



13. Amino acid: Valine, leucine and isoleucine metabolism
14. Carbohydrate
15. Carbohydrate: Fructose, mannose, galactose, starch, and sucrose metabolism
16. Carbohydrate: Glycolysis, gluconeogenesis, pyruvate metabolism
17. Carbohydrate: Nucleotide sugars, pentose metabolism
18. Cofactors and vitamins
19. Cofactors and vitamins: Ascorbate and aldarate metabolism
20. Cofactors and vitamins: Hemoglobin and porphyrin metabolism
21. Energy
22. Energy: Krebs cycle
23. Lipid
24. Lipid: Bile acid metabolism
25. Lipid: Carnitine metabolism
26. Lipid: Essential fatty acid metabolism
27. Lipid: Fatty acid metabolism
28. Lipid: Glycerolipid metabolism