

**cholesterol biosynthetic process, GO:0006695**

- sterol biosynthetic process, GO:0016126
- glucose metabolic process, GO:0006006
- regulation of cholesterol biosynthetic process, GO:0045540
- FAD binding, GO:0071949
- NADPH binding, GO:0070402
- drug transmembrane transport, GO:0006855
- hemoglobin complex, GO:0005833
- ATP hydrolysis coupled anion transmembrane transport, GO:0099133
- high-density lipoprotein particle, GO:0034364
- bicarbonate transmembrane transporter activity, GO:0015106
- cholesterol biosynthetic process via lathosterol, GO:0033490
- cholesterol biosynthetic process via desmosterol, GO:0033489
- ATPase-coupled anion transmembrane transporter activity, GO:0043225
- chloride channel complex, GO:0034707
- NADP binding, GO:0050661
- oxidoreductase activity, GO:0016614
- chylomicron, GO:0042627
- NADP metabolic process, GO:0006739