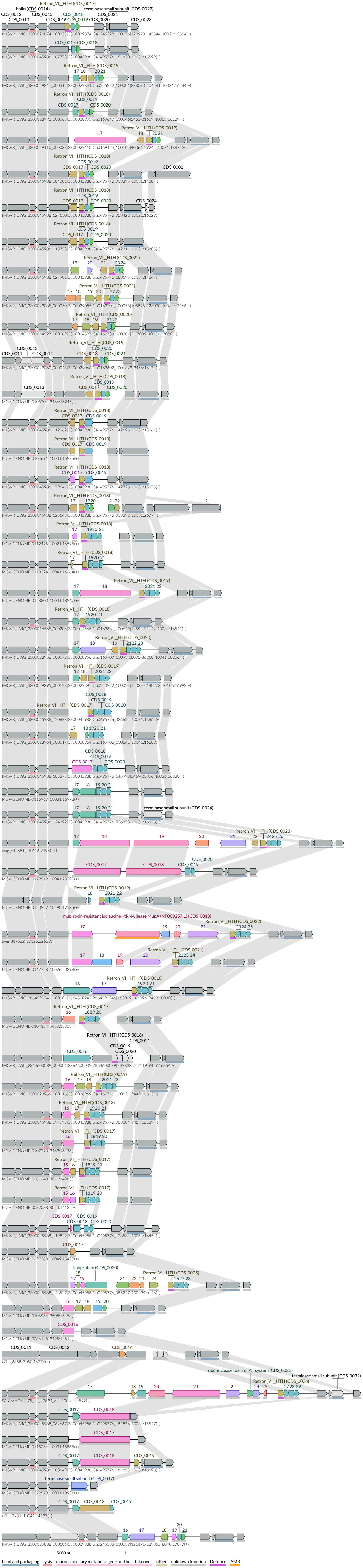
Retron_VI__HTH (CDS_0017)
holin (CDS_0014)
terminase small subunit (CDS_0022)
CDS_0012
CDS_0015
CDS_0018
CDS_0021
CDS_0013
CDS_0016
CDS_0019
CDS_0020
CDS_0023
IMGVR_UViG_3300029874_000335|3300029874|Ga0245322_100076|129973-145544 10021:15564(+)
CDS_0017
CDS_0018
IMGVR_UViG_3300045988_087773|3300045988|Ga0495776_151830 10031:15599(+)
Retron_VI__HTH (CDS_0019)
17
18
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21
IMGVR_UViG_3300029841_000312|3300029841|Ga0245272_100001|388030-404581 10031:16544(+)
Retron_VI__HTH (CDS_0018)
CDS_0019
CDS_0017
CDS_0020
IMGVR_UViG_3300028993_000063|3300028993|Ga0169647_100046|5463-21609 10035:16139(+)
Retron_VI__HTH (CDS_0019)
17
18
20
21
IMGVR_UViG_3300029110_000033|3300029110|Ga0169174_100105|40364-59245 10031:18874(+)
Retron_VI__HTH (CDS_0018)
CDS_0019
CDS_0017
CDS_0020
CDS_0001
IMGVR_UViG_3300045988_084201|3300045988|Ga0495776_003395 10031:1428(+)
Retron_VI__HTH (CDS_0018)
CDS_0019
CDS_0017
CDS_0020
CDS_0024
IMGVR_UViG_3300045988_127130|3300045988|Ga0495776_053422 10021:16229(+)
Retron_VI__HTH (CDS_0018)
CDS_0019
CDS_0017
CDS_0020
IMGVR_UViG_3300045988_118753|3300045988|Ga0495776_142311 10031:15805(+)
Retron_VI__HTH (CDS_0022)
19
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IMGVR_UViG_3300045988_127901|3300045988|Ga0495776_183195 10034:17347(+)
Retron_VI__HTH (CDS_0021)
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23
IMGVR_UViG_3300029085_000050|3300029085|Ga0169201_100058|105895-123070 10031:17168(+)
Retron_VI__HTH (CDS_0020)
17
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22
IMGVR_UViG_3300014527_000089|3300014527|Ga0169738_100281|2-17039 10031:17030(+)
Retron_VI__HTH (CDS_0019)
CDS_0020
CDS_0013
CDS_0011
CDS_0014
CDS_0018
CDS_0021
IMGVR_UViG_3300029060_000048|3300029060|Ga0169602_1001329 9466:16174(+)
Retron_VI__HTH (CDS_0018)
CDS_0019
CDS_0013
CDS_0017
CDS_0020
MGV-GENOME-0108201 9466:16245(+)
Retron_VI__HTH (CDS_0018)
CDS_0017
CDS_0019
IMGVR_UViG_3300045988_112962|3300045988|Ga0495776_142696 10031:15961(+)
Retron_VI__HTH (CDS_0018)
CDS_0017
CDS_0019
MGV-GENOME-0104691 10031:15975(+)
Retron_VI__HTH (CDS_0018)
CDS_0017
CDS_0019
IMGVR_UViG_3300045988_079641|3300045988|Ga0495776_142728 10031:15975(+)
Retron_VI__HTH (CDS_0018)
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IMGVR_UViG_3300045988_125143|3300045988|Ga0495776_003392 10031:2677(+)
Retron_VI__HTH (CDS_0018)
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MGV-GENOME-0112495 10021:16595(+)
Retron_VI__HTH (CDS_0018)
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21
MGV-GENOME-0113324 10041:16664(+)
Retron_VI__HTH (CDS_0019)
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22
MGV-GENOME-0158800 10031:18947(+)
Retron_VI__HTH (CDS_0018)
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21
IMGVR_UViG_3300014565_000206|3300014565|Ga0169881_100649|14594-31142 10031:16541(+)
Retron_VI__HTH (CDS_0020)
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IMGVR_UViG_3300028956_000072|3300028956|Ga0169707_10093|18005-36218 10041:18206(+)
Retron_VI__HTH (CDS_0019)
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IMGVR_UViG_3300029395_000123|3300029395|Ga0243972_100025|123274-140273 10106:16992(+)
CDS_0018
CDS_0019
Retron_VI__HTH (CDS_0017)
CDS_0020
IMGVR_UViG_3300045988_120698|3300045988|Ga0495776_036624 10031:16864(+)
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21
IMGVR_UViG_3300028964_000017|3300028964|Ga0169706_100641 10041:16689(+)
CDS_0018
CDS_0019
CDS_0017
CDS_0020
IMGVR_UViG_3300045988_188375|3300045988|Ga0495776_145998|3469-20306 10026:16830(+)
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21
MGV-GENOME-0116969 10031:16978(+)
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21
terminase small subunit (CDS_0024)
IMGVR_UViG_3300045988_124292|3300045988|Ga0495776_036853 10031:16978(+)
Retron_VI__HTH (CDS_0023)
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uvig_442681_ 10106:23960(+)
CDS_0020
CDS_0017
CDS_0018
CDS_0019
MGV-GENOME-0172512 10041:20399(+)
Retron_VI__HTH (CDS_0019)
18
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MGV-GENOME-0123927 10290:17585(+)
mupirocin-resistant isoleucine--tRNA ligase MupA (NF000257.1) (CDS_0018)
Retron_VI__HTH (CDS_0022)
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uvig_317522 10026:22639(+)
Retron_VI__HTH (CDS_0021)
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MGV-GENOME-0162728 10026:20298(+)
Retron_VI__HTH (CDS_0018)
16
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21
IMGVR_UViG_2864590242_000001|2864590242|2864590246|163009-181096 9459:18080(+)
Retron_VI__HTH (CDS_0017)
16
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MGV-GENOME-0104154 9459:15933(+)
Retron_VI__HTH (CDS_0018)
CDS_0021
CDS_0019
CDS_0016
CDS_0020
IMGVR_UViG_2864600039_000001|2864600039|2864600039|739833-757119 9459:16854(+)
Retron_VI__HTH (CDS_0019)
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IMGVR_UViG_3300028969_000016|3300028969|Ga0169711_100621 9449:16613(+)
Retron_VI__HTH (CDS_0018)
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21
IMGVR_UViG_3300045988_097098|3300045988|Ga0495776_053204 9459:16139(+)
Retron_VI__HTH (CDS_0017)
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MGV-GENOME-0107290 9469:16176(+)
Retron_VI__HTH (CDS_0017)
15
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MGV-GENOME-0081643 8011:14083(+)
Retron_VI__HTH (CDS_0017)
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MGV-GENOME-0082088 8053:14125(+)
CDS_0017
CDS_0019
CDS_0018
CDS_0020
IMGVR_UViG_3300045988_119829|3300045988|Ga0495776_123534 10061:16454(+)
CDS_0017
MGV-GENOME-0097383 10049:15433(+)
lipoprotein (CDS_0020)
Retron_VI__HTH (CDS_0025)
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IMGVR_UViG_3300045988_143527|3300045988|Ga0495776_085247 10049:20146(+)
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MGV-GENOME-0106964 9508:16153(+)
CDS_0016
MGV-GENOME-0086128 9495:14512(+)
CDS_0011
CDS_0012
CDS_0016
OTU_6858 7050:16274(+)
ribonuclease toxin of AT system (CDS_0023)
terminase small subunit (CDS_0032)
Retron_VI__HTH (CDS_0026)
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29
SAMN04261275_a1_ct7894_vs1 10031:24592(+)
CDS_0017
CDS_0018
IMGVR_UViG_3300045988_082667|3300045988|Ga0495776_181876 10031:15547(+)
CDS_0017
MGV-GENOME-0115064 10031:15865(+)
CDS_0017
CDS_0018
CDS_0019
IMGVR_UViG_3300045988_083649|3300045988|Ga0495776_181855 10038:16998(+)
terminase small subunit (CDS_0017)
MGV-GENOME-0079573 10031:13936(+)
CDS_0017
CDS_0018
CDS_0019
OTU_7251 10041:14597(+)
16
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20
21
IMGVR_UViG_3300029888_000106|3300029888|Ga0245333_100039|121471-139355 8040:17877(+)
5000 nt
head and packaging
lysis
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence
AMR