Top 30 Pathways (Sorted by FDR) GO:BP - multicellular organismal process GO:MF – protein binding GO:BP – developmental process GO:BP - positive regulation of biological process GO:BP - response to stimulus GO:BP - anatomical structure development GO:BP – cell differentiation GO:BP – cellular response to stimulus GO:BP - response to external stimulus GO:BP – cellular developmental process GO:BP – positive regulation of metabolic process GO:BP - positive regulation of cellular process -log10(p_value) GO:BP – biological regulation GO:BP – defense response 15 GO:BP – response to stress GO:BP - regulation of multicellular organismal process 13 GO:BP - regulation of biological process 11 GO:BP - regulation of immune system process GO:BP – positive regulation of biosynthetic process GO:BP - regulation of immune effector process GO:BP - positive regulation of macromolecule biosynthetic process GO:BP – signal transduction GO:BP – inflammatory response GO:CC - extracellular region GO:BP - positive regulation of macromolecule metabolic process GO:BP - cell communication GO:BP - regulation of nucleobase-containing compound metabolic process GO:BP – regulation of cellular process GO:BP - signaling GO:BP – positive regulation of immune system process 10 15 5

-log10(FDR)