

**p < 0.01**  
p < 0.05  
p < 0.1

60/130 actin filament-based process

148/434 cell cycle process

46/120 response to growth factor

203/568 response to organic substance

15/35 response to transforming growth factor beta

162/449 cellular response to chemical stimulus

71/214 cellular response to endogenous stimulus

113/347 response to endogenous stimulus

15/39 transmembrane receptor protein serine/threonine kinase signaling pathway

208/557 cell surface receptor signaling pathway

12/26 epithelial to mesenchymal transition

14/27 stem cell differentiation

18/43 regulation of cellular response to growth factor stimulus

47/98 Wnt signaling pathway

73/190 ncRNA metabolic process

7/9 detection of chemical stimulus involved in sensory perception of pain

160/393 ion transport

24/45 carbohydrate catabolic process