ATP-dependent DNA ligase (CDS_0049)
CDS_0041
CDS_0042
CDS_0043
CDS_0044
CDS_0045
CDS_0046
CDS_0047
CDS_0048
CDS_0050
CDS_0051
MGV-GENOME-0359501 62077:67937(+)
CDS_0033
uvig_264294 36710:42849(+)
CDS_0034
CDS_0037
MGV-GENOME-0319840 25016:31700(+)
CDS_0045
CDS_0048
CDS_0049
CDS_0054
MGV-GENOME-0360617 59350:67660(+)
CDS_0047
CDS_0048
MGV-GENOME-0361423 62529:70044(+)
CDS_0048
CDS_0049
MGV-GENOME-0364247 65594:73063(+)
CDS_0026
CDS_0029
CDS_0030
MGV-GENOME-0342972 46104:53672(+)
CDS_0018
CDS_0019
CDS_0017
uvig_593709 11943:19752(-)
CDS_0042
IMGVR_UViG_3300045988_033966|3300045988|Ga0495776_131916 60065:67755(+)
CDS_0035
CDS_0034
CDS_0036
uvig_594296 37378:45191(+)
CDS_0049
IMGVR_UViG_3300045988_043983|3300045988|Ga0495776_010365 60411:68724(+)
CDS_0044
CDS_0045
IMGVR_UViG_3300045988_060338|3300045988|Ga0495776_096228 59913:67339(+)
CDS_0049
CDS_0043
CDS_0048
CDS_0050
uvig_575884 64436:72238(+)
CDS_0045
CDS_0044
CDS_0046
uvig_581691 65878:73562(+)
CDS_0048
CDS_0047
CDS_0049
CDS_0050
MGV-GENOME-4433578 64930:73104(+)
CDS_0048
CDS_0047
CDS_0049
ATP-dependent DNA ligase (CDS_0052)
uvig_127334 64777:73560(+)
CDS_0020
CDS_0019
SAMN09781747_a1_ct105473_vs1 13223:20692(-)
CDS_0041
CDS_0042
uvig_582027 62158:69485(+)
HNH endonuclease (CDS_0043)
CDS_0045
CDS_0046
uvig_573020 67980:76529(+)
CDS_0045
uvig_474845 61754:67565(+)
CDS_0041
uvig_322255 59044:64940(+)
CDS_0048
IMGVR_UViG_3300029424_000006|3300029424|Ga0243789_1000138 66499:72628(+)
CDS_0046
CDS_0047
IMGVR_UViG_3300045988_065287|3300045988|Ga0495776_027410 65072:71503(+)
CDS_0041
IMGVR_UViG_3300045988_040748|3300045988|Ga0495776_132195 63280:69182(+)
CDS_0043
CDS_0044
IMGVR_UViG_3300045988_049914|3300045988|Ga0495776_027399 63844:70010(+)
CDS_0049
CDS_0050
OTU_181 65227:71543(+)
CDS_0038
CDS_0039
CDS_0037
CDS_0034
uvig_591131 17233:25709(-)
CDS_0039
CDS_0038
CDS_0040
SAMN09781776_a1_ct146086_vs2 45834:54168(+)
CDS_0043
CDS_0044
uvig_348469 64431:70791(+)
CDS_0018
CDS_0019
CDS_0017
uvig_587172 11973:19976(-)
CDS_0048
CDS_0047
CDS_0049
MGV-GENOME-0365125 64385:73574(+)
CDS_0043
CDS_0046
CDS_0047
CDS_0049
SAMN05827113_a1_ct3980 60707:70681(+)
CDS_0048
uvig_574098 60413:70118(+)
CDS_0048
uvig_574361 60099:69073(+)
CDS_0047
CDS_0048
uvig_435612_ 59329:68518(+)
CDS_0049
CDS_0050
MGV-GENOME-0360119 60071:69507(+)
CDS_0048
CDS_0049
MGV-GENOME-0361538 60489:69629(+)
CDS_0042
CDS_0043
CDS_0044
uvig_372388 64448:72207(+)
CDS_0031
CDS_0032
MGV-GENOME-0344923 41484:47489(+)
CDS_0027
CDS_0032
CDS_0033
MGV-GENOME-0345963 41115:48669(+)
CDS_0042
IMGVR_UViG_3300045988_022410|3300045988|Ga0495776_010296 61708:68963(+)
CDS_0041
CDS_0043
CDS_0044
uvig_71191 61942:69650(+)
CDS_0047
CDS_0046
CDS_0037
HNH endonuclease (CDS_0042)
CDS_0045
CDS_0048
uvig_458196_ 58312:67307(+)
CDS_0043
CDS_0042
CDS_0044
MGV-GENOME-0360562 60513:68919(+)
CDS_0044
CDS_0045
CDS_0048
CDS_0053
MGV-GENOME-0359930 58676:68907(+)
CDS_0050
IMGVR_UViG_3300045988_043967|3300045988|Ga0495776_057073 61917:71221(+)
CDS_0049
CDS_0051
IMGVR_UViG_3300045988_075358|3300045988|Ga0495776_003133 61274:71252(+)
CDS_0048
IMGVR_UViG_3300045988_065210|3300045988|Ga0495776_012413 66443:75491(+)
CDS_0045
uvig_253212 57970:67907(+)
CDS_0050
MGV-GENOME-0361579 62006:72032(+)
CDS_0051
CDS_0055
CDS_0056
SAMN09781743_a1_ct8543_vs1 62201:72165(+)
CDS_0056
uvig_592316 62524:72085(+)
CDS_0053
MGV-GENOME-0362333 61920:71567(+)
CDS_0047
CDS_0048
NC_055877.1 61658:70144(+)
53
54
55
56
57
MGV-GENOME-0363500 63182:72467(+)
CDS_0042
OTU_229 57221:65338(+)
CDS_0051
CDS_0052
IMGVR_UViG_3300045988_026315|3300045988|Ga0495776_003099 61757:70732(+)
CDS_0045
CDS_0044
CDS_0040
uvig_92744 18508:26964(-)
CDS_0032
MGV-GENOME-0336493 16103:24754(-)
CDS_0045
MGV-GENOME-0364722 64253:72173(+)
CDS_0036
CDS_0042
MGV-GENOME-0361268 60740:68777(+)
CDS_0046
CDS_0047
IMGVR_UViG_3300045988_039146|3300045988|Ga0495776_000761 63105:71630(+)
CDS_0033
MGV-GENOME-0352732 48450:56148(+)
CDS_0042
HNH endonuclease (CDS_0047)
Reyes_2015_F93_T1_NODE_1_length_99626_cov_37.804350 64361:71242(+)
CDS_0041
SAMN11252276_a1_ct9935 63721:72570(+)
CDS_0026
MGV-GENOME-0336417 36912:44117(+)
CDS_0020
MGV-GENOME-0344433 12922:19664(-)
CDS_0039
MGV-GENOME-0361780 63181:69804(+)
CDS_0041
IMGVR_UViG_3300045988_053636|3300045988|Ga0495776_000660 63315:71797(+)
CDS_0046
uvig_395899 65911:72161(+)
CDS_0045
uvig_562016 63283:72324(+)
4000 nt
DNA, RNA and nucleotide metabolism
unknown function