



axonogenesis cell projection morphogenesis neuron projection morphogenesis cell morphogenesis involved in peuron differentiation cell part morphogenesis plasma membrane bounded cell projection morphogenesis neuron projection development regulation of cellular component organization cell morphogenesis involved in differentiation cellular component morphogenesis cell morphogenesis movement of cell or subcellular component p.adjust locomotion neuron development 5.0e-13 cell projection organization 1.0e-12 plasma membrane bounded cell projection organization 1.5e-12 cytoskeleton organization 2.0e-12 neuron differentiation size generation of neurons neurogenesis epithelium development eye development animal organ morphogenesis tissue development compound eye development tissue morphogenesis sensory organ development tube development morphogenesis of an epithelium epithelial cell differentiation

90

120 150 180

210

Avg Length of Peptides in Enriched Category VS p-value of Enriched Category Adj.R2 = 0.0069365 Intercept = 0.01169 p.val = 0.0244860.05 • 0.04 0.03 Synaptic Category **FALSE Number of Proteins** 200 400 0.02 600 800 0.01 0.00 1000 2000 3000

Average Peptide Length of Category

Adjusted p-value of Category