## Top 30 Pathways for GOBP (Sorted by FDR) GO:BP - vasculature development -GO:BP - blood vessel development GO:BP – circulatory system development GO:BP – response to oxygen levels GO:BP - blood vessel morphogenesis GO:BP – anatomical structure formation involved in morphogenesis GO:BP - response to hypoxia GO:BP - response to decreased oxygen levels GO:BP - cell motility GO:BP - tube development GO:BP - angiogenesis GO:BP – tube morphogenesis -log10(p\_value) GO:BP - cell adhesion 4.5 GO:BP – anatomical structure morphogenesis GO:BP - vascular wound healing 4.0 GO:BP – cell migration 3.5 GO:BP - system development 3.0 GO:BP - regulation of multicellular organismal process 2.5 GO:BP - cell-substrate adhesion GO:BP – positive regulation of cell motility GO:BP – cell–matrix adhesion GO:BP - plasminogen activation GO:BP – positive regulation of locomotion GO:BP – anatomical structure development GO:BP - zymogen activation GO:BP - inflammatory response GO:BP – angiogenesis involved in wound healing GO:BP – animal organ development GO:BP - multicellular organism development -GO:BP – positive regulation of chemotaxis

-log10(FDR)