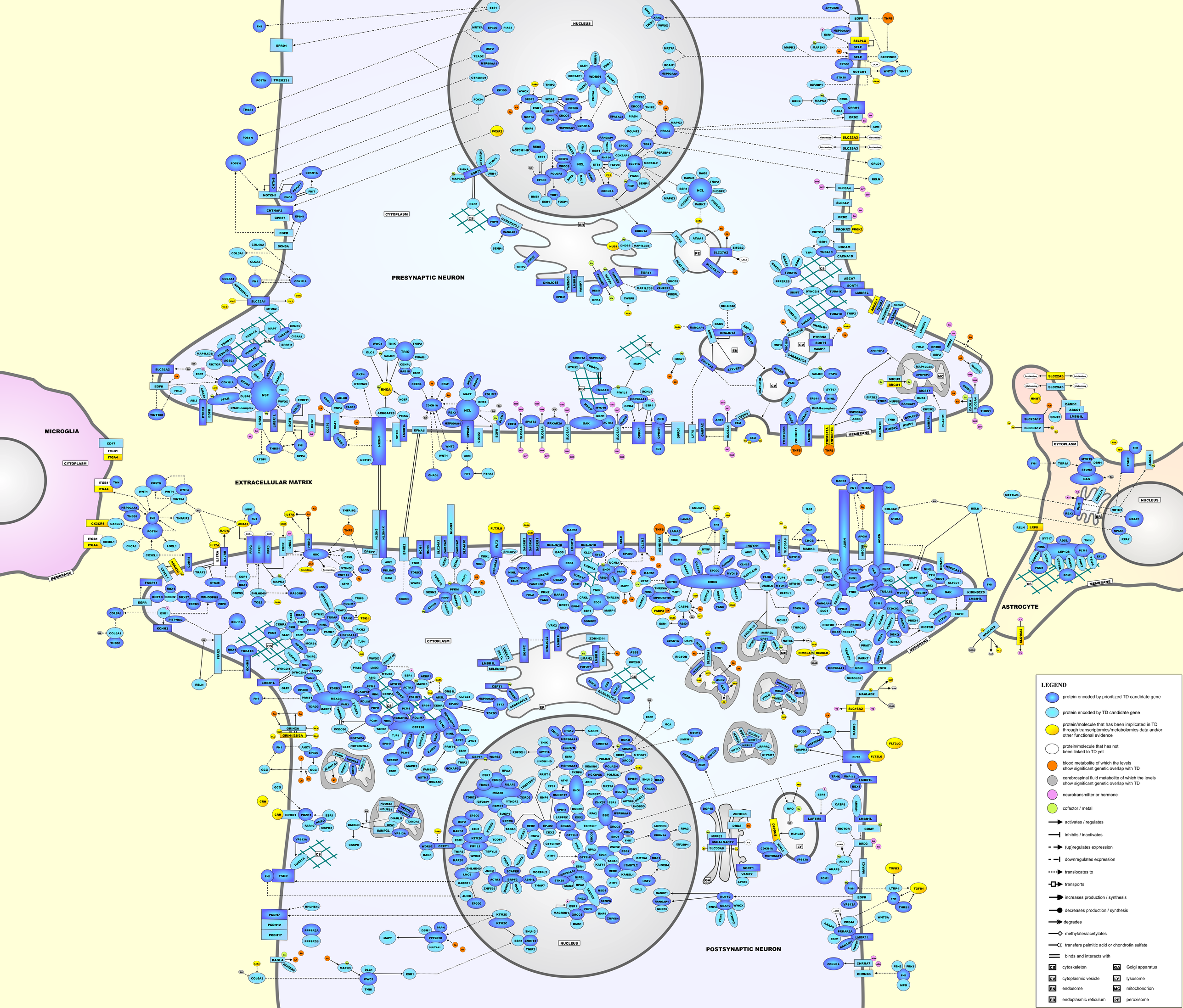
PRESYNAPTIC NEURON
POSTSYNAPTIC NEURON
ASTROCYTE
MICROGLIA
EXTRACELLULAR MATRIX
NUCLEUS
CYTOPLASM
MEMBRANE
ER
CS
PE
EN
CV
MC
GA
LY
LEGEND
protein encoded by prioritized TD candidate gene
protein encoded by TD candidate gene
protein/molecule that has been implicated in TD through transcriptomics/metabolomics data and/or other functional evidence
protein/molecule that has not been linked to TD yet
blood metabolite of which the levels show significant genetic overlap with TD
cerebrospinal fluid metabolite of which the levels show significant genetic overlap with TD
neurotransmitter or hormone
cofactor / metal
activates / regulates
inhibits / inactivates
(up)regulates expression
downregulates expression
translocates to
transports
increases production / synthesis
decreases production / synthesis
degrades
methylates/acetylates
transfers palmitic acid or chondrotin sulfate
binds and interacts with
cytoskeleton
Golgi apparatus
cytoplasmic vesicle
lysosome
endosome
mitochondrion
endoplasmic reticulum
peroxisome