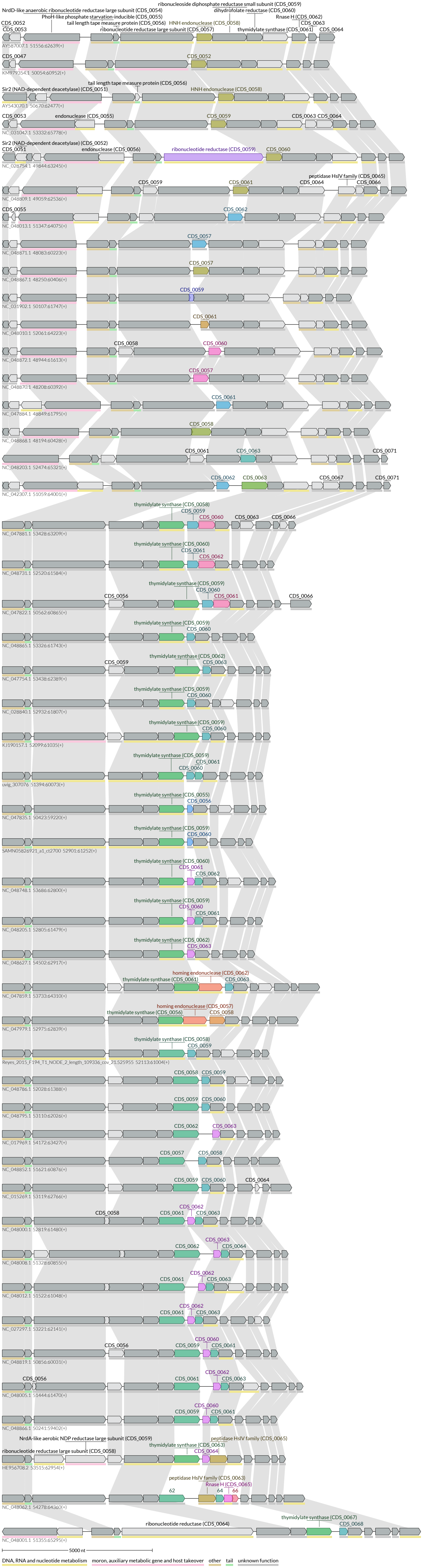
ribonucleoside diphosphate reductase small subunit (CDS_0059)
NrdD-like anaerobic ribonucleotide reductase large subunit (CDS_0054)
dihydrofolate reductase (CDS_0060)
PhoH-like phosphate starvation-inducible (CDS_0055)
Rnase H (CDS_0062)
CDS_0052
tail length tape measure protein (CDS_0056)
HNH endonuclease (CDS_0058)
CDS_0063
CDS_0053
ribonucleotide reductase large subunit (CDS_0057)
thymidylate synthase (CDS_0061)
CDS_0064
AY587007.1 51556:62639(+)
CDS_0047
CDS_0052
KM979354.1 50054:60952(+)
tail length tape measure protein (CDS_0056)
Sir2 (NAD-dependent deacetylase) (CDS_0051)
HNH endonuclease (CDS_0058)
AY543070.1 50670:62477(+)
CDS_0053
endonuclease (CDS_0055)
CDS_0059
CDS_0063 CDS_0064
NC_031042.1 53332:65778(+)
Sir2 (NAD-dependent deacetylase) (CDS_0052)
CDS_0051
endonuclease (CDS_0056)
ribonucleotide reductase (CDS_0059)
CDS_0060
NC_028754.1 49844:63245(+)
peptidase HslV family (CDS_0065)
CDS_0059
CDS_0061
CDS_0064
CDS_0066
NC_048809.1 49059:62536(+)
CDS_0055
CDS_0062
NC_048013.1 51347:64075(+)
CDS_0057
NC_048871.1 48083:60223(+)
CDS_0057
NC_048867.1 48250:60406(+)
CDS_0059
NC_031902.1 50107:61747(+)
CDS_0061
NC_048010.1 52061:64223(+)
CDS_0058
CDS_0060
NC_048872.1 48944:61613(+)
CDS_0057
NC_048870.1 48208:60392(+)
CDS_0061
NC_047884.1 48849:61795(+)
CDS_0058
NC_048868.1 48194:60428(+)
CDS_0061
CDS_0063
CDS_0071
NC_048203.1 52474:65321(+)
CDS_0062
CDS_0063
CDS_0067
CDS_0071
NC_042307.1 51059:64001(+)
thymidylate synthase (CDS_0058)
CDS_0059
CDS_0060
CDS_0063
CDS_0066
NC_047881.1 53428:63209(+)
thymidylate synthase (CDS_0060)
CDS_0061
CDS_0062
NC_048731.1 52520:61584(+)
thymidylate synthase (CDS_0059)
CDS_0060
CDS_0056
CDS_0061
CDS_0066
NC_047822.1 50562:60865(+)
thymidylate synthase (CDS_0059)
CDS_0060
NC_048865.1 53326:61743(+)
thymidylate synthase (CDS_0062)
CDS_0059
CDS_0063
NC_047754.1 53438:62389(+)
thymidylate synthase (CDS_0059)
CDS_0060
NC_028840.1 52932:61807(+)
thymidylate synthase (CDS_0059)
CDS_0060
KJ190157.1 52099:61035(+)
thymidylate synthase (CDS_0059)
CDS_0061
CDS_0060
uvig_307076 51394:60073(+)
thymidylate synthase (CDS_0055)
CDS_0056
NC_047835.1 50423:59220(+)
thymidylate synthase (CDS_0059)
CDS_0060
SAMN05826921_a1_ct2700 52901:61252(+)
thymidylate synthase (CDS_0060)
CDS_0061
CDS_0062
NC_048748.1 53686:62800(+)
thymidylate synthase (CDS_0059)
CDS_0060
CDS_0061
NC_048205.1 52805:61479(+)
thymidylate synthase (CDS_0062)
CDS_0063
NC_048627.1 54502:62917(+)
homing endonuclease (CDS_0062)
thymidylate synthase (CDS_0061)
CDS_0063
NC_047859.1 53733:64310(+)
homing endonuclease (CDS_0057)
thymidylate synthase (CDS_0056)
CDS_0058
NC_047979.1 52975:62839(+)
thymidylate synthase (CDS_0058)
CDS_0059
Reyes_2015_F194_T1_NODE_2_length_109336_cov_21.525955 52113:61004(+)
CDS_0058 CDS_0059
NC_048786.1 52028:61388(+)
CDS_0059 CDS_0060
NC_048795.1 53110:62026(+)
CDS_0062
CDS_0063
NC_017969.1 54172:63427(+)
CDS_0057
CDS_0058
NC_048852.1 51621:60876(+)
CDS_0059 CDS_0060
CDS_0064
NC_015269.1 53119:62766(+)
CDS_0062
CDS_0058
CDS_0061
CDS_0063
NC_048000.1 52819:61480(+)
CDS_0063
CDS_0062
CDS_0064
NC_048008.1 51328:60855(+)
CDS_0062
CDS_0061
CDS_0063
NC_048012.1 51522:61048(+)
CDS_0062
CDS_0061
CDS_0063
NC_027297.1 53221:62141(+)
CDS_0060
CDS_0056
CDS_0059
CDS_0061
NC_048819.1 50856:60031(+)
CDS_0062
CDS_0056
CDS_0061
CDS_0063
NC_048005.1 51444:61470(+)
CDS_0060
CDS_0059
CDS_0061
NC_048866.1 50241:59402(+)
NrdA-like aerobic NDP reductase large subunit (CDS_0059)
peptidase HslV family (CDS_0065)
thymidylate synthase (CDS_0063)
ribonucleotide reductase large subunit (CDS_0058)
CDS_0064
HE956708.2 53515:62954(+)
peptidase HslV family (CDS_0063)
Rnase H (CDS_0065)
62
64
66
NC_048062.1 54278:64360(+)
thymidylate synthase (CDS_0067)
ribonucleotide reductase (CDS_0064)
CDS_0068
NC_048001.1 51355:65295(+)
5000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function