transcriptional repressor (CDS_0048)
CDS_0045
CDS_0047
CDS_0050
CDS_0054
CDS_0044
CDS_0046
CDS_0049
HNH endonuclease (CDS_0051)
CDS_0052
CDS_0053
CDS_0055
CDS_0056
CDS_0057
CDS_0058
MGV-GENOME-0280745 31341:39239(+)
CDS_0052
HNH endonuclease (CDS_0049)
CDS_0050
CDS_0053
CDS_0057
MGV-GENOME-0303285 30704:38801(+)
transcriptional repressor (CDS_0084)
HNH endonuclease (CDS_0086)
CDS_0087
uvig_288939 51523:59059(+)
CDS_0082
HNH endonuclease (CDS_0081)
CDS_0083
IMGVR_UViG_3300045988_109089|3300045988|Ga0495776_007958 47989:54248(+)
HNH endonuclease (CDS_0080)
CDS_0081
CDS_0082
uvig_94429 48184:54559(+)
HNH endonuclease (CDS_0079)
CDS_0081
CDS_0080
CDS_0082
MGV-GENOME-0345773 47195:53815(+)
HNH endonuclease (CDS_0069)
CDS_0070
CDS_0071
uvig_442443_ 41321:47567(+)
HNH endonuclease (CDS_0061)
CDS_0062
MGV-GENOME-0317587 36188:42171(+)
HNH endonuclease (CDS_0054)
CDS_0055
MGV-GENOME-4418971 31171:38421(+)
anti-repressor (CDS_0084)
CDS_0085
uvig_270227 47499:53702(+)
CDS_0084
uvig_132073 50690:56279(+)
HNH endonuclease (CDS_0052)
CDS_0054
CDS_0053
CDS_0055
MGV-GENOME-0320248 30737:39403(+)
HNH endonuclease (CDS_0042)
CDS_0043
MGV-GENOME-0261324 27695:35539(+)
HNH endonuclease (CDS_0081)
CDS_0082
uvig_475979 47989:55515(+)
HNH endonuclease (CDS_0053)
CDS_0046
transcriptional repressor (CDS_0051)
CDS_0054
MGV-GENOME-0297975 30097:36923(+)
transcriptional repressor (CDS_0041)
CDS_0044
uvig_284387 30528:37302(+)
CDS_0079
HNH endonuclease (CDS_0084)
CDS_0085
OTU_707 47113:55014(+)
HNH endonuclease (CDS_0078)
CDS_0079
CDS_0080
uvig_540460 45907:52748(+)
transcriptional repressor (CDS_0037)
CDS_0040
CDS_0042
MGV-GENOME-0279409 23829:31668(+)
HNH endonuclease (CDS_0085)
CDS_0086
uvig_180200 52196:59246(+)
CDS_0085
anti-repressor (CDS_0083)
CDS_0084
CDS_0086
CDS_0090
uvig_323068 48474:54935(+)
HNH endonuclease (CDS_0083)
CDS_0084
MGV-GENOME-0353177 48643:54917(+)
CDS_0054
RelE-like toxin (CDS_0058)
anti-repressor (CDS_0052)
CDS_0053
CDS_0055
CDS_0057
CDS_0059
uvig_243850 31979:39979(+)
CDS_0084
anti-repressor (CDS_0082)
CDS_0083
CDS_0085
uvig_228026 48450:56144(+)
HNH endonuclease (CDS_0080)
CDS_0081
OTU_795 46881:54112(+)
CDS_0071
anti-repressor (CDS_0070)
CDS_0072
CDS_0075
MGV-GENOME-0333400 43508:50658(+)
anti-repressor (CDS_0062)
CDS_0063
uvig_298310 38626:46325(+)
anti-repressor (CDS_0054)
CDS_0055
CDS_0056
MGV-GENOME-0288460 32492:40191(+)
CDS_0055
HNH endonuclease (CDS_0054)
CDS_0056
CDS_0057
MGV-GENOME-0323535 32427:40488(+)
HNH endonuclease (CDS_0083)
CDS_0084
CDS_0085
MGV-GENOME-0333667 48771:57008(+)
CDS_0085
CDS_0088transposase (CDS_0089)
IMGVR_UViG_3300030379_000092|3300030379|Ga0167483_1000345 46901:55636(+)
CDS_0080
uvig_147461 44102:51075(+)
CDS_0092
MGV-GENOME-0335928 51917:59110(+)
CDS_0003
MGV-GENOME-0304821 519:5427(-)
CDS_0085
uvig_188286 49986:57776(+)
CDS_0069
CDS_0070
CDS_0071
HNH endonuclease (CDS_0077)
CDS_0079
CDS_0078
uvig_441797_ 44480:51696(+)
3000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
transcription regulation
unknown function