

Amino acid metabolism	Alanine, aspartate and glutamate metabolism (50)
	Arginine biosynthesis (28)
	Cysteine and methionine metabolism (76)
	Glycine, serine and threonine metabolism (68)
	Histidine metabolism (38)
	Lysine biosynthesis (28)
	Phenylalanine, tyrosine and tryptophan biosynthesis (39)
Carbohydrate metabolism	Valine, leucine and isoleucine biosynthesis (14)
	Streptomycin biosynthesis (18)
	Amino sugar and nucleotide sugar metabolism (119)
	Citrate cycle (TCA cycle) (26)
	Fructose and mannose metabolism (75)
	Galactose metabolism (48)
	Glycolysis / Gluconeogenesis (48)
Energy metabolism	Pentose and glucuronate interconversions (67)
	Pentose phosphate pathway (55)
	Propanoate metabolism (55)
	Pyruvate metabolism (67)
	Starch and sucrose metabolism (76)
	Carbon fixation in photosynthetic organisms (25)
	Carbon fixation pathways in prokaryotes (50)
Glycan biosynthesis and metabolism	Methane metabolism (87)
	Oxidative phosphorylation (11)
	Lipopolysaccharide biosynthesis (27)
	Peptidoglycan biosynthesis (19)
	Fatty acid biosynthesis (17)
	Biotin metabolism (20)
	One carbon pool by folate (24)
Metabolism of cofactors and vitamins	Pantothenate and CoA biosynthesis (31)
	Thiamine metabolism (26)
	Glutathione metabolism (39)
	Purine metabolism (110)
	Pyrimidine metabolism (65)
	Aminoacyl-tRNA biosynthesis (31)
	Drug metabolism - other enzymes (25)

- w/o antibiotics
+ w/ antibiotics

