



1. Amino acid: Glycine, serine and threonine metabolism

2. Amino acid: Lysine metabolism

3. Amino acid: Phenylalanine & tyrosine metabolism

4. Amino acid: Tryptophan metabolism

9. Amino acid: Urea cycle; arginine-, proline-, metabolism

10. Amino acid: Valine, leucine and isoleucine metabolism

11. Carbohydrate

12. Carbohydrate: Glycolysis, gluconeogenesis, pyruvate metabolism

13. Cofactors and vitamins

14. Energy

15. Lipid

16. Lipid: Bile acid metabolism

17. Lipid: Carnitine metabolism

18. Lipid: Essential fatty acid

19. Lipid: Fatty acid

20. Lipid: Inositol metabolism

21. Lipid: Long chain

22. Lipid: Lysolipid

23. Lipid: Medium chain

24. Lipid: Monoacylglycerol