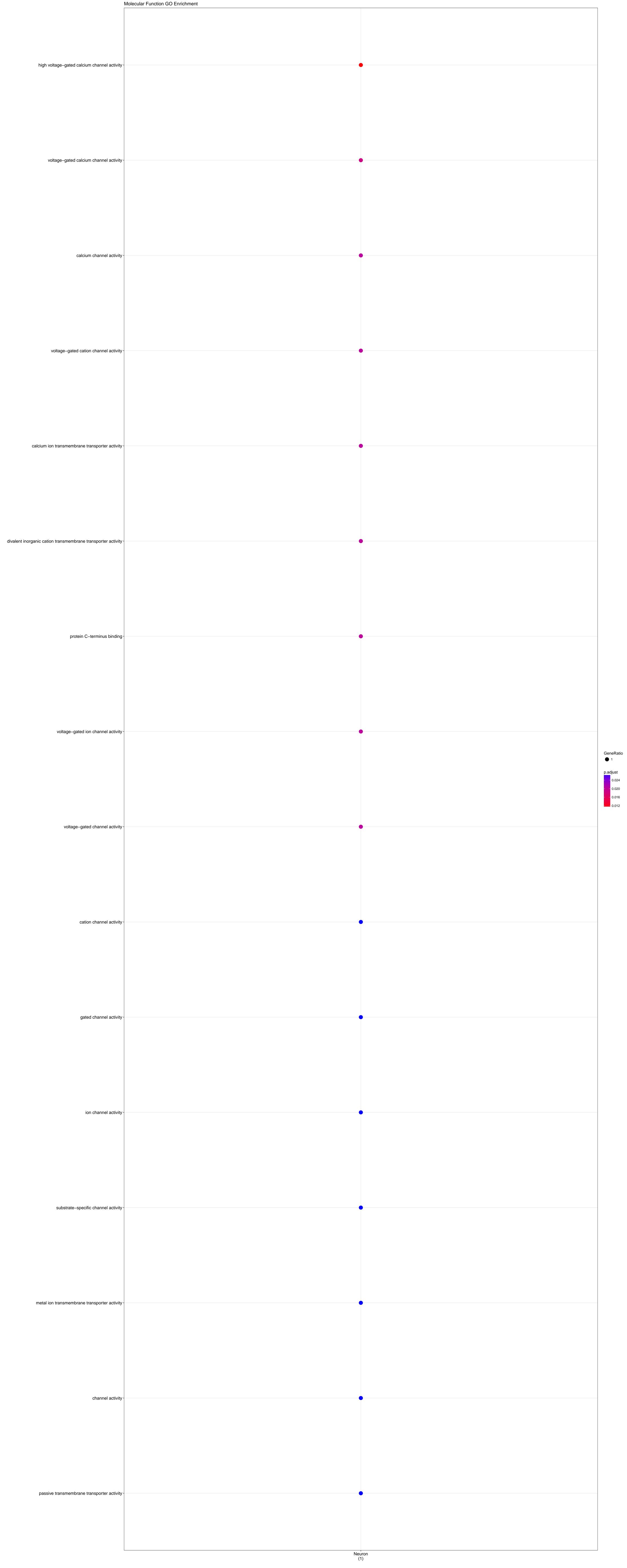


olfactory receptor activity -	Molecular Function	GO Enrichment			
endopeptidase inhibitor activity -					
peptidase inhibitor activity - endopeptidase regulator activity -					
odorant binding - serine-type endopeptidase inhibitor activity -					
peptidase regulator activity -					
neuropeptide receptor activity - G-protein coupled peptide receptor activity -					
peptide receptor activity - immunoglobulin binding -					
Infinitioglobalin binding					
tetrapyrrole binding - oxygen binding -					
heme binding					
oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, reduced flavin or flavoprotein as one donor, and incorporation of one atom of oxygen-					
monooxygenase activity - gated channel activity -					
iron ion binding -					
aromatase activity - interleukin-1 receptor binding -					
arachidonic acid monooxygenase activity - arachidonic acid epoxygenase activity -					
ion channel activity -					
steroid hydroxylase activity - channel activity -					
passive transmembrane transporter activity - oxygen carrier activity -					
structural constituent of epidermis					
enzyme inhibitor activity - substrate-specific channel activity -					
voltage-gated cation channel activity					
bile acid transmembrane transporter activity - beta-2-microglobulin binding -					
lipopeptide binding - voltage-gated ion channel activity -					
voltage-gated channel activity					
cysteine-type endopeptidase inhibitor activity - voltage-gated calcium channel activity -					
thiol-dependent ubiquitinyl hydrolase activity - G-protein coupled serotonin receptor activity -					
sodium-independent organic anion transmembrane transporter activity -					
neurotransmitter receptor activity - ubiquitinyl hydrolase activity -					
cation channel activity - ubiquitin-like protein-specific protease activity -					
calmodulin binding					
Rho GTPase binding - GTPase regulator activity -					p.adjust
actin binding - metal ion transmembrane transporter activity -					0.04 - 0.03 - 0.02 - 0.01
GTPase activator activity					GeneRatio ● 0.025
calcium ion transmembrane transporter activity - nucleoside-triphosphatase regulator activity -					0.0500.0750.100
Rac GTPase binding - cysteine-type peptidase activity -					
glutamate receptor binding -					
transmembrane receptor protein tyrosine phosphatase activity - transmembrane receptor protein phosphatase activity -					
transmitter-gated ion channel activity - transmitter-gated channel activity -					
ligand-gated ion channel activity-					
ligand-gated channel activity - ion channel binding -					
ionotropic glutamate receptor activity - extracellularly glutamate-gated ion channel activity -					
glutamate receptor activity					
guanylate kinase activity - protein serine/threonine kinase activity -					
divalent inorganic cation transmembrane transporter activity - calcium channel activity -					
excitatory extracellular ligand-gated ion channel activity-					
ligand-gated cation channel activity - ionotropic glutamate receptor binding -					
extracellular ligand-gated ion channel activity - nucleotide kinase activity -					
transcription corepressor activity -					
cytoskeletal adaptor activity - semaphorin receptor activity -					
potassium channel activity - ephrin receptor binding -					
high voltage-gated calcium channel activity-					
potassium ion transmembrane transporter activity - PDZ domain binding -					
phospholipase A2 activity (consuming 1,2-dipalmitoylphosphatidylcholine) - phospholipase A2 activity consuming 1,2-dioleoylphosphatidylethanolamine) -					
scaffold protein binding					
carbohydrate binding - monovalent inorganic cation transmembrane transporter activity -					
neurotransmitter:sodium symporter activity - peptidoglycan muralytic activity -					
peptidoglycan muralytic activity - voltage-gated potassium channel activity -					
neurotransmitter transporter activity - oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen -					
sodium ion transmembrane transporter activity -					
signaling pattern recognition receptor activity - pattern recognition receptor activity -					
heparin binding - phospholipase A2 activity -					
phosphatidylcholine 1-acylhydrolase activity -					
receptor ligand activity - receptor regulator activity -					
channel regulator activity -		Glia N 058) (leuron P (835) (renatal 1713)	
	(1	υυο)	(000)	1713)	









olfactory receptor activity		ar Functio	n GO En	richment									
odorant binding G-protein coupled serotonin receptor activity						•							
serotonin receptor activity G-protein coupled amine receptor activity													
calcium ion transmembrane transporter activity calmodulin binding divalent inorganic cation transmembrane transporter activity													
Ras guanyl-nucleotide exchange factor activity urate transmembrane transporter activity					•								
salt transmembrane transporter activity CoA-ligase activity													
inorganic anion exchanger activity sodium-independent organic anion transmembrane transporter activity C-acyltransferase activity													
fatty acid ligase activity transferring acyl groups other than amino-acyl groups													
aromatase activity oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, reduced flavin or flavoprotein as one donor, and incorporation of one atom of oxygen													
acid-thiol ligase activity heme binding organic acid transmembrane transporter activity													
anion transmembrane transporter activity arachidonic acid monooxygenase activity													
arachidonic acid epoxygenase activity organic anion transmembrane transporter activity													
tetrapyrrole binding transferase activity, transferring acyl groups N-acyltransferase activity													
mRNA binding involved in posttranscriptional gene silencing oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen													
endopeptidase inhibitor activity peptidase inhibitor activity endopeptidase regulator activity													
serine-type endopeptidase inhibitor activity peptidase regulator activity													
neuropeptide receptor activity G-protein coupled peptide receptor activity													
peptide receptor activity immunoglobulin binding. IgG binding													
oxygen binding glucuronosyltransferase activity													
monooxygenase activity gated channel activity iron ion binding													
iron ion binding interleukin–1 receptor binding interleukin–1 receptor binding ion channel activity													
steroid hydroxylase activity channel activity													
passive transmembrane transporter activity oxygen carrier activity structural constituent of epidermis													
enzyme inhibitor activity substrate-specific channel activity													
voltage-gated cation channel activity bile acid transmembrane transporter activity													
beta-2-microglobulin binding lipopeptide binding voltage-gated ion channel activity													
voltage-gated channel activity cysteine-type endopeptidase inhibitor activity													
voltage-gated calcium channel activity thiol-dependent ubiquitinyl hydrolase activity													
neurotransmitter receptor activity ubiquitinyl hydrolase activity cation channel activity													
ubiquitin-like protein-specific protease activity Rho GTPase binding													
GTPase regulator activity actin binding metal ion transmembrane transporter activity	_												
GTPase activator activity nucleoside-triphosphatase regulator activity													
Rac GTPase binding cysteine–type peptidase activity													p.adjust 0.04 - 0.03
glutamate receptor binding transmembrane receptor protein tyrosine phosphatase activity transmembrane receptor protein phosphatase activity													0.02 0.01 GeneRatio
transmitter-gated ion channel activity transmitter-gated channel activity													0.250.500.75
ligand-gated ion channel activity ligand-gated channel activity ion channel binding													1.00
ionotropic glutamate receptor activity extracellularly glutamate-gated ion channel activity													
glutamate receptor activity guanylate kinase activity protein serine/threonine kinase activity													
calcium channel activity excitatory extracellular ligand-gated ion channel activity												•	
ligand-gated cation channel activity ionotropic glutamate receptor binding													
extracellular ligand-gated ion channel activity nucleotide kinase activity transcription corepressor activity													
cytoskeletal adaptor activity semaphorin receptor activity													
potassium channel activity ephrin receptor binding high voltage-gated calcium channel activity													
potassium ion transmembrane transporter activity PDZ domain binding													
phospholipase A2 activity (consuming 1,2–dipalmitoylphosphatidylcholine) phospholipase A2 activity consuming 1,2–dioleoylphosphatidylethanolamine)	_												
scaffold protein binding carbohydrate binding monovalent inorganic cation transmembrane transporter activity													
neurotransmitter:sodium symporter activity peptidoglycan muralytic activity													
voltage-gated potassium channel activity neurotransmitter transporter activity sodium ion transmembrane transporter activity													
signaling pattern recognition receptor activity pattern recognition receptor activity													
heparin binding phospholipase A2 activity phosphatidylcholine 1-acylhydrolase acylhydrolase acylhydrolase acylhydrolase acylhydrolase acylhydrolase acylhydrolase acylhydrolase acylhydrolase acylhydrola													
receptor regulator activity													
channel regulator activity MAP kinase kinase kinase kinase kinase activity													
phosphotransferase activity, nitrogenous group as acceptor ubiquitin-ubiquitin-ubiquitin ligase activity ubiquitin protein ligase activity involved in ERAD pathway													
GTPase activating protein binding ubiquitin-specific protease binding													
G-protein beta/gamma-subunit complex binding peptide hormone receptor binding neuropeptide receptor binding													
WW domain binding RAGE receptor binding													
methyl-CpG binding MHC class II receptor activity CCR chemokine receptor binding													
chemokine receptor binding MHC class II protein complex binding													
MHC protein complex binding peptide antigen binding chemokine activity.													
chemokine activity G-protein coupled receptor binding cytokine receptor binding													
antigen binding cytokine activity													
peptide binding amide binding lipopolysaccharide binding													
chemoattractant activity glycosaminoglycan binding													
sulfur compound binding phospholipase activator activity													
lipase activator activity peptide transmembrane transporter activity MHC protein binding													
amide transmembrane transporter activity protein C-terminus binding			en.	80 21'	Var.		Daniel Pa		100 E	Br		Admin 1	me" -
All:PAdhBtaAdBBa	(377) (3	49) (376)	(110) (46	62) (325) (4	39) (105	8) (835) (17	13) (6)	(7) (38	Kaba Shidu (3) 87) (329) (3	61) (12)	(5) (17	rweideo ffice ') (1)	പ്പെ ങ്ങി a.Neuron

Cellular Compartment GO Enrichment synaptic membrane postsynapsepostsynaptic membraneaxon partpostsynaptic densitypostsynaptic specialization asymmetric synapse neuron to neuron synapseaxon initial segment main axoncostamereneuronal cell bodycell bodyaxondendrite -M band-NMDA selective glutamate receptor complexneuron projection membrane voltage-gated calcium channel complexcation channel complexion channel complex-A band axolemmareceptor complex transmembrane transporter complexkeratin filamentintermediate filamentintermediate filament cytoskeletoncornified envelopetransporter complexdendritic spine neuron spinepresynapseionotropic glutamate receptor complexneurotransmitter receptor complex-Z disc-AMPA glutamate receptor complex I bandvoltage-gated potassium channel complexexcitatory synapse actin cytoskeletonpotassium channel complexpresynaptic membraneperikaryonneuron projection terminus growth conenode of Ranviersite of polarized growthcell-cell junction sarcolemmacell-cell contact zone plasma membrane receptor complexsarcomerecytoplasmic regioncalcium channel complexactomyosinmyofibril cell projection cytoplasmsynaptic vesiclep.adjust axon terminus -0.03 0.02 exocytic vesicle-0.01 contractile fiber part GeneRatio contractile fiber 0.25 0.50 intercalated disc-0.75 1.00 presynaptic active zonestress fibercontractile actin filament bundlecell leading edge-T-tubule cytoplasmic side of plasma membrane photoreceptor outer segment nuclear matrix actin filament bundledendritic shaftfilopodium axon cytoplasmapical part of celltransport vesicleintrinsic component of synaptic vesicle membrane nuclear peripherycytoplasmic side of membrane neuromuscular junction microtubule end-9+0 non-motile cilium photoreceptor cell cilium collagen trimer-Golgi lumen anchored component of membrane Derlin-1 retrotranslocation complexendoplasmic reticulum quality control compartment heterotrimeric G-protein complex-GTPase complex -MHC class II protein complex MHC protein complex integral component of lumenal side of endoplasmic reticulum membrane lumenal side of endoplasmic reticulum membrane clathrin-coated endocytic vesicle membrane ER to Golgi transport vesicle membrane clathrin-coated endocytic vesicle COPII-coated ER to Golgi transport vesicletrans-Golgi network membrane plasma membrane protein complex Golgi-associated vesicle membrane clathrin-coated vesicle membrane integral component of endoplasmic reticulum membrane intrinsic component of endoplasmic reticulum membrane Golgi-associated vesicle lysosomal membrane lytic vacuole membrane coated vesicle membrane endocytic vesicle membrane clathrin-coated vesicletransport vesicle membrane vacuolar membranetrans-Golgi networkendosome membraneendosomal partcoated vesicleendocytic vesicleside of membranelate endosome membranelate endosomeno:no:NeoroosnodNetiaeone:no:NeuronsoonPireoxantadGhia:Gdiano:Gdi