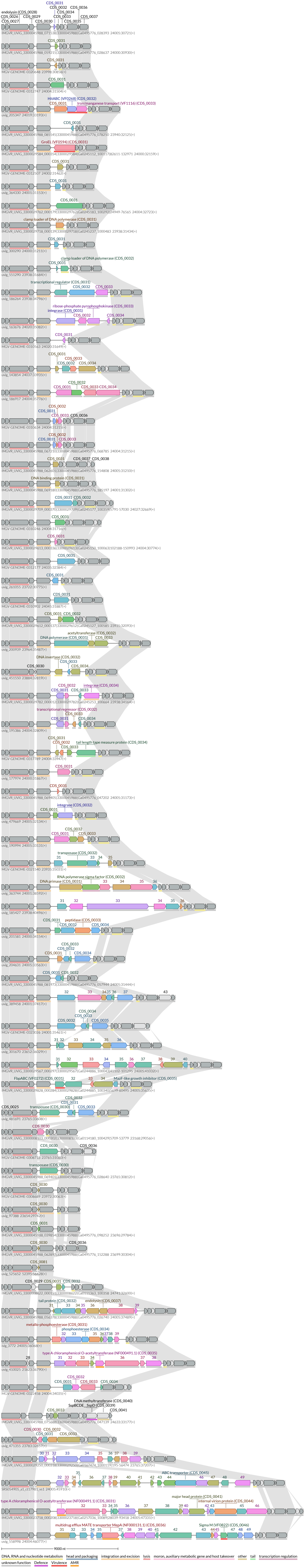
CDS_0031
CDS_0032
CDS_0036
endolysin (CDS_0028)
CDS_0034
CDS_0026
CDS_0029
CDS_0033
CDS_0037
CDS_0027
CDS_0030
CDS_0035
IMGVR_UViG_3300045988_071538|3300045988|Ga0495776_028393 24005:30721(+)
CDS_0031
IMGVR_UViG_3300045988_059215|3300045988|Ga0495776_028637 24000:30930(+)
CDS_0031
MGV-GENOME-0320648 23998:30856(+)
CDS_0031
MGV-GENOME-0312747 24004:31504(+)
HitABC (VF0268) (CDS_0032)
CDS_0031
Iron/manganese transport (VF1116) (CDS_0033)
uvig_205347 24019:33193(+)
CDS_0031
IMGVR_UViG_3300045988_085545|3300045988|Ga0495776_078250 23940:32125(+)
GroEL (VF0594) (CDS_0031)
IMGVR_UViG_3300029584_000354|3300029584|Ga0245112_100117|82611-132971 24000:32159(+)
CDS_0031
MGV-GENOME-0312507 24002:31462(+)
CDS_0031
uvig_364330 24001:31153(+)
CDS_0031
IMGVR_UViG_3300029762_000179|3300029762|Ga0245183_100292|24949-76565 24004:32723(+)
clamp loader of DNA polymerase (CDS_0031)
IMGVR_UViG_3300029718_000139|3300029718|Ga0245237_1000483 23938:31434(+)
CDS_0031
uvig_300290 24000:31211(+)
clamp loader of DNA polymerase (CDS_0032)
CDS_0031
uvig_551290 23938:31684(+)
transcriptional regulator (CDS_0031)
CDS_0032
CDS_0033
uvig_186264 23938:34796(+)
ribose-phosphate pyrophosphokinase (CDS_0033)
integrase (CDS_0031)
CDS_0032
CDS_0034
uvig_163676 24020:35082(+)
CDS_0031
MGV-GENOME-0310563 24020:31649(+)
CDS_0031
CDS_0033
CDS_0032
CDS_0034
uvig_143854 24037:33935(+)
CDS_0032
CDS_0031
CDS_0033 CDS_0034
uvig_186917 24004:35776(+)
CDS_0032
CDS_0031
CDS_0033 CDS_0036
MGV-GENOME-0310634 24004:31215(+)
CDS_0032
CDS_0031 CDS_0033
IMGVR_UViG_3300045988_067210|3300045988|Ga0495776_068785 24004:31215(+)
CDS_0031
CDS_0037 CDS_0038
IMGVR_UViG_3300045988_062601|3300045988|Ga0495776_154808 24005:31210(+)
DNA binding protein (CDS_0031)
IMGVR_UViG_3300045988_069180|3300045988|Ga0495776_185197 24001:31302(+)
CDS_0031 CDS_0032
IMGVR_UViG_3300029709_000370|3300029709|Ga0245177_100359|5791-57030 24027:32669(+)
CDS_0031
MGV-GENOME-0310246 24004:31716(+)
CDS_0031
IMGVR_UViG_3300029613_000336|3300029613|Ga0245150_100063|102188-150993 24004:30774(+)
CDS_0031
MGV-GENOME-0312177 24035:32384(+)
CDS_0031
uvig_261055 23722:30775(+)
CDS_0031
MGV-GENOME-0310902 24045:31887(+)
CDS_0031 CDS_0032
IMGVR_UViG_3300029612_000137|3300029612|Ga0245127_100585 23935:32093(+)
acetyltransferase (CDS_0032)
DNA polymerase (CDS_0031)
CDS_0033
uvig_200939 23964:35487(+)
DNA invertase (CDS_0032)
CDS_0033
CDS_0030
CDS_0034
uvig_451550 23884:32819(+)
CDS_0032
integrase (CDS_0034)
CDS_0031
CDS_0033
IMGVR_UViG_3300029782_000012|3300029782|Ga0245253_100664 23938:34164(+)
transcriptional repressor (CDS_0032)
CDS_0033
CDS_0031
CDS_0034
uvig_195386 24004:32809(+)
CDS_0031
CDS_0032
tail length tape measure protein (CDS_0034)
CDS_0033
MGV-GENOME-0317789 24004:33947(+)
CDS_0031
uvig_177974 24000:31867(+)
CDS_0031
IMGVR_UViG_3300045988_069405|3300045988|Ga0495776_047202 24005:31173(+)
integrase (CDS_0032)
CDS_0031
uvig_479669 24005:32134(+)
CDS_0032
CDS_0031
CDS_0033
uvig_190994 24005:33131(+)
transposase (CDS_0032)
31
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MGV-GENOME-0321540 23935:35031(+)
RNA polymerase sigma factor (CDS_0032)
DNA primase (CDS_0031)
33
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uvig_363744 24001:38592(+)
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36
uvig_185427 23938:40496(+)
CDS_0031
peptidase (CDS_0033)
CDS_0032
CDS_0034
uvig_201581 24000:34154(+)
CDS_0033
CDS_0032
CDS_0031
CDS_0034
uvig_204631 24005:33563(+)
CDS_0031 CDS_0032
IMGVR_UViG_3300045988_081973|3300045988|Ga0495776_057944 24005:31444(+)
32
33
3435
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43
uvig_389458 24001:37417(+)
CDS_0034
CDS_0033
CDS_0032
CDS_0035
MGV-GENOME-0323026 24001:35461(+)
31
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uvig_301670 23652:36029(+)
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IMGVR_UViG_3300029567_000297|3300029567|Ga0244886_100043|41102-101295 24005:41032(+)
FbpABC (VF0272) (CDS_0031)
32
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MazF-like growth inhibitor (CDS_0035)
IMGVR_UViG_3300029828_000284|3300029828|Ga0244885_100340|5699-60495 24005:35635(+)
CDS_0032
CDS_0031
CDS_0025
transposase (CDS_0030)
CDS_0033
uvig_481691 23765:33608(+)
CDS_0030
IMGVR_UViG_3300008103_000302|3300008103|Ga0114180_100429|5709-53779 23168:29056(+)
CDS_0030
CDS_0036
MGV-GENOME-0308718 23765:31080(+)
transposase (CDS_0030)
IMGVR_UViG_3300045988_069401|3300045988|Ga0495776_028640 23765:30812(+)
CDS_0030
MGV-GENOME-0308689 23972:30063(+)
CDS_0030
uvig_97388 23654:29742(+)
CDS_0031
IMGVR_UViG_3300045988_039854|3300045988|Ga0495776_098252 23696:29784(+)
CDS_0030
CDS_0036
IMGVR_UViG_3300045988_062897|3300045988|Ga0495776_152288 23699:30304(+)
CDS_0081
uvig_525652 52395:56428(+)
CDS_0029 CDS_0031 CDS_0032
IMGVR_UViG_3300008622_000151|3300008622|Ga0111363_100358 24741:32600(+)
tail protein (CDS_0032)
endolysin (CDS_0037)
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34 35
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IMGVR_UViG_3300045988_056378|3300045988|Ga0495776_026740 24005:37489(+)
metallo-phosphoesterase (CDS_0031)
phosphoesterase (CDS_0034)
32
33
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363738
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ivig_3772 24005:36068(+)
type A chloramphenicol O-acetyltransferase (NF000491.1) (CDS_0035)
28
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uvig_410025 21823:36790(+)
CDS_0032
CDS_0031
CDS_0033
CDS_0034
MGV-GENOME-0322458 24004:34035(+)
DNA methyltransferase (CDS_0040)
SspBCDE_SspD (CDS_0039)
CDS_0033
CDS_0041
IMGVR_UViG_3300045988_075688|3300045988|Ga0495776_047139 24633:33177(+)
CDS_0030 CDS_0032
CDS_0031
CDS_0033
uvig_471355 23783:32657(+)
30 31
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36 37
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IMGVR_UViG_3300029250_000318|3300029250|Ga0167474_1000119|195-56474 23765:37207(+)
35
ABC transporter (CDS_0045)
32
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SRS054905_a1_ct17981_vs1 24005:45910(+)
major head protein (CDS_0041)
type A chloramphenicol O-acetyltransferase (NF000491.1) (CDS_0031)
internal virion protein (CDS_0044)
32
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34 35
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39 40
42 43
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IMGVR_UViG_3300023718_000208|3300023718|Ga0257036_10089|28039-93418 24005:47331(+)
multidrug efflux MATE transporter MepA (NF000131.1) (CDS_0036)
Sigma M (VF0822) (CDS_0046)
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4445
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uvig_558998 24004:46077(+)
9000 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
Virulence
AMR