



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