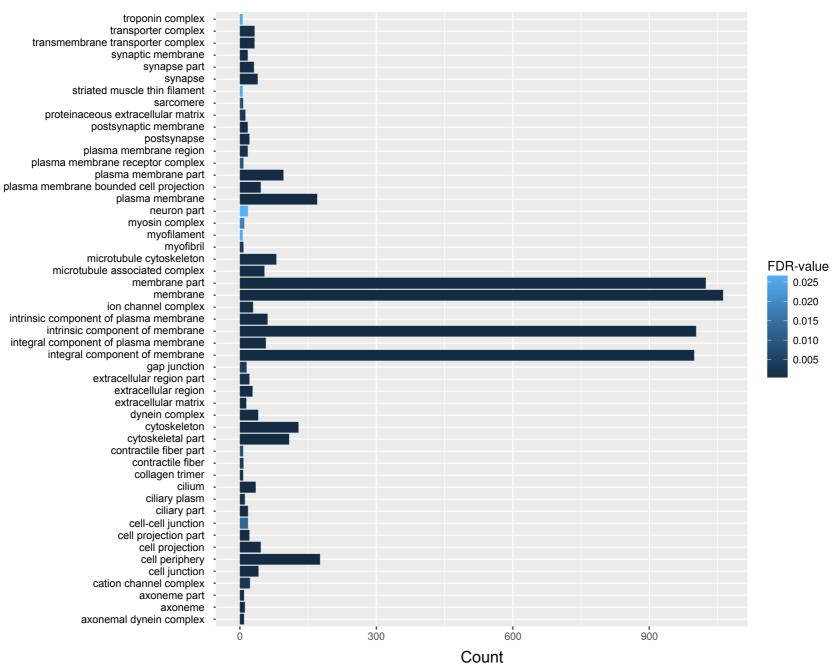
Additional file 6: Figure S2 Gene Ontology Analysis

Bar graph for GO term analysis in male up-regulated transcripts

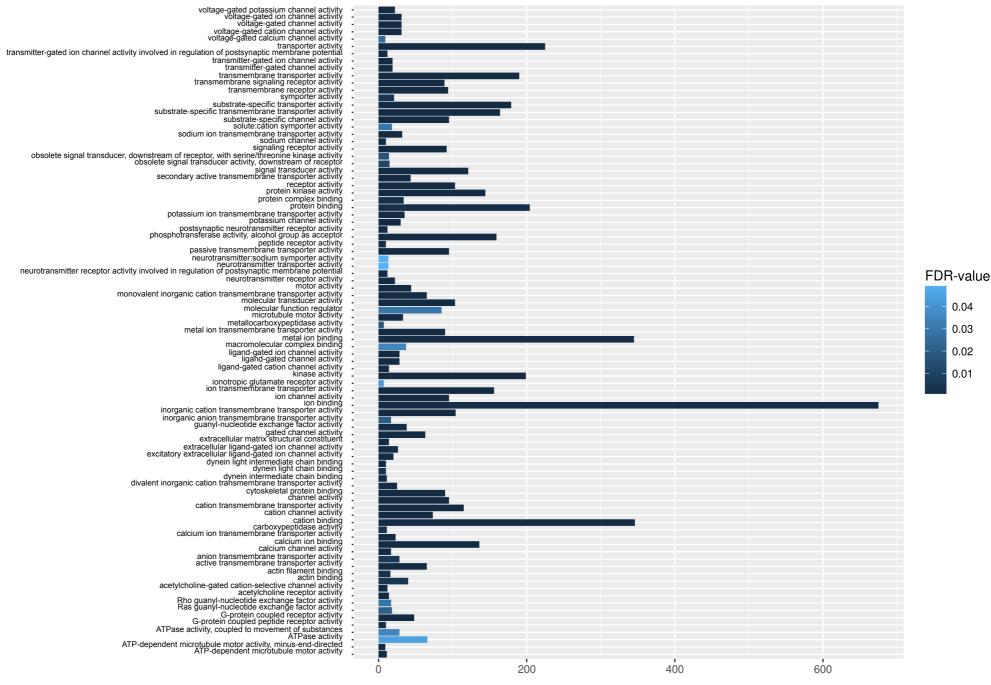
transmembrane receptor protein serine/threonine kinase signaling pathway trans-synaptic signaling synaptic signaling synapse organization small GTPase mediated signal transduction single-organism developmental process single-organism developmental process single-organism developmental process single-multicellular organism process single organism signaling signal transduction signal transduction signal ransduction response to stimulus regulation of small GTPase mediated signal transduction regulation of signal grant ansulution regulation of signal transduction regulation of signal transduction regulation of response to stimulus regulation of membrane potential regulation of intracellular signal transduction regulation of cell communication regulation of cell communication regulation of cell communication negative regulation of signal transduction multicellular organismal process multicellular orga FDR-value 0.04 microtubule bundle formation locomotion localization of cell intracellular signal transduction integrin-mediated signaling pathway homophilic cell adhesion via plasma membrane adhesion molecules fucose metabolic process enzyme linked receptor protein signaling pathway developmental process cytoskeleton-dependent intracellular transport cytoskeleton organization cilium organization cilium assembly 0.03 0.02 0.01 cilium assembly chemical synaptic transmission cell und assembly chemical synaptic transmission cellular response to stimulus cell-cell signaling by wnt cell-cell signaling by wnt cell-cell signaling by wnt cell-cell signaling cell-cell adhesion molecules cell-cell adhesion cell surface receptor signaling pathway involved in cell-cell signaling cell surface receptor signaling pathway cell projection organization cell projection assembly cell migration cell adhesion cell adhesion cell adhesion cell adhesion cell adhesion cell adhesion biological regulation biological adhesion axoneme assembly anterograde trans-synaptic signaling anatomical structure development Wnt signaling pathway Ras protein signal transduction 200 400 0 Count

Biological Process

Cellular Component



Molecular Function



0.04

0.03

0.02 0.01