antitoxin from a toxin-antitoxin system (CDS_0179)
NrdD-like anaerobic ribonucleotide reductase large subunit (CDS_0173)
ribonucleotide reductase (CDS_0177)
ribonucleotide reductase (CDS_0178)
PinA anti-TA (APIS014) (CDS_0175)
unknown function (CDS_0183)
anaerobic ribonucleotide reductase small subunit (CDS_0172)
unknown function (CDS_0182)
endonuclease VII (CDS_0174)
171
176
180
181
unknown function (CDS_0184)
NC_054931.1 111205:117378(+)
CDS_0049
CDS_0047
CDS_0048
homing endonuclease (CDS_0043)
CDS_0040
CDS_0039
unknown function (CDS_0036)
MGV-GENOME-0371733 14928:22611(-)
antitoxin from a toxin-antitoxin system (CDS_0198)
unknown function (CDS_0202)
CDS_0197
CDS_0196
CDS_0199
unknown function (CDS_0204)
unknown function (CDS_0206)
CDS_0191
CDS_0205
CDS_0207
NC_031030.1 116181:126598(+)
antitoxin from a toxin-antitoxin system (CDS_0183)
ribonucleotide reductase (CDS_0182)
unknown function (CDS_0187)
unknown function (CDS_0193)
CDS_0194
JN202312.1 115951:123886(+)
antitoxin from a toxin-antitoxin system (CDS_0183)
ribonucleotide reductase (CDS_0182)
CDS_0184
NC_042077.1 112291:122005(+)
antitoxin from a toxin-antitoxin system (CDS_0183)
ribonucleotide reductase (CDS_0182)
CDS_0181
CDS_0184
NC_054906.1 112936:122542(+)
antitoxin from a toxin-antitoxin system (CDS_0187)
HNH endonuclease (CDS_0182)
ribonucleotide reductase (CDS_0186)
CDS_0188
NC_054927.1 113924:124469(+)
antitoxin from a toxin-antitoxin system (CDS_0189)
ribonucleotide reductase (CDS_0188)
CDS_0186
CDS_0190
NC_054902.1 115269:124596(+)
antitoxin from a toxin-antitoxin system (CDS_0181)
ribonucleotide reductase (CDS_0180)
CDS_0182
NC_054905.1 113920:123178(+)
antitoxin from a toxin-antitoxin system (CDS_0185)
ribonucleotide reductase (CDS_0184)
CDS_0186
unknown function (CDS_0190)
uvig_280983 113819:123009(+)
antitoxin from a toxin-antitoxin system (CDS_0185)
CDS_0184
CDS_0186
NC_054935.2 114167:123771(+)
antitoxin from a toxin-antitoxin system (CDS_0185)
homing endonuclease (CDS_0180)
CDS_0184
CDS_0186
NC_041919.1 114970:124982(+)
antitoxin from a toxin-antitoxin system (CDS_0186)
CDS_0185
CDS_0187
NC_028927.1 114711:123601(+)
antitoxin from a toxin-antitoxin system (CDS_0177)
CDS_0176
CDS_0178
DQ904452.1 111272:120367(+)
antitoxin from a toxin-antitoxin system (CDS_0183)
CDS_0182
CDS_0184
HM035025.1 113406:122714(+)
antitoxin from a toxin-antitoxin system (CDS_0179)
ribonucleotide reductase (CDS_0178)
CDS_0180
NC_031103.1 111605:121239(+)
antitoxin from a toxin-antitoxin system (CDS_0181)
ribonucleotide reductase (CDS_0180)
CDS_0182
AP011113.1 113321:122530(+)
ribonucleotide reductase (CDS_0191)
CDS_0190
antitoxin from a toxin-antitoxin system (CDS_0192)
uvig_175339 114363:124136(+)
ribonucleotide reductase (CDS_0178)
CDS_0177
CDS_0179
NC_054942.1 111570:121204(+)
ribonucleotide reductase (CDS_0184)
CDS_0183
CDS_0185
NC_054910.1 111502:121184(+)
antitoxin from a toxin-antitoxin system (CDS_0179)
ribonucleotide reductase (CDS_0178)
endonuclease VII (CDS_0175)
CDS_0176
CDS_0180
NC_025448.1 112193:121710(+)
NrdD-like anaerobic ribonucleotide reductase large subunit (CDS_0185)
anaerobic ribonucleoside reductase large subunit (CDS_0183)
ribonucleotide reductase (CDS_0189)
CDS_0184
CDS_0188
CDS_0190
unknown function (CDS_0196)
KJ477685.1 112265:123045(+)
ribonucleotide reductase (CDS_0184)
CDS_0183
CDS_0185
KJ477686.1 111112:122300(+)
CDS_0180
CDS_0181
CDS_0186
NC_024124.2 114055:122993(+)
CDS_0178
CDS_0179
KP869104.1 114388:123345(+)
CDS_0181
CDS_0180
CDS_0182
NC_041920.1 115454:124225(+)
CDS_0176
uvig_419418 113128:121886(+)
CDS_0177
CDS_0178
NC_055749.1 113782:122874(+)
CDS_0174
CDS_0176
CDS_0175
NC_055718.1 113713:122991(+)
CDS_0178
CDS_0180
CDS_0179
NC_029091.1 113821:122894(+)
CDS_0172
CDS_0173
SAMN05826531_a1_ct4174 114078:123175(+)
CDS_0176
CDS_0178
CDS_0175
CDS_0177
NC_055781.1 112870:120935(+)
CDS_0174
NC_004928.1 112841:121807(+)
CDS_0181
CDS_0183
homing endonuclease (CDS_0179)
CDS_0182
NC_041990.1 114118:124211(+)
CDS_0178
CDS_0180
CDS_0179
NC_025437.1 114424:123711(+)
antitoxin from a toxin-antitoxin system (CDS_0178)
CDS_0179
Rampelli_10002_NODE_3_length_167480_cov_6.578354 113368:121572(+)
antitoxin from a toxin-antitoxin system (CDS_0178)
CDS_0179
MGV-GENOME-0377517 113368:122162(+)
CDS_0181
CDS_0183
CDS_0182
NC_054940.1 114942:125265(+)
CDS_0183
homing endonuclease (CDS_0176)
CDS_0182
CDS_0184
NC_054913.1 115769:125424(+)
4000 nt
DNA, RNA and nucleotide metabolism
moron, auxiliary metabolic gene and host takeover
unknown function
Anti-defence