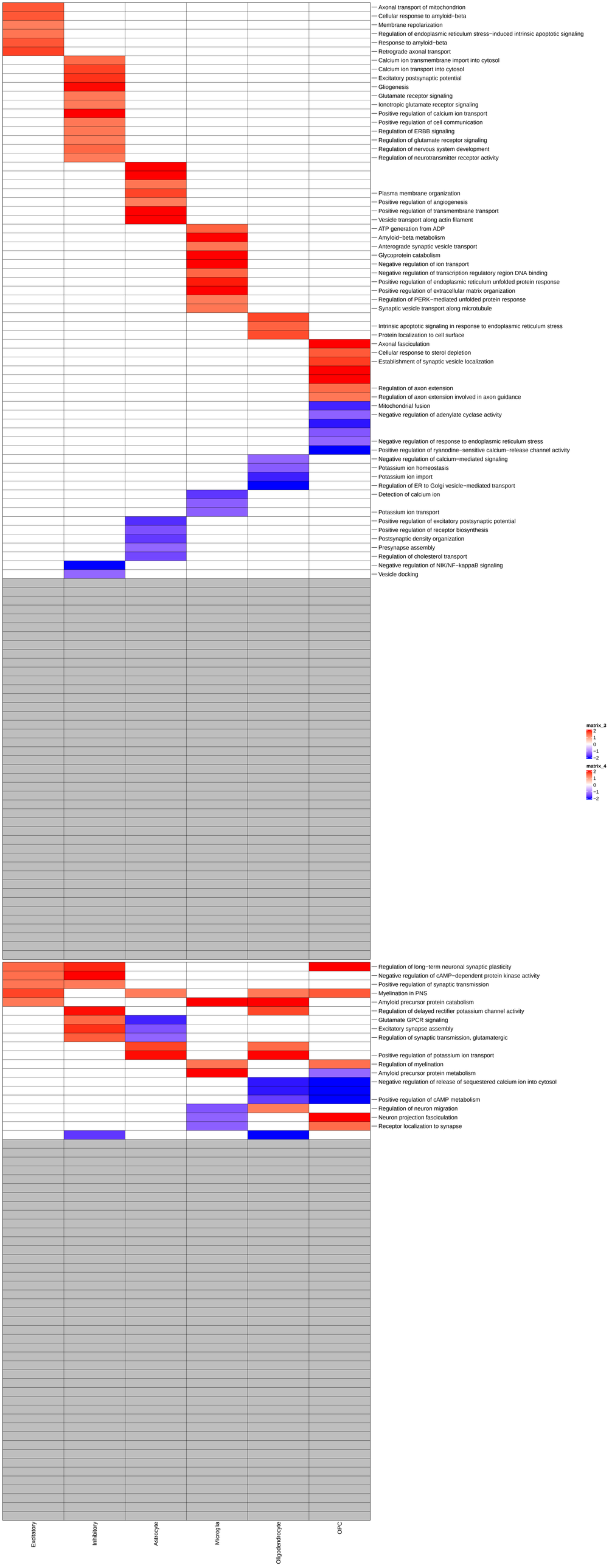
Axonal transport of mitochondrion
Cellular response to amyloid−beta
Membrane repolarization
Regulation of endoplasmic reticulum stress−induced intrinsic apoptotic signaling
Response to amyloid−beta
Retrograde axonal transport
Calcium ion transmembrane import into cytosol
Calcium ion transport into cytosol
Excitatory postsynaptic potential
Gliogenesis
Glutamate receptor signaling
Ionotropic glutamate receptor signaling
Positive regulation of calcium ion transport
Positive regulation of cell communication
Regulation of ERBB signaling
Regulation of glutamate receptor signaling
Regulation of nervous system development
Regulation of neurotransmitter receptor activity
Plasma membrane organization
Positive regulation of angiogenesis
Positive regulation of transmembrane transport
Vesicle transport along actin filament
ATP generation from ADP
Amyloid−beta metabolism
Anterograde synaptic vesicle transport
Glycoprotein catabolism
Negative regulation of ion transport
Negative regulation of transcription regulatory region DNA binding
Positive regulation of endoplasmic reticulum unfolded protein response
Positive regulation of extracellular matrix organization
Regulation of PERK−mediated unfolded protein response
Synaptic vesicle transport along microtubule
Intrinsic apoptotic signaling in response to endoplasmic reticulum stress
Protein localization to cell surface
Axonal fasciculation
Cellular response to sterol depletion
Establishment of synaptic vesicle localization
Regulation of axon extension
Regulation of axon extension involved in axon guidance
Mitochondrial fusion
Negative regulation of adenylate cyclase activity
Negative regulation of response to endoplasmic reticulum stress
Positive regulation of ryanodine−sensitive calcium−release channel activity
Negative regulation of calcium−mediated signaling
Potassium ion homeostasis
Potassium ion import
Regulation of ER to Golgi vesicle−mediated transport
Detection of calcium ion
Potassium ion transport
Positive regulation of excitatory postsynaptic potential
Positive regulation of receptor biosynthesis
Postsynaptic density organization
Presynapse assembly
Regulation of cholesterol transport
Negative regulation of NIK/NF−kappaB signaling
Vesicle docking
matrix_3
2
1
0
−1
−2
matrix_4
2
1
0
−1
−2
Regulation of long−term neuronal synaptic plasticity
Negative regulation of cAMP−dependent protein kinase activity
Positive regulation of synaptic transmission
Myelination in PNS
Amyloid precursor protein catabolism
Regulation of delayed rectifier potassium channel activity
Glutamate GPCR signaling
Excitatory synapse assembly
Regulation of synaptic transmission, glutamatergic
Positive regulation of potassium ion transport
Regulation of myelination
Amyloid precursor protein metabolism
Negative regulation of release of sequestered calcium ion into cytosol
Positive regulation of cAMP metabolism
Regulation of neuron migration
Neuron projection fasciculation
Receptor localization to synapse
Excitatory
Inhibitory
Astrocyte
Microglia
Oligodendrocyte
OPC