CDS_0045
CDS_0044
CDS_0046
CDS_0047
CDS_0048
CDS_0049
CDS_0050
CDS_0051
CDS_0052
radical SAM domain protein (CDS_0053)
lipoprotein (CDS_0056)
CDS_0055
CDS_0054
CDS_0058
CDS_0057 CDS_0059
uvig_256548 31885:40381(+)
cysH_IV-B_1 (CDS_0042) CDS_0043
CDS_0045
MGV-GENOME-0322832 27781:36304(+)
CDS_0023
CDS_0022
radical SAM domain protein (CDS_0024)
MGV-GENOME-0245355 12278:18730(+)
CDS_0024
CDS_0020
CDS_0023
CDS_0025
MGV-GENOME-0309607 17811:24264(+)
CDS_0036
CDS_0028
CDS_0035
CDS_0037
CDS_0042
uvig_389078 24541:31925(+)
CDS_0034
CDS_0033
CDS_0035
MGV-GENOME-0303801 21337:28721(+)
CDS_0049
CDS_0042
CDS_0048
CDS_0050
IMGVR_UViG_3300045988_068137|3300045988|Ga0495776_113040 31932:39120(+)
CDS_0080
CDS_0079
CDS_0076
CDS_0071
radical SAM domain protein (CDS_0069)
CDS_0072
CDS_0070
uvig_250700 44116:54313(-)
cysH_IV-B_1 (CDS_0044) CDS_0046
CDS_0045 CDS_0047
MGV-GENOME-0305792 27786:37076(+)
CDS_0040
cysH_IV-B_1 (CDS_0044) CDS_0046
CDS_0045 CDS_0047
uvig_67844 27786:37076(+)
DNA methyltransferase (CDS_0047)
phosphoheptose isomerase (CDS_0051)
DNA methyltransferase (CDS_0048)
39
40
42
46
49 50
radical SAM domain protein (CDS_0052)
uvig_92197 30777:40505(+)
phosphoheptose isomerase (CDS_0052)
DNA methyltransferase (CDS_0049)
DNA methyltransferase (CDS_0053)
DNA methyltransferase (CDS_0050)
CDS_0051
CDS_0055
uvig_206950 37743:44215(+)
DNA methyltransferase (CDS_0042)
MGV-GENOME-0316194 29439:35718(+)
DNA methyltransferase (CDS_0052)
DNA methyltransferase (CDS_0053)
CDS_0046
CDS_0045
CDS_0047
CDS_0054
CDS_0056
uvig_383649 33797:42281(+)
CDS_0007
DNA methyltransferase (CDS_0015)
CDS_0008
DNA methyltransferase (CDS_0012)
CDS_0016
MGV-GENOME-0208319 6409:13318(+)
DNA methyltransferase (CDS_0045)
DNA methyltransferase (CDS_0048)
MGV-GENOME-0340513 33293:40713(+)
DNA methyltransferase (CDS_0045)
IMGVR_UViG_3300045988_185807|3300045988|Ga0495776_156193|92-52204 29393:35866(+)
DNA methyltransferase (CDS_0029)
MGV-GENOME-0275359 14585:21819(+)
DNA methyltransferase (CDS_0052)
uvig_243918 36633:42918(+)
cysH_IV-B_1 (CDS_0043)
DNA methyltransferase (CDS_0046)
uvig_198190 32712:39208(+)
DNA methyltransferase (CDS_0049)
uvig_339640 36170:42220(+)
CDS_0042
IMGVR_UViG_3300045988_091604|3300045988|Ga0495776_078074 29297:35267(+)
CDS_0053
DNA methyltransferase (CDS_0058)
uvig_401230 41946:48078(+)
DNA methyltransferase (CDS_0044)
uvig_50350 29856:37074(+)
CDS_0042
DNA methyltransferase (CDS_0044)
IMGVR_UViG_3300045988_050339|3300045988|Ga0495776_077780 32915:38733(+)
DNA methyltransferase (CDS_0044)
uvig_181762 32275:37907(+)
DNA methyltransferase (CDS_0045)
IMGVR_UViG_3300045988_058844|3300045988|Ga0495776_147213 31510:37140(+)
DNA methyltransferase (CDS_0043)
CDS_0044
MGV-GENOME-0315362 30330:35961(+)
DNA methyltransferase (CDS_0029)
CDS_0030
MGV-GENOME-0311175 20580:26396(+)
phosphoheptose isomerase (CDS_0045)
CDS_0044
DNA methyltransferase (CDS_0046)
MGV-GENOME-0329548 32709:38341(+)
CDS_0033
MGV-GENOME-0303372 20812:26533(+)
DNA methyltransferase (CDS_0027)
CDS_0028
MGV-GENOME-0264414 15054:23472(+)
cysH_IV-B_1 (CDS_0044) CDS_0045
uvig_184199 29645:38117(+)
phosphoheptose isomerase (CDS_0048)
CDS_0047
DNA methyltransferase (CDS_0049)
uvig_249723 32438:40852(+)
CDS_0044CDS_0045
IMGVR_UViG_3300045988_082910|3300045988|Ga0495776_077381 29492:37183(+)
DNA methyltransferase (CDS_0027)
CDS_0031
MGV-GENOME-0278497 16381:22233(+)
cysH_IV-B_1 (CDS_0043)
CDS_0044
IMGVR_UViG_3300029611_000007|3300029611|Ga0245149_100412 30030:38655(+)
DNA methyltransferase (CDS_0043) CDS_0044
IMGVR_UViG_3300045988_058819|3300045988|Ga0495776_151682 30614:37190(+)
cysH_IV-B_1 (CDS_0050) CDS_0051
uvig_244294 36385:43358(+)
DNA methyltransferase (CDS_0044)
DNA methyltransferase (CDS_0043)
CDS_0045
MGV-GENOME-0320250 30152:36913(+)
CDS_0037 CDS_0038
MGV-GENOME-0308116 24927:32868(+)
DNA methyltransferase (CDS_0044)
CDS_0045
IMGVR_UViG_3300045988_056357|3300045988|Ga0495776_169320 30038:37266(+)
DNA methyltransferase (CDS_0030)
CDS_0031
MGV-GENOME-0276994 18252:24584(+)
CDS_0035 CDS_0036
uvig_164181 27464:35068(+)
DNA methyltransferase (CDS_0045)
CDS_0046
uvig_569864 29249:37607(+)
transposase (CDS_0032)
CDS_0031
DNA methyltransferase (CDS_0036)
CDS_0037
uvig_102335 25839:33270(+)
cysH_IV-B_1 (CDS_0044) CDS_0045
IMGVR_UViG_3300045988_081952|3300045988|Ga0495776_177044 28364:37057(+)
DNA methyltransferase (CDS_0042) CDS_0043
MGV-GENOME-0325463 28315:36797(+)
DNA methyltransferase (CDS_0043)
CDS_0041
CDS_0040
CDS_0044
MGV-GENOME-0328449 28069:36609(+)
DNA methyltransferase (CDS_0042)
DNA methyltransferase (CDS_0043)
CDS_0041
CDS_0044
MGV-GENOME-0335468 27784:36380(+)
cysH_IV-B_1 (CDS_0041) CDS_0042
MGV-GENOME-0342302 26516:34546(+)
CDS_0036 CDS_0037
MGV-GENOME-0306255 23006:30718(+)
DNA methyltransferase (CDS_0044)
CDS_0043
CDS_0045
MGV-GENOME-0339262 28241:36387(+)
4000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence