ribonucleoside-diphosphate reductase large subunit (CDS_0038)
single strand DNA binding protein (CDS_0039)
cas4_I_II_III_IV_V_VI_4 (CDS_0045)
DNA polymerase (CDS_0042)
methyltransferase (CDS_0048)
CDS_0034
CDS_0037
CDS_0041
DNA polymerase (CDS_0043)
CDS_0047
CDS_0035
CDS_0036
CDS_0040
CDS_0044
CDS_0046
CDS_0049
MGV-GENOME-0340069 36956:51571(+)
DNA polymerase (CDS_0043)
CDS_0042
CDS_0041
DNA polymerase (CDS_0044)
MGV-GENOME-0340535 37438:52068(+)
CDS_0035
DNA polymerase (CDS_0036)
CDS_0034
Druantia_II__DruM (CDS_0037)
MGV-GENOME-0333412 31719:46883(+)
ribonucleotide reductase (CDS_0039)
DNA polymerase (CDS_0044)
CDS_0038
DNA polymerase (CDS_0043)
SAMEA2737652_a1_ct25445 36957:50280(+)
HNH endonuclease (CDS_0043)
DNA polymerase (CDS_0042)
CDS_0041
DNA polymerase (CDS_0044)
uvig_470655 36911:51575(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0042)
CDS_0043
MGV-GENOME-0338468 37086:51136(+)
HNH endonuclease (CDS_0042)
DNA polymerase (CDS_0041)
39 40
DNA polymerase (CDS_0043)
48
49
50
MGV-GENOME-0338231 35564:52195(+)
CDS_0030
CDS_0031
CDS_0036
CDS_0037
CDS_0039
CDS_0041
SAMEA2737680_a1_ct2950 31557:46656(+)
RM_Type_III__Type_III_MTases__Type_III_MTases_FAM_0 (CDS_0031)
CDS_0036
ribonucleoside-diphosphate reductase large subunit (CDS_0038)
CDS_0030
CDS_0037
MGV-GENOME-0340343 31656:49359(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0038)
CDS_0036
CDS_0044
CDS_0037
CDS_0043
MGV-GENOME-0340206 31698:49578(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0039)
CDS_0037
anti-repressor (CDS_0032)
CDS_0038
HNH endonuclease (CDS_0042)
MGV-GENOME-0339122 32895:50120(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0040)
queuine tRNA-ribosyltransferase (CDS_0049)
CDS_0042
CDS_0047
CDS_0034
CDS_0037
CDS_0041
CDS_0046
CDS_0048
MGV-GENOME-0340268 30502:48878(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0032)
CDS_0034
amidase (CDS_0025)
CDS_0033
uvig_186202 25273:42786(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0040)
CDS_0042
CDS_0041
uvig_196468 30970:48613(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0033)
CDS_0035
CDS_0026
CDS_0034
IMGVR_UViG_3300045988_099882|3300045988|Ga0495776_020345 25272:44428(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0032)
CDS_0034
CDS_0033
MGV-GENOME-0334006 25291:43716(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0040)
CDS_0042
CDS_0041
MGV-GENOME-0340827 30961:49786(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0040)
CDS_0042
CDS_0041
MGV-GENOME-0339356 29874:49217(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0040)
CDS_0042
ribonucleoside-diphosphate reductase large subunit (CDS_0039)
CDS_0041
MGV-GENOME-0340264 30449:48008(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0036)
CDS_0038
CDS_0037
MGV-GENOME-0340834 31291:49096(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0035)
CDS_0037
CDS_0036
IMGVR_UViG_3300045988_126069|3300045988|Ga0495776_102189 28859:45927(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0025)
CDS_0019
CDS_0027
CDS_0017
CDS_0018
CDS_0026
MGV-GENOME-0313611 14088:34558(+)
CDS_0040
CDS_0041
CDS_0043
IMGVR_UViG_3300045988_109996|3300045988|Ga0495776_009519 32685:49254(+)
CDS_0035
MGV-GENOME-0330509 26711:43089(+)
CDS_0042
CDS_0044
IMGVR_UViG_3300045988_108498|3300045988|Ga0495776_009525 33193:49803(+)
ribonucleoside-diphosphate reductase large subunit (CDS_0040)
DNA polymerase (CDS_0046)
DNA polymerase (CDS_0045)
queuine tRNA-ribosyltransferase (CDS_0050)
44
47
48
49
55
uvig_62835 33157:51680(+)
queuine tRNA-ribosyltransferase (CDS_0041)
Dpd__QueD (CDS_0043)
Dpd__QueC (CDS_0042)
DNA polymerase (CDS_0039)
Dpd__QueE (CDS_0044)
31
35
36
37
40
Dpd__FolE (CDS_0045)
47
49
Holliday junction resolvase (CDS_0050)
SAMEA2737690_a1_ct19291_vs1 23719:39196(+)
queuine tRNA-ribosyltransferase (CDS_0039)
Dpd__QueD (CDS_0041)
Dpd__QueC (CDS_0040)
Dpd__QueE (CDS_0042)
DNA polymerase (CDS_0038)
Dpd__FolE (CDS_0043)
IMGVR_UViG_3300029219_000006|3300029219|Ga0168709_100171 20955:36431(+)
Dpd__QueD (CDS_0042)
Dpd__QueE (CDS_0043)
CDS_0035
CDS_0030
CDS_0036
CDS_0037
Dpd__QueC (CDS_0041)
Dpd__FolE (CDS_0044)
uvig_139795 23308:36876(+)
CDS_0035
CDS_0036
CDS_0037
IMGVR_UViG_3300045988_108102|3300045988|Ga0495776_102064 23308:36876(+)
DNA polymerase (CDS_0039)
36
40
41
42
43
44
MGV-GENOME-0334788 23619:39399(+)
DNA polymerase (CDS_0037)
38
39
40
41
IMGVR_UViG_3300030031_000045|3300030031|Ga0245030_100319 23697:39476(+)
8000 nt
DNA, RNA and nucleotide metabolism
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence