



neuron development neuron projection development neuron projection morphogenesis cell projection morphogenesis cell morphogenesis involved in neuron differentiation dellular component plas replacementation bounded cell projection morphogenesis plasma membrane bounded cell projection organization cell morphogenesis involved in differentiation cell part morphogenesis axon development neuron differentiation generation of neurons cell projection organization axonogenesis movement of cell or subcellular component locomotion regulation of multicellular organismal process chitin metabolic process size cell morphogenesis animal organ morphogenesis 60 regulation of developmental process neurogenesis epithelium development 120 p.adjust tissue development 2.50e-11 glucosamine-containing compound metabolic process 5.00e-11 7.50e-11 1.00e-10 1.25e-10 regulation of cell communication regulation of signaling amino sugar metabolic process

Avg Length of Peptides in Enriched Category VS p-value of Enriched Category Adj.R2 = -0.0012588 Intercept = 0.0086809 p.val = 0.522730.05 0.04 Adjusted p-value of Category Synaptic Category **FALSE Number of Proteins** 100 200 300 400 500 0.01 00

0.00

1000

2000

Average Peptide Length of Category

3000

4000