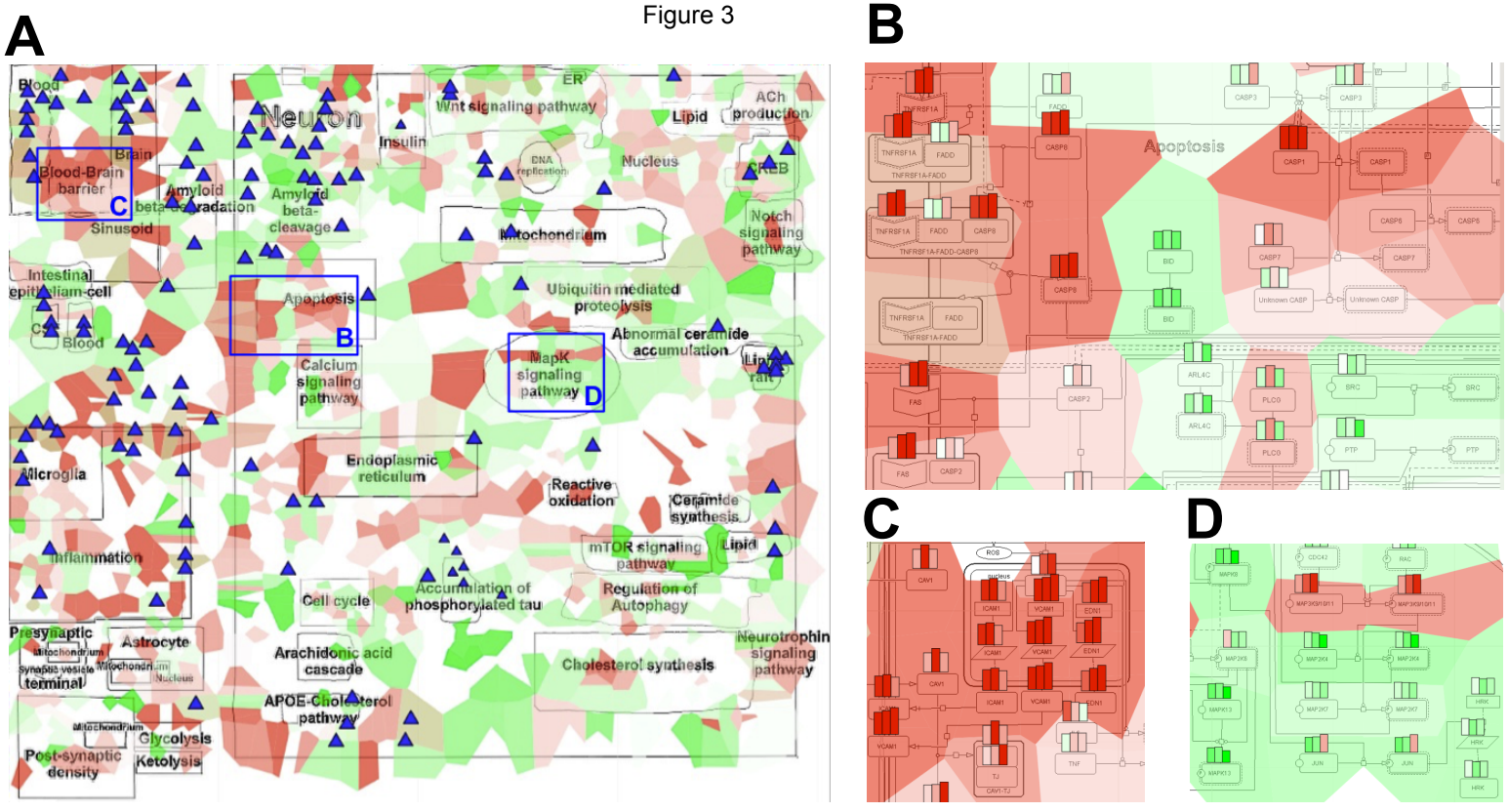
Figure 3


A
Blood
Neuron
Wnt signaling pathway
ER
Lipid
ACh production
Insulin
Brain
Blood-Brain barrier
C
Amyloid beta-degradation
Sinusoid
Amyloid beta-cleavage
DNA replication
Nucleus
CREB
Mitochondrium
Notch signaling pathway
Intestinal epithelium-cell
Blood
Apoptosis
B
Ubiquitin mediated proteolysis
Abnormal ceramide accumulation
Calcium signaling pathway
MapK signaling pathway
D
Microglia
Endoplasmic reticulum
Reactive oxidation
Ceramide synthesis
Inflammation
mTOR signaling pathway
Lipid
Cell cycle
Accumulation of phosphorylated tau
Regulation of Autophagy
Presynaptic terminal
Astrocyte
Mitochondrium
Synaptic vesicle
Nucleus
Arachidonic acid cascade
Cholesterol synthesis
Neurotrophin signaling pathway
APOE-Cholesterol pathway
Mitochondrium
Glycolysis
Post-synaptic density
Ketolysis
B
Apoptosis
C
D