- Metabolism of lipids
- The canonical retinoid cycle in rods (twilight vision) -
  - RA biosynthesis pathway
    - Metabolism of steroids
      - Wax biosynthesis -
    - Fatty acid metabolism -
    - Estrogen biosynthesis
  - Metabolism of amino acids and derivatives -
    - Signaling by Retinoic Acid
  - Synthesis of very long-chain fatty acyl-CoAs -
    - Metabolism of steroid hormones -
  - The retinoid cycle in cones (daylight vision) -
    - Fatty acyl-CoA biosynthesis
- Plasma lipoprotein assembly, remodeling, and clearance -
  - Amine-derived hormones
  - Metabolism of water-soluble vitamins and cofactors
    - Vitamin B5 (pantothenate) metabolism -
    - Metabolism of vitamins and cofactors -
      - Glycerophospholipid biosynthesis
        - Phospholipid metabolism -
        - Transport of small molecules
          - Sphingolipid metabolism
            - Synthesis of PA
          - Neutrophil degranulation
            - ECM proteoglycans
        - Extracellular matrix organization -
- Regulation of Insulin-like Growth Factor (IGF) transport and uptake by Insulin-like Growth Factor Binding Proteins (IGFBPs)
  - Post-translational protein phosphorylation
    - Digestion -
    - Digestion and absorption -
      - Endogenous sterols
  - Cytochrome P450 arranged by substrate type
    - SLC-mediated transmembrane transport
    - Phase I Functionalization of compounds
      - G alpha (i) signalling events
        - Intra-Golgi traffic
  - Transport of bile salts and organic acids, metal ions and amine compounds
    - Visual phototransduction
    - Retinoid metabolism and transport
      - **Biological oxidations**
      - Glycosphingolipid metabolism
    - MHC class II antigen presentation
      - Cellular hexose transport
      - Acyl chain remodelling of PS

GeneRa

0.1

FDR

0.04

0.03

0.02