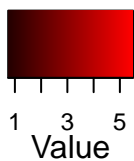
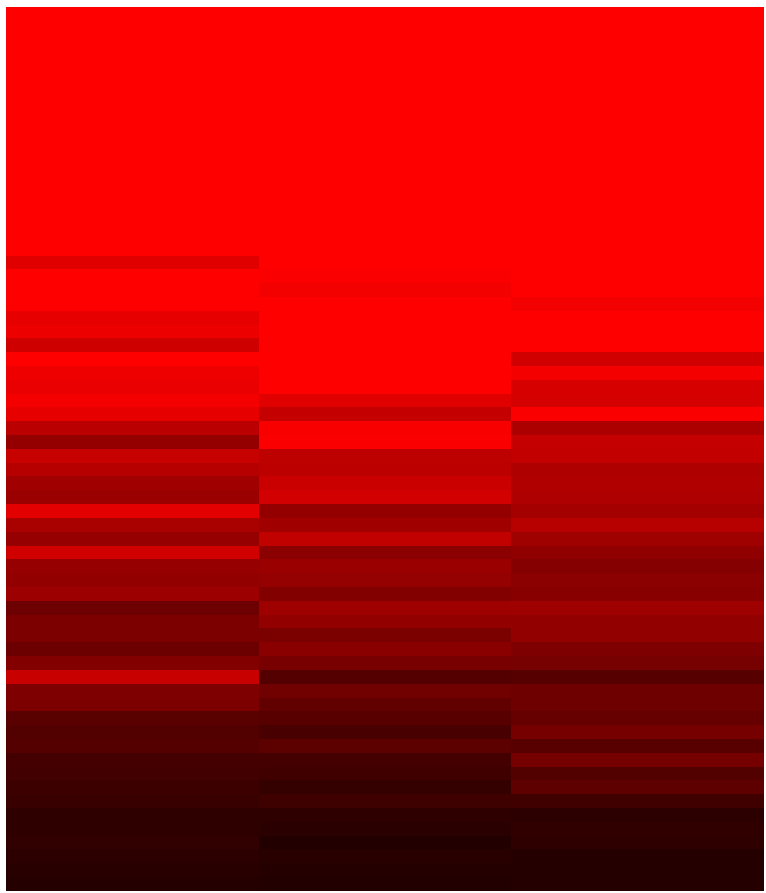


Color Key



AGE Two-way test: $-\log_{10}(\text{p-value})$



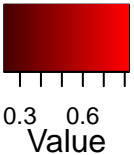
202_1

202_2

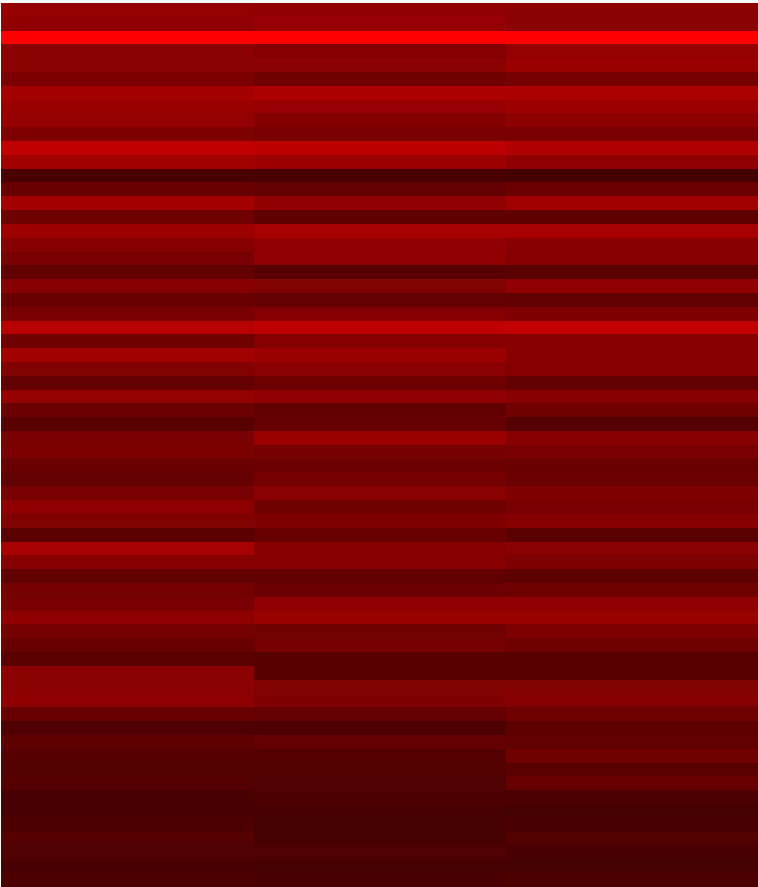
202_3

- Cysteine and methionine metabolism
- Glycine, serine and threonine metabolism
- Glycolysis / Gluconeogenesis
- Methane metabolism
- Carbon fixation by Calvin cycle
- Alanine, aspartate and glutamate metabolism
- Pyruvate metabolism
- Starch and sucrose metabolism
- Pentose phosphate pathway
- Photosynthesis
- Porphyrin metabolism
- Valine, leucine and isoleucine biosynthesis
- Sulfur metabolism
- Glutathione metabolism
- Amino sugar and nucleotide sugar metabolism
- Fatty acid degradation
- Propanoate metabolism
- Other carbon fixation pathways
- Nicotinate and nicotinamide metabolism
- Selenocompound metabolism
- Folate biosynthesis
- Biosynthesis of unsaturated fatty acids
- Ubiquinone and other terpenoid biosynthesis
- Galactose metabolism
- Riboflavin metabolism
- Biotin metabolism
- Carotenoid biosynthesis
- Glycosylphosphatidylinositol (GPI) biosynthesis
- beta-Alanine metabolism
- Metabolism of xenobiotics by cytochrome P450
- Sphingolipid metabolism
- Phenylalanine metabolism

Color Key



GAGE test statistics



- Cysteine and methionine metabolism
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202_1

202_2

202_3