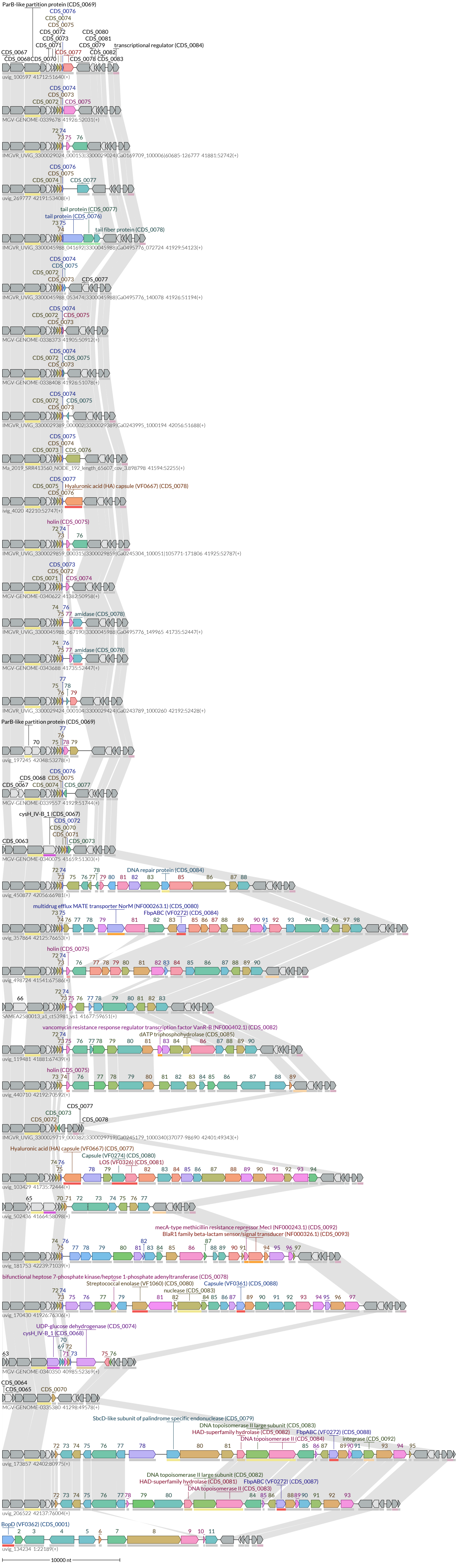
ParB-like partition protein (CDS_0069)
CDS_0076
CDS_0074
CDS_0075
CDS_0072
CDS_0080
CDS_0073
CDS_0081
CDS_0071
CDS_0079
transcriptional regulator (CDS_0084)
CDS_0067
CDS_0077
CDS_0082
CDS_0068
CDS_0070
CDS_0078
CDS_0083
uvig_100597 41712:51640(+)
CDS_0074
CDS_0073
CDS_0072
CDS_0075
MGV-GENOME-0339678 41926:52031(+)
72 74
73 75
76
IMGVR_UViG_3300029024_000153|3300029024|Ga0169709_100006|60685-126777 41881:52742(+)
CDS_0076
CDS_0075
CDS_0074
CDS_0077
uvig_269777 42191:53408(+)
tail protein (CDS_0077)
tail protein (CDS_0076)
73 75
74
tail fiber protein (CDS_0078)
IMGVR_UViG_3300045988_041692|3300045988|Ga0495776_072724 41929:54123(+)
CDS_0074
CDS_0075
CDS_0072
CDS_0073
CDS_0077
IMGVR_UViG_3300045988_053474|3300045988|Ga0495776_140078 41926:51194(+)
CDS_0074
CDS_0072
CDS_0075
CDS_0073
MGV-GENOME-0338373 41905:50912(+)
CDS_0074
CDS_0072
CDS_0075
CDS_0073
MGV-GENOME-0338408 41926:51078(+)
CDS_0074
CDS_0072
CDS_0075
CDS_0073
IMGVR_UViG_3300029389_000002|3300029389|Ga0243995_1000194 42056:51688(+)
CDS_0075
CDS_0074
CDS_0073
CDS_0076
Ma_2019_SRR413560_NODE_192_length_65607_cov_3.898798 41594:52255(+)
CDS_0077
CDS_0075
Hyaluronic acid (HA) capsule (VF0667) (CDS_0078)
CDS_0076
ivig_4020 42210:52747(+)
holin (CDS_0075)
72 74
73
76
IMGVR_UViG_3300029859_000315|3300029859|Ga0245304_100051|105771-171806 41925:52787(+)
CDS_0073
CDS_0072
CDS_0071
CDS_0074
MGV-GENOME-0340622 41382:50958(+)
74 76
75 77
amidase (CDS_0078)
IMGVR_UViG_3300045988_067190|3300045988|Ga0495776_149965 41735:52447(+)
74 76
75 77
amidase (CDS_0078)
MGV-GENOME-0343688 41735:52447(+)
77
75
78
76
79
IMGVR_UViG_3300029424_000104|3300029424|Ga0243789_1000260 42192:52428(+)
ParB-like partition protein (CDS_0069)
77
76
70
75
78 79
uvig_197245 42048:53278(+)
CDS_0076
CDS_0068
CDS_0075
CDS_0067
CDS_0074
CDS_0077
MGV-GENOME-0339557 41929:51744(+)
cysH_IV-B_1 (CDS_0067)
CDS_0072
CDS_0070
CDS_0071
CDS_0063
CDS_0073
MGV-GENOME-0340075 41659:51303(+)
72 74
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76 77
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DNA repair protein (CDS_0084)
83
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86
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88
uvig_450877 42056:66981(+)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0080)
FbpABC (VF0272) (CDS_0084)
73 75
74 76
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uvig_357864 42125:76653(+)
holin (CDS_0075)
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uvig_498724 41541:67586(+)
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SAMEA2580013_a1_ct53981_vs1 41677:59651(+)
vancomycin resistance response regulator transcription factor VanR-B (NF000402.1) (CDS_0082)
dATP triphosphohydrolase (CDS_0085)
72 74
73 75
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uvig_119481 41881:67439(+)
holin (CDS_0075)
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uvig_440710 42192:70592(+)
CDS_0077
CDS_0073
CDS_0072
CDS_0078
IMGVR_UViG_3300029719_000382|3300029719|Ga0245179_1000340|37077-98690 42401:49343(+)
Hyaluronic acid (HA) capsule (VF0667) (CDS_0077)
Capsule (VF0274) (CDS_0080)
LOS (VF0326) (CDS_0081)
74 76
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uvig_103429 41735:72444(+)
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70 71
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uvig_502436 41664:58098(+)
mecA-type methicillin resistance repressor MecI (NF000243.1) (CDS_0092)
BlaR1 family beta-lactam sensor/signal transducer (NF000326.1) (CDS_0093)
74 76
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uvig_181753 42239:71039(+)
bifunctional heptose 7-phosphate kinase/heptose 1-phosphate adenyltransferase (CDS_0078)
Streptococcal enolase (VF1060) (CDS_0080)
Capsule (VF0361) (CDS_0088)
nuclease (CDS_0083)
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uvig_170430 41926:76306(+)
UDP-glucose dehydrogenase (CDS_0074)
cysH_IV-B_1 (CDS_0068)
70
69 72
63
71 73
75 76
MGV-GENOME-0340350 40985:52369(+)
CDS_0064
CDS_0065
CDS_0070
MGV-GENOME-0335380 41298:49578(+)
SbcD-like subunit of palindrome specific endonuclease (CDS_0079)
DNA topoisomerase II large subunit (CDS_0083)
HAD-superfamily hydrolase (CDS_0082)
FbpABC (VF0272) (CDS_0088)
DNA topoisomerase II (CDS_0084)
integrase (CDS_0092)
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uvig_173857 42402:80975(+)
DNA topoisomerase II large subunit (CDS_0082)
HAD-superfamily hydrolase (CDS_0081)
FbpABC (VF0272) (CDS_0087)
DNA topoisomerase II (CDS_0083)
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88 89
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uvig_206522 42137:76004(+)
BopD (VF0362) (CDS_0001)
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8
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10
11
uvig_134234 1:22189(+)
10000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
other
tail
transcription regulation
unknown function
Defence
Virulence
AMR