endonuclease V N-glycosylase UV repair enzyme (CDS_0227)
vs.4 anti-CBASS (APIS002) (CDS_0220)
internal head protein (CDS_0226)
internal head protein (CDS_0228)
internal virion protein (CDS_0225)
unknown function (CDS_0223)
unknown function (CDS_0232)
unknown function (CDS_0224)
unknown function (CDS_0231)
CDS_0221
nudix hydrolase (CDS_0230)
CDS_0222
CDS_0229
unknown function (CDS_0233)
NC_054910.1 131811:137545(+)
internal head protein (CDS_0223)
internal head protein (CDS_0224)
internal virion protein (CDS_0222)
uvig_225001 134526:139951(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0220)
internal head protein (CDS_0219)
internal head protein (CDS_0221)
internal virion protein (CDS_0217)
218
226
NC_054904.1 132275:138448(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0229)
internal virion protein (CDS_0227)
CDS_0221
internal head protein (CDS_0228)
CDS_0224
internal head protein (CDS_0230)
MGV-GENOME-0377451 131695:137762(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0230)
internal head protein (CDS_0229)
internal head protein (CDS_0228)
internal virion protein (CDS_0227)
unknown function (CDS_0226)
internal head protein (CDS_0231)
NC_054924.1 135074:141101(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0222)
internal head protein (CDS_0221)
internal head protein (CDS_0220)
internal virion protein (CDS_0218)
219
internal head protein (CDS_0223)
NC_031103.1 131387:137436(+)
internal virion protein (CDS_0239)
internal virion protein (CDS_0238)
NC_031030.1 137364:142305(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0222)
internal head protein (CDS_0223)
internal virion protein (CDS_0221)
JN202312.1 132711:138011(+)
internal virion protein (CDS_0229)
internal virion protein (CDS_0230)
KF208315.1 135440:140764(+)
internal virion protein (CDS_0222)
internal virion protein (CDS_0223)
HM035025.1 132896:138187(+)
internal head protein (CDS_0227)
internal head protein (CDS_0228)
internal virion protein (CDS_0225)
internal virion protein (CDS_0226)
NC_054918.1 134003:140063(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0225)
internal virion protein (CDS_0223)
CDS_0224
NC_054901.1 134056:139402(+)
internal virion protein (CDS_0221)
CDS_0222
NC_054917.1 134298:139223(+)
internal virion protein (CDS_0229)
CDS_0230
NC_054930.1 135434:140481(+)
IpII anti-RM (APIS015) (CDS_0232)
CDS_0233
NC_054937.1 136904:141639(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0226)
IpII anti-RM (APIS015) (CDS_0227)
internal virion protein (CDS_0228)
CDS_0231 unknown function (CDS_0232)
HM137666.1 135058:141513(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0222)
IpII anti-RM (APIS015) (CDS_0223)
internal virion protein (CDS_0224)
KJ477686.1 132075:138252(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0226)
IpII anti-RM (APIS015) (CDS_0227)
CDS_0222
internal virion protein (CDS_0228)
AF158101.6 135032:141496(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0230)
CDS_0226
IpII anti-RM (APIS015) (CDS_0231)
uvig_175033 134733:140863(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0228)
IpII anti-RM (APIS015) (CDS_0229)
MGV-GENOME-0377588 134474:139441(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0232)
IpII anti-RM (APIS015) (CDS_0233)
MGV-GENOME-0377591 134496:139708(+)
internal virion protein (CDS_0231)
internal virion protein (CDS_0230)
NC_054919.1 135462:140077(+)
unknown function (CDS_0170)
endoribonuclease (CDS_0164)
CDS_0169
endonuclease V N-glycosylase UV repair enzyme (CDS_0172)
MGV-GENOME-0373836 98144:103080(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0227)
internal head protein (CDS_0228)
CDS_0234
CDS_0233
CDS_0235
NC_054945.1 134548:140078(+)
unknown function (CDS_0219)
CDS_0224
MGV-GENOME-0377343 130809:135888(+)
CDS_0223
internal virion protein (CDS_0226)
NC_012638.1 131772:137005(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0212)
internal head protein (CDS_0211)
internal head protein (CDS_0213)
209 210
216
uvig_419418 130219:135885(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0213)
CDS_0212
internal head protein (CDS_0214)
NC_041864.1 131674:136602(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0213)
CDS_0212
internal head protein (CDS_0214)
KP869104.1 131973:136602(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0217)
internal head protein (CDS_0216)
208
214 215
internal head protein (CDS_0218)
NC_029091.1 130709:136757(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0221)
IpII anti-RM (APIS015) (CDS_0218)
internal head protein (CDS_0220)
219
internal head protein (CDS_0222)
NC_041990.1 133133:138359(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0214)
IpII anti-RM (APIS015) (CDS_0212)
internal head protein (CDS_0213)
internal head protein (CDS_0215)
NC_025437.1 132109:136995(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0216)
internal head protein (CDS_0217)
IpII anti-RM (APIS015) (CDS_0215)
JX536493.1 132054:136825(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0219)
internal virion protein (CDS_0216)
218
217
internal head protein (CDS_0220)
NC_041920.1 132773:138195(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0209)
internal virion protein (CDS_0207)
CDS_0208
internal head protein (CDS_0210)
NC_024794.1 129805:134867(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0218)
IpII anti-RM (APIS015) (CDS_0215)
217
216
internal head protein (CDS_0219)
NC_024124.2 131808:137106(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0212)
internal head protein (CDS_0211)
internal virion protein (CDS_0210)
209
internal head protein (CDS_0213)
NC_055718.1 131375:136956(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0209)
internal head protein (CDS_0208)
207
206
internal head protein (CDS_0210)
NC_004928.1 129777:135089(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0212)
internal head protein (CDS_0211)
internal virion protein (CDS_0209)
210
internal head protein (CDS_0213)
NC_055781.1 129313:134880(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0213)
IpII anti-RM (APIS015) (CDS_0212)
CDS_0211
internal head protein (CDS_0214)
NC_055749.1 131305:136584(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0208)
internal head protein (CDS_0207)
internal virion protein (CDS_0206)
unknown function (CDS_0205)
unknown function (CDS_0204)
internal head protein (CDS_0209)
SAMN05826531_a1_ct4174 131441:136968(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0218)
internal head protein (CDS_0217)
internal head protein (CDS_0219)
NC_054940.1 133817:137643(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0215)
IpII anti-RM (APIS015) (CDS_0211)
internal head protein (CDS_0214)
internal virion protein (CDS_0212)
210
213
internal head protein (CDS_0216)
NC_055734.1 130656:136291(+)
endonuclease V N-glycosylase UV repair enzyme (CDS_0221)
internal head protein (CDS_0220)
internal virion protein (CDS_0222)
CDS_0223
NC_028847.1 131734:137627(+)
internal head protein (CDS_0241)
thioredoxin domain (CDS_0227)
lipoprotein (CDS_0231)
transposase (CDS_0234)
internal virion protein (CDS_0240)
225
226
228
229
230
232
233
235
236
237
internal head protein (CDS_0243)
uvig_292310 131174:149190(+)
7000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
unknown function
Anti-defence