GO Terms Cluster 1 Genes regulation of morphogenesis of a branching structure nephron tubule morphogenesis nephron epithelium morphogenesis intestinal stem cell homeostasis negative regulation of barbed-end actin filament capping positive regulation of mast cell chemotaxis mitotic cytokinetic process vascular endothelial growth factor signaling pathway male genitalia development **Cluster 2 Genes** tryptophan catabolic process to kynurenine 'de novo' NAD biosynthetic process from tryptophan kynurenine metabolic process cellular biogenic amine catabolic process aromatic amino acid family catabolic process tricellular tight junction assembly response to vitamin B6 protein transmembrane transport fasciculation of motor neuron axon umbilical cord morphogenesis

negative regulation of transcription from RNA polymerase II promoter involved in smooth muscle cell differentiation

arterial endothelial cell differentiation -

0

1

5

3

-log10 p-value

4