HNH endonuclease (CDS_0031)
endolysin (CDS_0023)
holin (CDS_0022)
tail length tape measure protein (CDS_0015)
virion structural protein (CDS_0017)
16 18 19 20 21 24 25 26 27 28 29 30 32 33 34 35 36
MGV-GENOME-0244431 10323:26648(+)
minor tail protein (CDS_0021)
endolysin (CDS_0027)
holin (CDS_0026)
20 22 23 24 25 28 29 30
MGV-GENOME-0244985 10323:25926(+)
CDS_0024
CDS_0020
CDS_0026
MGV-GENOME-0214913 10323:21759(+)
metallo-protease (CDS_0025)
20 21 22 23 24 26 27 28
anti-repressor Ant (CDS_0029)
IMGVR_UViG_3300045988_130407|3300045988|Ga0495776_147678 10309:26793(+)
20 21 22 23 24
MGV-GENOME-0279127 10309:26793(+)
endolysin (CDS_0026)
holin (CDS_0025)
20 21 22 23 24 27 28 29 30 33 34 35 36
HNH endonuclease (CDS_0037)
MGV-GENOME-0305809 10305:31810(+)
endolysin (CDS_0025)
20 21 22 23 24 26 27
MGV-GENOME-0346538 10305:28634(+)
endolysin (CDS_0026)
20 21 22 23 24 25 27 28 29
IMGVR_UViG_3300045988_136173|3300045988|Ga0495776_150056 10323:28757(+)
endolysin (CDS_0026)
holin (CDS_0025)
HNH endonuclease (CDS_0032)
Septu__PtuA_2 (CDS_0031)
esterase (CDS_0037)
20 21 22 23 24 27 28 29 30 33 34 35 36 38 39 40 41 42
uvig_371410 10306:44462(+)
endolysin (CDS_0023)
holin (CDS_0022)
DNA binding protein (CDS_0033)
esterase (CDS_0029)
anti-repressor Ant (CDS_0044)
20 21 24 25 26 27 28 30 31 32 34 35 36 37
uvig_169586 10323:35146(+)
DNA binding protein (CDS_0026)
endolysin (CDS_0023)
20 21 22 24 25 27 28 29 30
IMGVR_UViG_3300045988_178556|3300045988|Ga0495776_169914 10323:28483(+)
Protein of unknown function (Retron_VII_2__DUF3800) (CDS_0032)
endolysin (CDS_0026)
holin (CDS_0025)
20 21 22 23 24 27 28 29 30 31 33 38
IMGVR_UViG_3300045988_168093|3300045988|Ga0495776_055907 10323:33019(+)
endolysin (CDS_0024)
holin (CDS_0023)
14 19 20 21 22 25 26 27 28
IMGVR_UViG_3300029594_000205|3300029594|Ga0245142_100129|62599-100535 10001:27614(+)
CDS_0019 CDS_0021
CDS_0020 CDS_0022
MGV-GENOME-0256031 10016:24436(+)
endolysin (CDS_0023)
20 21 22 24 25 26 27 32 33
IMGVR_UViG_2700989374_000001|2700989374|2701043329|80386-119670 10303:28474(+)
CDS_0020 CDS_0021
MGV-GENOME-0341023 10303:24027(+)
endolysin (CDS_0024)
holin (CDS_0023)
esterase (CDS_0035)
20 21 22 25 26 27 28 29 30 31 32 33 34 36 37 38 39 40
uvig_171038 10323:42868(+)
macrolide efflux MFS transporter Mef(En2) (NF000154.1) (CDS_0027)
endolysin (CDS_0023)
holin (CDS_0022)
transposase (CDS_0033)
esterase (CDS_0040)
anti-repressor Ant (CDS_0051)
20 21 24 25 26 28 29 30 31 32 34 35 36 37 38 39 41 42 43 44 45 48
uvig_452838 10323:46906(+)
endolysin (CDS_0023)
holin (CDS_0022)
transposase (CDS_0029)
esterase (CDS_0035)
20 21 24 25 26 27 28 30 31 32 33 34 36 37 38 39 40 43 44
uvig_569897 10332:42015(+)
endolysin (CDS_0025)
holin (CDS_0024)
esterase (CDS_0032)
minor tail protein (CDS_0020)
21 22 23 26 27 28 29 30 31 33 34 35 36 37 40
uvig_450394 10323:37542(+)
endolysin (CDS_0024)
20 21 22 23 25 26 27
IMGVR_UViG_2690315960_000001|2690315960|2690322926|9119-49179 10323:23463(+)
endolysin (CDS_0024)
holin (CDS_0023)
30 Protein of unknown function (Retron_VII_2__DUF3800) (CDS_0031)
20 21 22 25 26 27 28
IMGVR_UViG_3300029503_000221|3300029503|Ga0244781_100289|4033-42603 10325:29634(+)
Protein of unknown function (Retron_VII_2__DUF3800) (CDS_0027)
endolysin (CDS_0023)
holin (CDS_0022)
20 21 24 25 26 28
IMGVR_UViG_3300045988_173308|3300045988|Ga0495776_187585 10323:30670(+)
endolysin (CDS_0022)
holin (CDS_0021)
esterase (CDS_0027)
20 23 24 25 26 28 29 30 31 32 33
uvig_135624 10325:31393(+)
endolysin (CDS_0022)
holin (CDS_0021)
20 23 24 25 26
MGV-GENOME-0300606 10325:23392(+)
DNA binding protein (CDS_0029)
endolysin (CDS_0023)
holin (CDS_0022)
20 21 24 25 26 27 28
30MMB_gp29_gp30__gp29 (CDS_0031)
MGV-GENOME-0271902 10323:25455(+)
DNA binding protein (CDS_0029)
endolysin (CDS_0023)
20 21 22 24 25 26 27 28
30MMB_gp29_gp30__gp29 (CDS_0031)
IMGVR_UViG_3300045988_154069|3300045988|Ga0495776_007603 10323:25455(+)
DNA binding protein (CDS_0022)
19 20 21
23MMB_gp29_gp30__gp29 (CDS_0024)
IMGVR_UViG_3300045988_113288|3300045988|Ga0495776_087463 10016:21988(+)
DNA binding protein (CDS_0027)
endolysin (CDS_0023)
20 21 22 24 25 26 28 29
MMB_gp29_gp30__gp29 (CDS_0030)
IMGVR_UViG_649633015_000001|649633015|649633031|1070624-1111236 10323:25367(+)
DNA binding protein (CDS_0027)
endolysin (CDS_0023)
virion structural protein (CDS_0017)
20 21 22 24 25 26 28 29
MMB_gp29_gp30__gp29 (CDS_0030)
IMGVR_UViG_2657245069_000001|2657245069|2657263692|1127625-1168237 10016:25367(+)
endolysin (CDS_0023)
esterase (CDS_0027)
holin (CDS_0022)
DNA binding protein (CDS_0031)
20 21 24 25 26 28 29 30 32 33 34 35
uvig_379614 10323:29308(+)
endolysin (CDS_0023)
holin (CDS_0022)
20 21 24 25 26 27
28MMB_gp29_gp30__gp29 (CDS_0029)
uvig_2435 10323:28382(+)
DNA binding protein (CDS_0029)
endolysin (CDS_0023)
holin (CDS_0022)
25 MMB_gp29_gp30__gp29 (CDS_0031)
20 21 24 26 27 28 30 37
OTU_2274 10320:30501(+)
DNA binding protein (CDS_0027)
membrane protein (CDS_0026)
endolysin (CDS_0023)
20 21 22 24 25 28 29
MMB_gp29_gp30__gp29 (CDS_0030)
IMGVR_UViG_643886040_000001|643886040|643886203|86631-127019 10323:29520(+)
endolysin (CDS_0023)
holin (CDS_0022)
20 21 24 25 26 27 28 29
SAMN11031312_a1_ct355 10306:29798(+)
endolysin (CDS_0022)
holin (CDS_0021)
esterase (CDS_0031)
DNA binding protein (CDS_0037)
MMB_gp29_gp30__gp29 (CDS_0040)
20 23 24 25 26 27 28 29 30 32 33 34 35 36 38 39 41 43
uvig_233588 10323:39179(+)
endolysin (CDS_0022)
esterase (CDS_0029)
holin (CDS_0021)
MMB_gp29_gp30__gp29 (CDS_0038)
DNA binding protein (CDS_0035)
20 23 24 25 26 27 28 30 31 32 33 34 36 37 39
uvig_234831 10323:36303(+)
DNA binding protein (CDS_0029)
endolysin (CDS_0022)
holin (CDS_0021) MMB_gp29_gp30__gp29 (CDS_0032)
20 23 24 25 26 27 28 30 31 33
MGV-GENOME-0274100 10323:32012(+)
DNA binding protein (CDS_0029)
endolysin (CDS_0022)
holin (CDS_0021) MMB_gp29_gp30__gp29 (CDS_0032)
20 23 24 25 26 27 28 30 31 33
MGV-GENOME-0303979 10323:32246(+)
transcriptional regulator (CDS_0033)
DNA binding protein (CDS_0035)
endolysin (CDS_0022)
holin (CDS_0021)
esterase (CDS_0029)
integrase (CDS_0032)
20 23 24 25 26 27 28 30 31 34
36MMB_gp29_gp30__gp29 (CDS_0037)
uvig_437596 10325:36252(+)
DNA binding protein (CDS_0029)
endolysin (CDS_0022)
holin (CDS_0021)
20 23 24 25 26 27 28
30MMB_gp29_gp30__gp29 (CDS_0031)
MGV-GENOME-0295901 10325:30383(+)
endolysin (CDS_0022)
holin (CDS_0021)
19 20 23 24 25 26 27 28
uvig_316588 9996:23867(+)
DNA binding protein (CDS_0024)
20 21 22 23
25MMB_gp29_gp30__gp29 (CDS_0026)
IMGVR_UViG_3300045988_106816|3300045988|Ga0495776_179381 10305:27346(+)
endolysin (CDS_0024)
holin (CDS_0023)
20 21 22 25 26 27
28MMB_gp29_gp30__gp29 (CDS_0029)
uvig_162170 10323:29325(+)
endolysin (CDS_0023)
anti-repressor (CDS_0036)
20 21 22 24 25 26 27 28 29
IMGVR_UViG_3300045988_168338|3300045988|Ga0495776_008280 10323:29877(+)
21 22 23 24 25 26
MGV-GENOME-0274208 10324:29186(+)
endolysin (CDS_0022)
transcriptional regulator (CDS_0034)
esterase (CDS_0030)
integrase (CDS_0033)
20 21 23 24 25 26 27 28 29 31 32 35
uvig_499432 10303:36759(+)
minor tail protein (CDS_0021)
20 22 23 24
uvig_384975 10304:23159(+)
DNA binding protein (CDS_0022)
minor tail protein (CDS_0020) 21 23 24
MMB_gp29_gp30__gp29 (CDS_0025)
uvig_388477 10323:22732(+)
DNA binding protein (CDS_0027)
endolysin (CDS_0026)
holin (CDS_0025)
20 21 22 23 24
28MMB_gp29_gp30__gp29 (CDS_0029)
IMGVR_UViG_3300045988_170864|3300045988|Ga0495776_151608 10305:24805(+)
20 21 22 23 24
IMGVR_UViG_3300014748_000034|3300014748|Ga0169795_100142|14782-53397 10407:22109(+)
MMB_gp29_gp30__gp29 (CDS_0031)
DNA binding protein (CDS_0029)
endolysin (CDS_0023)
holin (CDS_0022)
19 20 21 24 25 26 27 28 30 36
uvig_384878 10016:28620(+)
endolysin (CDS_0023)
holin (CDS_0022)
19 20 21 24
MGV-GENOME-0299439 10016:25598(+)
DNA binding protein (CDS_0023)
membrane protein (CDS_0022)
19 20 21 24 25
MMB_gp29_gp30__gp29 (CDS_0026)
uvig_204461 10016:22466(+)
10000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
AMR