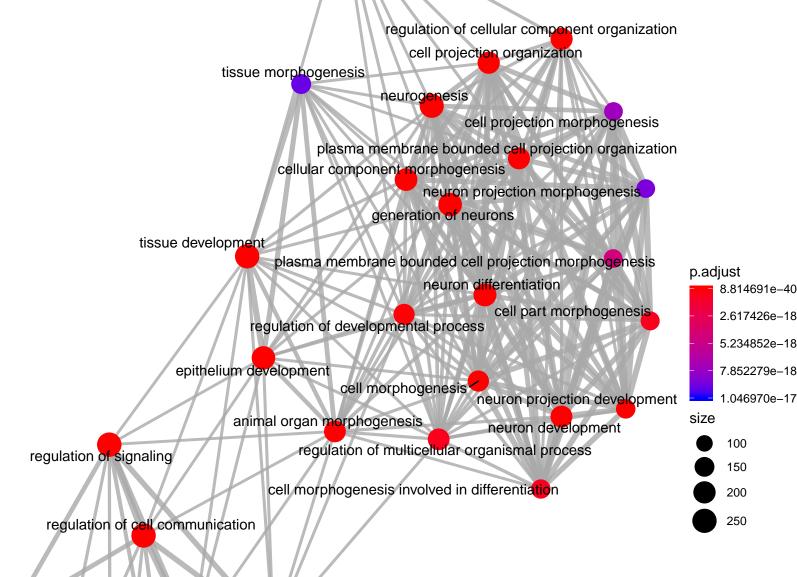


## cytoskeleton organization



regulation of intracellular signal transduction

regulation of response to stimulus

regulation of signal transduction

egulation of Ras protein signal transduction

regulation of small GTPase mediated signal transduction intracellular signal transduction

Avg Length of Peptides in Enriched Category VS p-value of Enriched Category Adj.R2 = -0.0010508 Intercept = 0.0086914 p.val = 0.612490.05 0.04 Adjusted p-value of Category Synaptic Category **FALSE Number of Proteins** 250 500 750 0.01 0.00

3000

4000

1000

2000

Average Peptide Length of Category