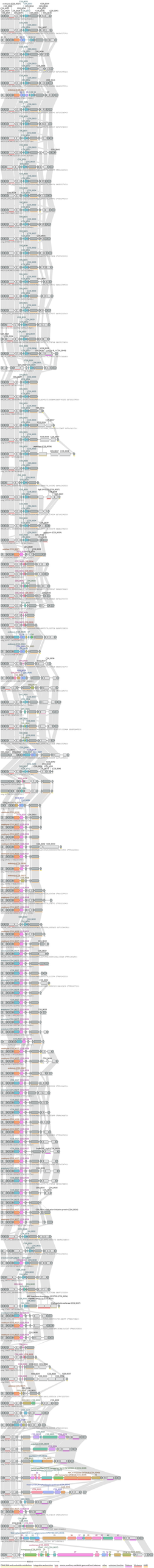
amino acid and nucleotide metabolism
integration and excretion
lipids
sterols, auxiliary metabolic genes and host takeover
other
unknown function
Defense
Mobilome
RNA
DNA
Replication and repair
Transcription
Translation
Energy
Carbohydrates
Cofactors
Amino acids
Nucleotides
Lipids
Secondary metabolites
Transport
Signal transduction
Cell wall
Cell motility
Chaperones
Protease
Kinase
Transferase
Hydrolase
Oxidoreductase
Isomerase
Ligase
Lyase
Transcriptional regulator
Sigma factor
Transposase
Integrase
Recombinase
Helicase
Ribosomal protein
Tail
Capsid
Portal
Terminase
Scaffold
Tail fiber
Tail spike
Baseplate
Holin
Endolysin
Lysin
Lysozyme
Peptidase
Glycosyltransferase
Glycosylhydrolase
Methyltransferase
Acetyltransferase
Phosphatase
Dehydrogenase
Reductase
Synthetase
Synthase
Aminotransferase
Deaminase
Decarboxylase
Carboxylase
Mutase
Epimerase
Dehydratase
Hydratase
Chaperone