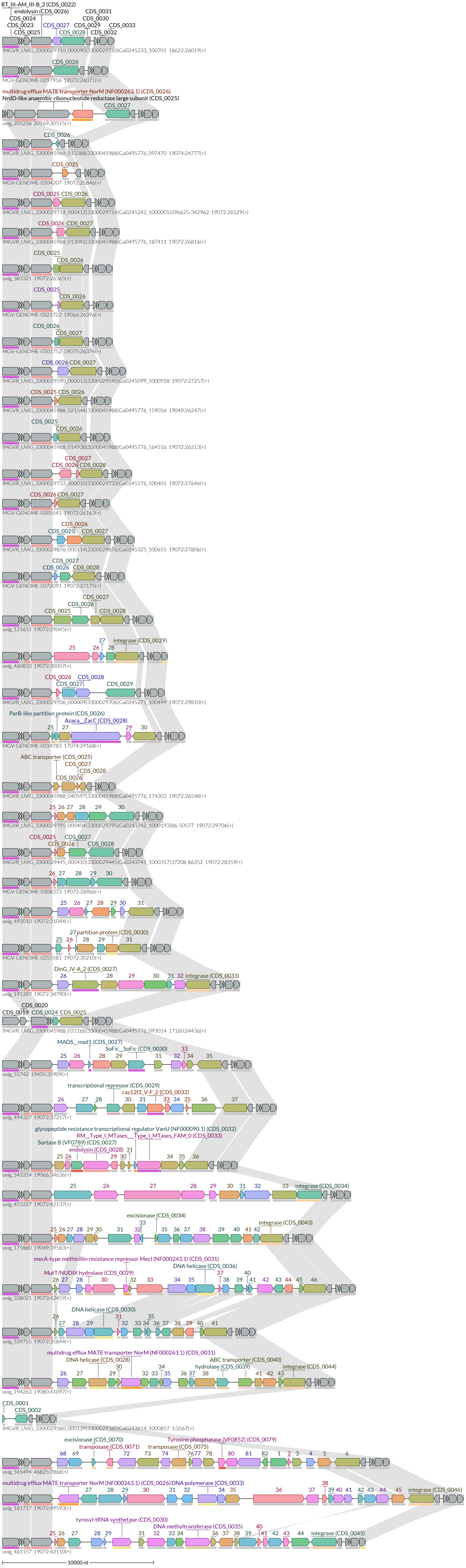
RT_III-AM_III-B_2 (CDS_0022)
endolysin (CDS_0026)
CDS_0031
CDS_0024
CDS_0030
CDS_0023
CDS_0027
CDS_0029
CDS_0033
CDS_0025
CDS_0028
CDS_0032
IMGVR_UViG_3300029710_000090|3300029710|Ga0245233_100701 18622:26019(+)
CDS_0026
MGV-GENOME-0297956 19072:26071(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0026)
NrdD-like anaerobic ribonucleotide reductase large subunit (CDS_0025)
CDS_0027
uvig_205236 20169:30515(+)
CDS_0026
IMGVR_UViG_3300045988_013388|3300045988|Ga0495776_097470 19074:24777(+)
CDS_0025
MGV-GENOME-0304207 19072:25846(+)
CDS_0025 CDS_0026
IMGVR_UViG_3300029714_000412|3300029714|Ga0245242_1000005|296625-342962 19072:26529(+)
CDS_0026 CDS_0027
IMGVR_UViG_3300045988_013092|3300045988|Ga0495776_187411 19072:26816(+)
CDS_0025
CDS_0026
uvig_383321 19072:26365(+)
CDS_0025
CDS_0026
MGV-GENOME-0321722 19066:26396(+)
CDS_0026
CDS_0027
MGV-GENOME-0301752 19075:26374(+)
CDS_0026 CDS_0027
IMGVR_UViG_3300029590_000013|3300029590|Ga0245099_1000928 19072:27257(+)
CDS_0025 CDS_0026
IMGVR_UViG_3300045988_021544|3300045988|Ga0495776_159056 19049:26247(+)
CDS_0025
CDS_0026
IMGVR_UViG_3300045988_014938|3300045988|Ga0495776_164516 19072:26213(+)
CDS_0027
CDS_0026 CDS_0028
IMGVR_UViG_3300029733_000010|3300029733|Ga0245176_100401 19072:27646(+)
CDS_0026 CDS_0027
MGV-GENOME-0305541 19072:26163(+)
CDS_0026
CDS_0025 CDS_0027
IMGVR_UViG_3300029876_000114|3300029876|Ga0245325_100655 19072:27806(+)
CDS_0027
CDS_0026 CDS_0028
MGV-GENOME-0372091 19072:27175(+)
CDS_0027
CDS_0026
CDS_0025 CDS_0028
uvig_121651 19072:29045(+)
27 integrase (CDS_0029)
25 26 28
uvig_460833 19072:30007(+)
CDS_0026 CDS_0028
CDS_0027 CDS_0029
IMGVR_UViG_3300029706_000009|3300029706|Ga0245271_100499 19072:29810(+)
ParB-like partition protein (CDS_0026)
Azaca_ZacC (CDS_0028)
25 27 29 30
MGV-GENOME-0314783 17074:29168(+)
ABC transporter (CDS_0025)
CDS_0027
CDS_0028
CDS_0026
IMGVR_UViG_3300045988_040597|3300045988|Ga0495776_174303 19072:26548(+)
25 26 27 28 29 30
IMGVR_UViG_3300029795_000404|3300029795|Ga0243742_1000193|86-50577 19072:29706(+)
CDS_0025 CDS_0027
CDS_0026 CDS_0028
IMGVR_UViG_3300029445_000410|3300029445|Ga0243741_1000317|37208-86352 19072:28359(+)
26 27 28 29 30
MGV-GENOME-0308373 19072:28966(+)
25 26 27 28 29 30 31
uvig_493010 19072:31044(+)
27 partition protein (CDS_0030)
25 26 28 29 31
MGV-GENOME-0355581 19072:30210(+)
DinG_IV-A_2 (CDS_0027)
26 28 29 30 31 32 integrase (CDS_0033)
uvig_191397 19072:34790(+)
CDS_0020
CDS_0019 CDS_0024 CDS_0025
IMGVR_UViG_3300045988_031166|3300045988|Ga0495776_093014 17160:24436(+)
MADS_mad1 (CDS_0027)
SoFic_SoFic (CDS_0030)
33
25 26 28 29 31 32 34 35
uvig_55742 19435:35909(+)
transcriptional repressor (CDS_0029)
cas12f2_V-F_2 (CDS_0032)
26 27 28 30 31 33 34 35 36 37
uvig_494327 19072:37217(+)
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0032)
RM_Type_I_MTases
Type_I_MTases_FAM_0 (CDS_0033)
Sortase B (VF0789) (CDS_0027)
endolysin (CDS_0028) 31
25 26 29 30 34 35 36
uvig_543314 19066:34636(+)
25 26 27 28 29 30 31 32 33 integrase (CDS_0034)
uvig_453227 19072:42137(+)
excisionase (CDS_0034)
33
integrase (CDS_0043)
25 26 27 28 29 30 31 32 35 36 37 38 39 40 41 42
uvig_175880 19049:39583(+)
mecA-type methicillin resistance repressor MecI (NF000243.1) (CDS_0031)
DNA helicase (CDS_0036)
MutT/NUDIX hydrolase (CDS_0029)
37 40
26 27 28 30 32 33 34 35 38 39 41 42 43 44 45 46
uvig_338021 19073:42459(+)
DNA helicase (CDS_0030)
26 31 35
27 28 29 32 33 34 36 37 38 39 40 41
uvig_539755 19072:35844(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0031)
DNA helicase (CDS_0028)
ABC transporter (CDS_0040)
30 34
hydrolase (CDS_0039)
integrase (CDS_0044)
26 27 29 32 33 35 36 37 38 41 42 43
uvig_194263 19080:41097(+)
CDS_0001
CDS_0002
IMGVR_UViG_3300029360_000139|3300029360|Ga0243814_1000857 1:3567(+)
excisionase (CDS_0070)
Tyrosine phosphatase (VF0852) (CDS_0079)
transposase (CDS_0071)
transposase (CDS_0075)
68 69 72 73 74 76 77 78 80 81 82 1 2 3 4 5 6
uvig_545494 46825:7868(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0026)
DNA polymerase (CDS_0033)
38
27 28 29 30 31 32 34 35 36 37 39 40 41 42 43 44 45 integrase (CDS_0046)
uvig_181717 19072:49593(+)
tyrosyl-tRNA synthetase (CDS_0030)
DNA methyltransferase (CDS_0035)
40
25 26 27 28 29 31 32 33 34 36 37 38 39 41 42 43 44 integrase (CDS_0045)
uvig_461157 19072:43110(+)
10000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function
Defence
Virulence
AMR