anti-restriction nuclease (CDS_0094)
Arn anti-RM (APIS018) (CDS_0092)
MotA-like activator of middle period transcription (CDS_0100)
unknown function (CDS_0095)
CDS_0099
anti-sigma factor (CDS_0090)
CDS_0097
CDS_0102
Ndd-like nucleoid disruption protein (CDS_0105)
CDS_0091 CDS_0093
CDS_0096 CDS_0098
CDS_0101
DNA topoisomerase II (CDS_0103)
CDS_0104
CDS_0106
NC_019399.1: 64,096-70,040 (+)
CDS_0095
NC_000866.4: 64,207-69,645 (+)
CDS_0181 CDS_0180
NC_031047.1: 100,022-105,347 (-)
CDS_0093
MZ753803.1: 64,885-70,214 (+)
CDS_0095
OQ067375.1: 65,646-71,025 (+)
CDS_0092
NC_054912.1: 62,868-68,259 (+)
CDS_0089
CDS_0093
OP168898.1: 63,905-69,361 (+)
CDS_0091
LC348379.1: 65,130-70,459 (+)
CDS_0090
MT682710.1: 64,473-70,143 (+)
CDS_0086
NC_008515.1: 63,042-68,369 (+)
CDS_0087
CDS_0094
MW883059.1: 63,598-69,432 (+)
CDS_0095 CDS_0096
KJ477685.1: 63,586-69,405 (+)
Ndd-like nucleoid disruption protein (CDS_0100)
CDS_0093
CDS_0096
periplasmic protein (CDS_0102)
MT828552.1: 65,599-71,424 (+)
CDS_0098
PP925831.1: 65,756-71,580 (+)
CDS_0105
CDS_0100
CDS_0104
PP925844.1: 65,910-71,735 (+)
CDS_0092
NC_054918.1: 64,459-70,284 (+)
CDS_0091
MH355584.1: 63,776-69,598 (+)
CDS_0092
CDS_0098
MZ726795.1: 64,389-70,223 (+)
CDS_0112
PQ030847.1: 57,904-63,736 (-)
CDS_0092
OK274152.1: 63,822-69,647 (+)
CDS_0095
OP978391.1: 65,602-71,425 (+)
CDS_0096
NC_054925.1: 66,792-72,615 (+)
CDS_0095
OL631480.1: 65,889-71,721 (+)
CDS_0093
MT515754.1: 65,426-71,093 (+)
CDS_0090
OQ992558.1: 64,390-70,056 (+)
CDS_0092
MT515753.1: 64,535-70,204 (+)
CDS_0093
OP172787.1: 65,302-70,969 (+)
CDS_0096
MZ501096.1: 65,289-70,966 (+)
CDS_0024
PV029540.1: 19,022-24,694 (+)
CDS_0094
OL870316.1: 64,562-70,386 (+)
CDS_0062
PP500713.1: 47,994-53,826 (+)
CDS_0093
PV295200.1: 65,811-71,484 (+)
CDS_0092
OV877085.1: 64,514-70,201 (+)
CDS_0094
MK327945.1: 64,672-70,337 (+)
CDS_0095
MZ234038.1: 64,703-70,527 (+)
CDS_0096
OZ035849.1: 65,676-71,317 (+)
CDS_0098
CDS_0099
CDS_0105
MZ892903.1: 66,151-72,568 (+)
CDS_0094
CDS_0101
MT515756.1: 65,621-71,914 (+)
CDS_0094
CDS_0099 CDS_0100
MG781191.1: 65,247-71,589 (+)
CDS_0092
outer membrane protein (CDS_0097)
OR539217.1: 64,669-70,662 (+)
CDS_0094
OP172788.1: 65,790-72,140 (+)
anti-restriction nuclease (CDS_0090)
CDS_0095
CDS_0101
CDS_0102
PP987310.1: 67,682-74,567 (+)
anti-restriction nuclease
CDS_0101
MH550421.1: 68,691-74,086 (+)
CDS_0088
CDS_0090
PQ511150.1: 62,841-68,714 (+)
CDS_0089
OR544954.1: 60,063-65,917 (+)
CDS_0087
CDS_0092
PQ511149.1: 62,151-68,019 (+)
CDS_0086
OP114733.1: 62,351-68,221 (+)
CDS_0090
CDS_0095
PQ671645.1: 62,942-68,613 (+)
CDS_0097
PQ480333.1: 66,863-72,517 (+)
CDS_0088
OM960734.1: 62,177-68,353 (+)
CDS_0093
MK524178.1: 64,108-70,289 (+)
CDS_0082 CDS_0083
CDS_0089
MZ501047.1: 62,109-68,831 (+)
CDS_0085
CDS_0084
KP869111.1: 56,799-62,737 (-)
2000 nt
DNA, RNA and nucleotide metabolism
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
anti-defence (dbAPIS)