

		N-I	N-II	N-III	N-IV	N-V
cell-cell adhesion	(GO:0098609)	Blue	Blue	Blue	Blue	Yellow
nervous system development	(GO:0007399)	Blue	Blue	Blue	Yellow	Blue
anatomical structure morphogenesis	(GO:0009653)	Blue	Blue	Blue	Yellow	Blue
neurogenesis	(GO:0022008)	Blue	Blue	Blue	Yellow	Blue
cell differentiation	(GO:0030154)	Blue	Blue	Blue	Yellow	Blue
neuron differentiation	(GO:0030182)	Blue	Blue	Blue	Yellow	Blue
cell development	(GO:0048468)	Blue	Blue	Blue	Yellow	Blue
generation of neurons	(GO:0048699)	Blue	Blue	Blue	Yellow	Blue
system development	(GO:0048731)	Blue	Blue	Blue	Yellow	Blue
cellular developmental process	(GO:0048869)	Blue	Blue	Blue	Yellow	Blue
synaptic signaling	(GO:0099536)	Blue	Blue	Blue	Yellow	Blue
trans-synaptic signaling	(GO:0099537)	Blue	Blue	Blue	Yellow	Blue
multicellular organism development	(GO:0007275)	Blue	Blue	Blue	Yellow	Yellow
multicellular organismal process	(GO:0032501)	Blue	Blue	Blue	Yellow	Yellow
developmental process	(GO:0032502)	Blue	Blue	Blue	Yellow	Yellow
chemical synaptic transmission	(GO:0007268)	Blue	Blue	Blue	Yellow	White
anterograde trans-synaptic signaling	(GO:0098916)	Blue	Blue	Blue	Yellow	White
cell morphogenesis	(GO:0000902)	Blue	Blue	Yellow	Yellow	Blue
neuron projection development	(GO:0031175)	Blue	Blue	Yellow	Yellow	Blue
cellular component morphogenesis	(GO:0032989)	Blue	Blue	Yellow	Yellow	Blue
cell part morphogenesis	(GO:0032990)	Blue	Blue	Yellow	Yellow	Blue
neuron development	(GO:0048666)	Blue	Blue	Yellow	Yellow	Blue
neuron projection morphogenesis	(GO:0048812)	Blue	Blue	Yellow	Yellow	Blue
cell projection morphogenesis	(GO:0048858)	Blue	Blue	Yellow	Yellow	Blue
plasma membrane bounded cell projection morphogenesis	(GO:0120039)	Blue	Blue	Yellow	Yellow	Blue
anatomical structure development	(GO:0048856)	Blue	Blue	Yellow	Yellow	Yellow
cell morphogenesis involved in differentiation	(GO:0000904)	Blue	Blue	Yellow	Yellow	White
chemotaxis	(GO:0006935)	Blue	Blue	Yellow	Yellow	White
axonogenesis	(GO:0007409)	Blue	Blue	Yellow	Yellow	White
axon guidance	(GO:0007411)	Blue	Blue	Yellow	Yellow	White
locomotion	(GO:0040011)	Blue	Blue	Yellow	Yellow	White
taxis	(GO:0042330)	Blue	Blue	Yellow	Yellow	White
cell morphogenesis involved in neuron differentiation	(GO:0048667)	Blue	Blue	Yellow	Yellow	White
axon development	(GO:0061564)	Blue	Blue	Yellow	Yellow	White
neuron projection guidance	(GO:0097485)	Blue	Blue	Yellow	Yellow	White
modulation of chemical synaptic transmission	(GO:0050804)	Blue	Blue	White	Blue	Blue
regulation of trans-synaptic signaling	(GO:0099177)	Blue	Blue	White	Blue	Blue
cell-cell adhesion via plasma-membrane adhesion molecules	(GO:0098742)	Blue	Blue	White	Blue	Yellow
regulation of cellular process	(GO:0050794)	Blue	Blue	White	White	Blue
cell adhesion	(GO:0007155)	Blue	Blue	White	White	Yellow
regulation of neuron projection development	(GO:0010975)	Blue	Blue	White	White	White
response to chemical	(GO:0042221)	Blue	Blue	White	White	White
regulation of axonogenesis	(GO:0050770)	Blue	Blue	White	White	White
cell-cell signaling	(GO:0007267)	Blue	Blue	White	Red	White
response to external stimulus	(GO:0009605)	Blue	Blue	White	Red	White
cell projection organization	(GO:0030030)	Blue	Blue	White	Red	White
biological regulation	(GO:0065007)	Blue	Blue	White	Red	White
plasma membrane bounded cell projection organization	(GO:0120036)	Blue	Blue	White	Red	White
cell communication	(GO:0007154)	Blue	Yellow	White	Red	White
signaling	(GO:0023052)	Blue	Yellow	White	Red	White

cellular process	(GO:0009987)	■	■	■	■
cellular component organization or biogenesis	(GO:0071840)	■	■	■	■
cell junction organization	(GO:0034330)	■	■	■	■
translation	(GO:0006412)	■	■	■	■
peptide metabolic process	(GO:0006518)	■	■	■	■
peptide biosynthetic process	(GO:0043043)	■	■	■	■
amide biosynthetic process	(GO:0043604)	■	■	■	■
regulation of sodium ion transport	(GO:0002028)	■	■	■	■
biological_process	(GO:0008150)	■	■	■	■
ribonucleoprotein complex biogenesis	(GO:0022613)	■	■	■	■
ribosome biogenesis	(GO:0042254)	■	■	■	■
vesicle-mediated transport in synapse	(GO:0099003)	■	■	■	■
synaptic vesicle cycle	(GO:0099504)	■	■	■	■
synaptic transmission, glutamatergic	(GO:0035249)	■	■	■	■
central nervous system development	(GO:0007417)	■	■	■	■
protein-RNA complex assembly	(GO:0022618)	■	■	■	■
regulation of RNA splicing	(GO:0043484)	■	■	■	■
regulation of mRNA splicing, via spliceosome	(GO:0048024)	■	■	■	■
regulation of mRNA processing	(GO:0050684)	■	■	■	■
maintenance of location in cell	(GO:0051651)	■	■	■	■
adherens junction organization	(GO:0034332)	■	■	■	■
regulation of transport	(GO:0051049)	■	■	■	■
cytoplasmic translation	(GO:0002181)	■	■	■	■
regulation of anatomical structure morphogenesis	(GO:0022603)	■	■	■	■
monoatomic ion transmembrane transport	(GO:0034220)	■	■	■	■
synaptic vesicle recycling	(GO:0036465)	■	■	■	■
ribosomal large subunit biogenesis	(GO:0042273)	■	■	■	■
ribosomal small subunit biogenesis	(GO:0042274)	■	■	■	■
regulation of cell differentiation	(GO:0045595)	■	■	■	■
synaptic vesicle endocytosis	(GO:0048488)	■	■	■	■
animal organ development	(GO:0048513)	■	■	■	■
regulation of neurogenesis	(GO:0050767)	■	■	■	■
regulation of developmental process	(GO:0050793)	■	■	■	■
regulation of nervous system development	(GO:0051960)	■	■	■	■
regulation of biological quality	(GO:0065008)	■	■	■	■
protein-RNA complex organization	(GO:0071826)	■	■	■	■
regulation of biological process	(GO:0050789)	■	■	■	■
calcium-ion regulated exocytosis	(GO:0017156)	■	■	■	■
regulation of cell migration	(GO:0030334)	■	■	■	■
cell junction assembly	(GO:0034329)	■	■	■	■
heterophilic cell-cell adhesion via plasma membrane cell adhesion molecules	(GO:0007157)	■	■	■	■
regulation of cell projection organization	(GO:0031344)	■	■	■	■
receptor clustering	(GO:0043113)	■	■	■	■
response to stimulus	(GO:0050896)	■	■	■	■
regulation of plasma membrane bounded cell projection organization	(GO:0120035)	■	■	■	■
signal transduction	(GO:0007165)	■	■	■	■
biosynthetic process	(GO:0009058)	■	■	■	■
macromolecule biosynthetic process	(GO:0009059)	■	■	■	■
cellular biosynthetic process	(GO:0044249)	■	■	■	■
cellular nitrogen compound biosynthetic process	(GO:0044271)	■	■	■	■
synapse organization	(GO:0050808)	■	■	■	■

organonitrogen compound biosynthetic process	(GO:1901566)					
organic substance biosynthetic process	(GO:1901576)					
regulation of metal ion transport	(GO:0010959)					
neurotransmitter transport	(GO:0006836)					
response to oxidative stress	(GO:0006979)					
neurotransmitter secretion	(GO:0007269)					
gene expression	(GO:0010467)					
synaptic vesicle exocytosis	(GO:0016079)					
signal release	(GO:0023061)					
mitochondrial respiratory chain complex I assembly	(GO:0032981)					
amide metabolic process	(GO:0043603)					
regulated exocytosis	(GO:0045055)					
signal release from synapse	(GO:0099643)					
carbohydrate derivative biosynthetic process	(GO:1901137)					
organonitrogen compound metabolic process	(GO:1901564)					
negative regulation of protein phosphorylation	(GO:0001933)					
cellular component organization	(GO:0016043)					
negative regulation of phosphorylation	(GO:0042326)					
negative regulation of phosphorus metabolic process	(GO:0010563)					
negative regulation of protein modification process	(GO:0031400)					
negative regulation of phosphate metabolic process	(GO:0045936)					
regulation of alternative mRNA splicing, via spliceosome	(GO:0000381)					
translational elongation	(GO:0006414)					
regulation of exocytosis	(GO:0017157)					
regulation of localization	(GO:0032879)					
regulation of transmembrane transport	(GO:0034762)					
regulation of monoatomic ion transmembrane transport	(GO:0034765)					
regulation of monoatomic ion transport	(GO:0043269)					
maintenance of location	(GO:0051235)					
import into cell	(GO:0098657)					
regulation of monoatomic cation transmembrane transport	(GO:1904062)					
regulation of sodium ion transmembrane transporter activity	(GO:2000649)					
cell-cell junction assembly	(GO:0007043)					
regulation of cell growth	(GO:0001558)					
intermediate filament-based process	(GO:0045103)					
intermediate filament cytoskeleton organization	(GO:0045104)					
intermediate filament organization	(GO:0045109)					
intermediate filament bundle assembly	(GO:0045110)					