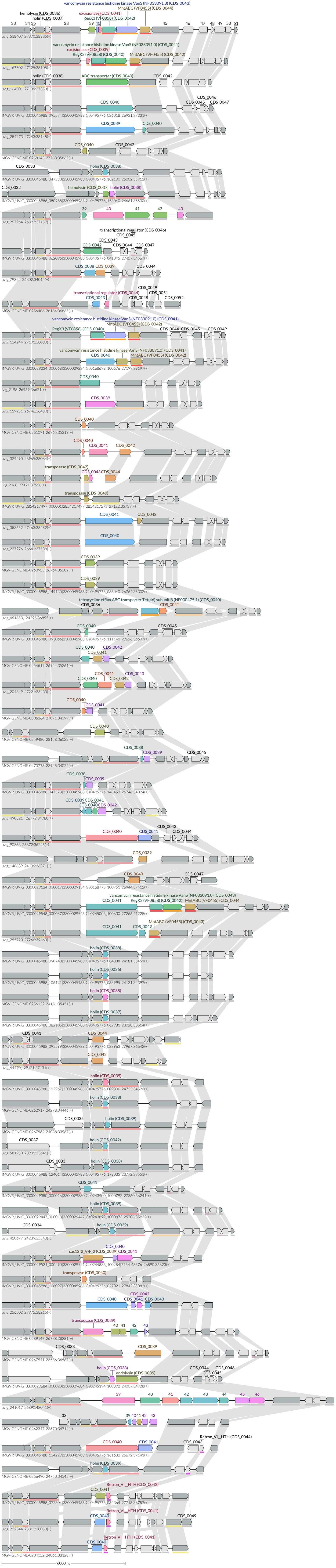
vancomycin resistance histidine kinase VanS (NF033091.0) (CDS_0043)
MntABC (VF0455) (CDS_0044)
hemolysin (CDS_0036)
holin (CDS_0037)
excisionase (CDS_0041)
RegX3 (VF0858) (CDS_0042)
33 34 35 38 39 40 45 46 47 48 49 50 51
uvig_518407 27370:38835(+)
vancomycin resistance histidine kinase VanS (NF033091.0) (CDS_0041)
excisionase (CDS_0039)
RegX3 (VF0858) (CDS_0040)
MntABC (VF0455) (CDS_0042)
uvig_167502 27125:38108(+)
holin (CDS_0038)
ABC transporter (CDS_0040)
CDS_0042
uvig_164501 27139:37358(+)
CDS_0046
CDS_0040
CDS_0045
CDS_0047
IMGVR_UViG_3300045988_095574|3300045988|Ga0495776_026018 26931:37231(+)
CDS_0039
CDS_0040
uvig_284273 27243:38148(+)
CDS_0040
CDS_0042
MGV-GENOME-0258143 27783:35865(+)
CDS_0033
holin (CDS_0038)
IMGVR_UViG_3300045988_047530|3300045988|Ga0495776_182100 25002:35713(+)
CDS_0032
hemolysin (CDS_0037)
holin (CDS_0038)
IMGVR_UViG_3300045988_080988|3300045988|Ga0495776_153040 24661:35530(+)
39 40 41 42 43
uvig_257964 26892:37157(+)
transcriptional regulator (CDS_0046)
CDS_0045
CDS_0043
CDS_0042
CDS_0044
CDS_0047
IMGVR_UViG_3300045988_062096|3300045988|Ga0495776_041345 27457:34567(+)
CDS_0038 CDS_0039
CDS_0044
uvig_79852 26302:34014(+)
CDS_0049
transcriptional regulator (CDS_0044)
CDS_0051
CDS_0043
CDS_0048
CDS_0052
MGV-GENOME-0256486 28184:36865(+)
vancomycin resistance histidine kinase VanS (NF033091.0) (CDS_0041)
MntABC (VF0455) (CDS_0042)
RegX3 (VF0858) (CDS_0040)
CDS_0044 CDS_0045
CDS_0049
uvig_134244 27191:38080(+)
vancomycin resistance histidine kinase VanS (NF033091.0) (CDS_0041)
CDS_0040
MntABC (VF0455) (CDS_0042)
IMGVR_UViG_3300029234_000068|3300029234|Ga0168698_100676 27199:38197(+)
CDS_0040
ivig_2198 26969:36621(+)
CDS_0039
uvig_159251 26746:36489(+)
CDS_0040
MGV-GENOME-0261091 26965:35319(+)
CDS_0040
CDS_0041
CDS_0042
uvig_329490 26965:38064(+)
transposase (CDS_0042)
CDS_0043 CDS_0044
ivig_2068 27121:37558(+)
transposase (CDS_0040)
IMGVR_UViG_2854217497_000001|2854217497|2854217573 27122:35739(+)
CDS_0041
CDS_0042
uvig_383652 27463:38482(+)
CDS_0040
uvig_237276 26641:37538(+)
CDS_0039
MGV-GENOME-0260955 26764:35302(+)
CDS_0039
IMGVR_UViG_3300045988_149130|3300045988|Ga0495776_086040 26764:35302(+)
tetracycline efflux ABC transporter Tet(46) subunit B (NF000475.1) (CDS_0040)
CDS_0036
CDS_0041
uvig_491853_ 24295:36895(+)
CDS_0040
CDS_0045
IMGVR_UViG_3300045988_093066|3300045988|Ga0495776_111141 27626:36607(+)
CDS_0040
CDS_0042
CDS_0041
MGV-GENOME-0254615 26944:35261(+)
CDS_0041
CDS_0043
CDS_0040
CDS_0042
uvig_204849 27221:36430(+)
CDS_0040
CDS_0041
MGV-GENOME-0306364 27071:34399(+)
CDS_0040
MGV-GENOME-0259480 28158:36022(+)
CDS_0038
CDS_0039
CDS_0045
MGV-GENOME-0270778 23945:34024(+)
CDS_0038
CDS_0039
IMGVR_UViG_3300045988_047578|3300045988|Ga0495776_148453 26746:34024(+)
CDS_0039CDS_0041
CDS_0040CDS_0042
uvig_490821_ 26772:34780(+)
CDS_0043
CDS_0040
CDS_0041
CDS_0044
uvig_90383 26672:36225(+)
CDS_0039
uvig_140839 24139:36371(+)
CDS_0040
CDS_0047
IMGVR_UViG_3300029134_000017|3300029134|Ga0168775_100761 26944:37415(+)
vancomycin resistance histidine kinase VanS (NF033091.0) (CDS_0043)
CDS_0041
RegX3 (VF0858) (CDS_0042)
MntABC (VF0455) (CDS_0044)
IMGVR_UViG_3300029548_000067|3300029548|Ga0245003_100630 27266:41228(+)
MntABC (VF0455) (CDS_0043)
CDS_0041
CDS_0042
uvig_255720 27266:39463(+)
holin (CDS_0038)
IMGVR_UViG_3300045988_090248|3300045988|Ga0495776_084388 24181:35451(+)
holin (CDS_0036)
IMGVR_UViG_3300045988_106121|3300045988|Ga0495776_083995 24131:34397(+)
holin (CDS_0038)
MGV-GENOME-0256122 24181:35451(+)
holin (CDS_0037)
IMGVR_UViG_3300045988_082105|3300045988|Ga0495776_062981 23028:33514(+)
CDS_0041
CDS_0044
IMGVR_UViG_3300045988_095599|3300045988|Ga0495776_083963 27967:36642(+)
CDS_0042
uvig_44470_ 29121:37131(+)
holin (CDS_0039)
IMGVR_UViG_3300045988_112967|3300045988|Ga0495776_009306 24725:34520(+)
holin (CDS_0038)
MGV-GENOME-0262917 24278:34446(+)
CDS_0035
holin (CDS_0039)
MGV-GENOME-0267562 24038:33967(+)
CDS_0037
holin (CDS_0042)
uvig_581950 23901:33641(+)
CDS_0033
holin (CDS_0038)
IMGVR_UViG_3300045988_124014|3300045988|Ga0495776_178035 23772:33551(+)
CDS_0041
IMGVR_UViG_3300029380_000016|3300029380|Ga0243900_1000792 27360:36241(+)
holin (CDS_0039)
IMGVR_UViG_3300029447_000018|3300029447|Ga0243899_1000873 25208:35932(+)
CDS_0034
holin (CDS_0039)
uvig_450677 24239:35540(+)
CDS_0040
cas12f2_V-F_2 (CDS_0039) CDS_0041
IMGVR_UViG_3300029521_000290|3300029521|Ga0244833_100284|7754-48576 26890:36623(+)
transposase (CDS_0040)
IMGVR_UViG_3300045988_108097|3300045988|Ga0495776_027021 27842:35082(+)
CDS_0042
CDS_0040
CDS_0041 CDS_0043
uvig_256502 27975:38215(+)
transposase (CDS_0039)
40 41 42 43
MGV-GENOME-0289147 26738:38281(+)
CDS_0033
CDS_0039
MGV-GENOME-0267941 23586:36567(+)
holin (CDS_0038)
endolysin (CDS_0039)
CDS_0044
CDS_0046
CDS_0045
IMGVR_UViG_3300029684_000020|3300029684|Ga0245194_100892 24007:34728(+)
39 40 41 42 43 44 45 46
uvig_241017 26890:43041(+)
33
39 40 41 42 43
MGV-GENOME-0262347 23670:34714(+)
Retron_VI_HTH (CDS_0044)
CDS_0040
CDS_0041
CDS_0043
IMGVR_UViG_3300045988_134229|3300045988|Ga0495776_161632 26672:37141(+)
holin (CDS_0039)
MGV-GENOME-0266490 24750:34545(+)
Retron_VI_HTH (CDS_0042)
CDS_0041
IMGVR_UViG_3300045988_072304|3300045988|Ga0495776_084364 27718:36787(+)
Retron_VI_HTH (CDS_0041)
CDS_0040
CDS_0049
uvig_222544 28813:38053(+)
Retron_VI_HTH (CDS_0041)
CDS_0040
MGV-GENOME-0234052 24061:33128(+)
6000 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