## Top 30 Pathways (Sorted by FDR) GO:MF - transmembrane signaling receptor activity -GO:MF - G protein-coupled receptor activity -GO:MF - signaling receptor activity -GO:MF - molecular transducer activity -GO:BP – positive regulation of signal transduction -GO:BP – positive regulation of signaling -GO:BP - positive regulation of cell communication -GO:BP - G protein-coupled receptor signaling pathway -GO:BP – positive regulation of response to stimulus -GO:MF - neuropeptide receptor activity -GO:MF - G protein-coupled peptide receptor activity -GO:MF – peptide receptor activity --log10(p\_value) GO:BP - response to peptide -GO:BP – positive regulation of MAPK cascade -GO:BP - detection of stimulus -GO:BP - detection of chemical stimulus -GO:BP - regulation of MAPK cascade -GO:BP - detection of stimulus involved in sensory perception -3 GO:BP - system process -GO:BP – nervous system process GO:BP - cellular response to cytokine stimulus -GO:BP - signal transduction -GO:BP - signaling -GO:BP - MAPK cascade -GO:BP - response to cytokine -GO:BP - cell communication -GO:BP – regulation of signal transduction -GO:BP – detection of chemical stimulus involved in sensory perception -REAC - GPCR ligand binding -REAC - Class A/1 (Rhodopsin-like receptors) -2 6 -log10(FDR)