dodecenoate synth. 8-amino-7-oxononanoate synth. gondoate synth. mycolate synth. oleate synth. fatty acid synth. init. fatty acid elongation -- saturated streptorubin B synth. lipid synth. ADP-L-glycero-..-D-manno-heptose synth. lipid A synth. iso-branched-chain fatty acid synth. anteiso-branched-chain fatty acid synth. stearate synth. palmitate synth. palmitoleate synth. -dodec-5-enoate) cis-vaccenate synth. fatty acid synth. petroselinate synth. glycine synth. glycine cleavage L-tryptophan degr. L-phenylalanine degr. L-tyrosine degr. di-trans,poly-cis-undecaprenyl phosphate synth. L-glutamine synth. poly wall teichoic acid synth.