KEGG pathway over–representation analysis Pathways of neurodegeneration - multiple diseases -Alzheimer disease -Prion disease -Amyotrophic lateral sclerosis Parkinson disease Huntington disease -Spinocerebellar ataxia-Carbon metabolism Proteasome · p.adjust Spliceosome · Biosynthesis of cofactors 0.01 Protein processing in endoplasmic reticulum-0.02 Cell cycle -Lysosome -0.03 Oocyte meiosis 0.04 Ribosome biogenesis in eukaryotes Peroxisome: Count Progesterone-mediated oocyte maturation-DNA replication -20 Nucleotide excision repair-Biosynthesis of amino acids-60 Longevity regulating pathway - multiple species -Fatty acid degradation -Citrate cycle (TCA cycle) -Pentose phosphate pathway-Tryptophan metabolism -Mismatch repair-Pyruvate metabolism -Folate biosynthesis -2-Oxocarboxylic acid metabolism 0.050 0.025 0.075 0.100 GeneRatio