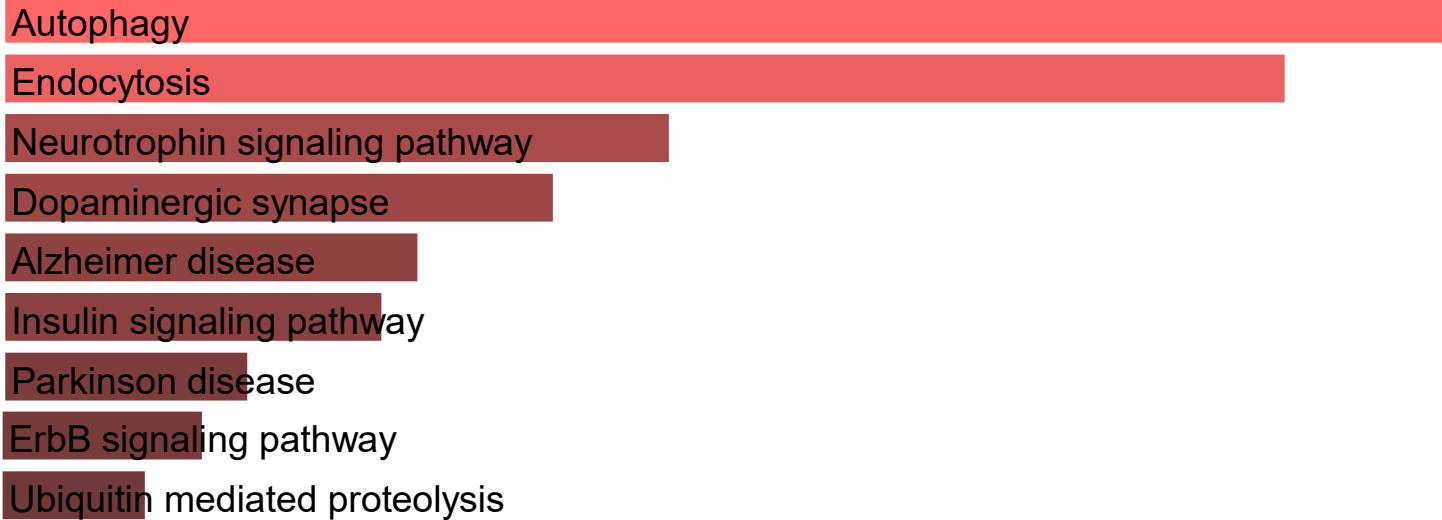


Upregulated Gene set

Autophagy



Gene Set	Relative Upregulation (approximate)
Autophagy	100%
Endocytosis	90%
Neurotrophin signaling pathway	45%
Dopaminergic synapse	40%
Alzheimer disease	30%
Insulin signaling pathway	25%
Parkinson disease	20%
ErbB signaling pathway	15%
Ubiquitin mediated proteolysis	10%

Endocytosis

Neurotrophin signaling pathway

Dopaminergic synapse

Alzheimer disease

Insulin signaling pathway

Parkinson disease

ErbB signaling pathway

Ubiquitin mediated proteolysis

Downregulated Gene set

Sphingolipid metabolism



Gene Set	Relative Downregulation (approximate)
Sphingolipid metabolism	100%
Sphingolipid signaling pathway	75%
Renin-angiotensin system	45%
Propanoate metabolism	30%
Pyruvate metabolism	20%

Sphingolipid signaling pathway

Renin-angiotensin system

Propanoate metabolism

Pyruvate metabolism