Top 30 Pathways (Sorted by FDR) GO:BP – multicellular organismal process GO:CC - cell periphery -GO:BP - anatomical structure development -GO:BP – developmental process GO:BP - cellular developmental process GO:BP – positive regulation of immune system process GO:BP - cell differentiation GO:BP – inflammatory response GO:BP - animal organ development GO:BP - response to stimulus GO:CC - cell surface GO:CC – plasma membrane -log10(p_value) GO:BP - multicellular organism development -GO:BP – regulation of immune system process GO:BP – positive regulation of response to external stimulus GO:BP – system process GO:BP - circulatory system development -GO:BP - regulation of developmental process 3 GO:MF - tumor necrosis factor receptor activity GO:BP - regulation of multicellular organismal process WP - Heart development -GO:BP - tissue development -GO:BP - positive regulation of multicellular organismal process REAC – Extracellular matrix organization GO:CC - chromatin REAC – Degradation of the extracellular matrix GO:BP - defense response GO:BP – positive regulation of cell population proliferation GO:BP - regulation of response to external stimulus GO:BP - response to cAMP 2 6

-log10(FDR)