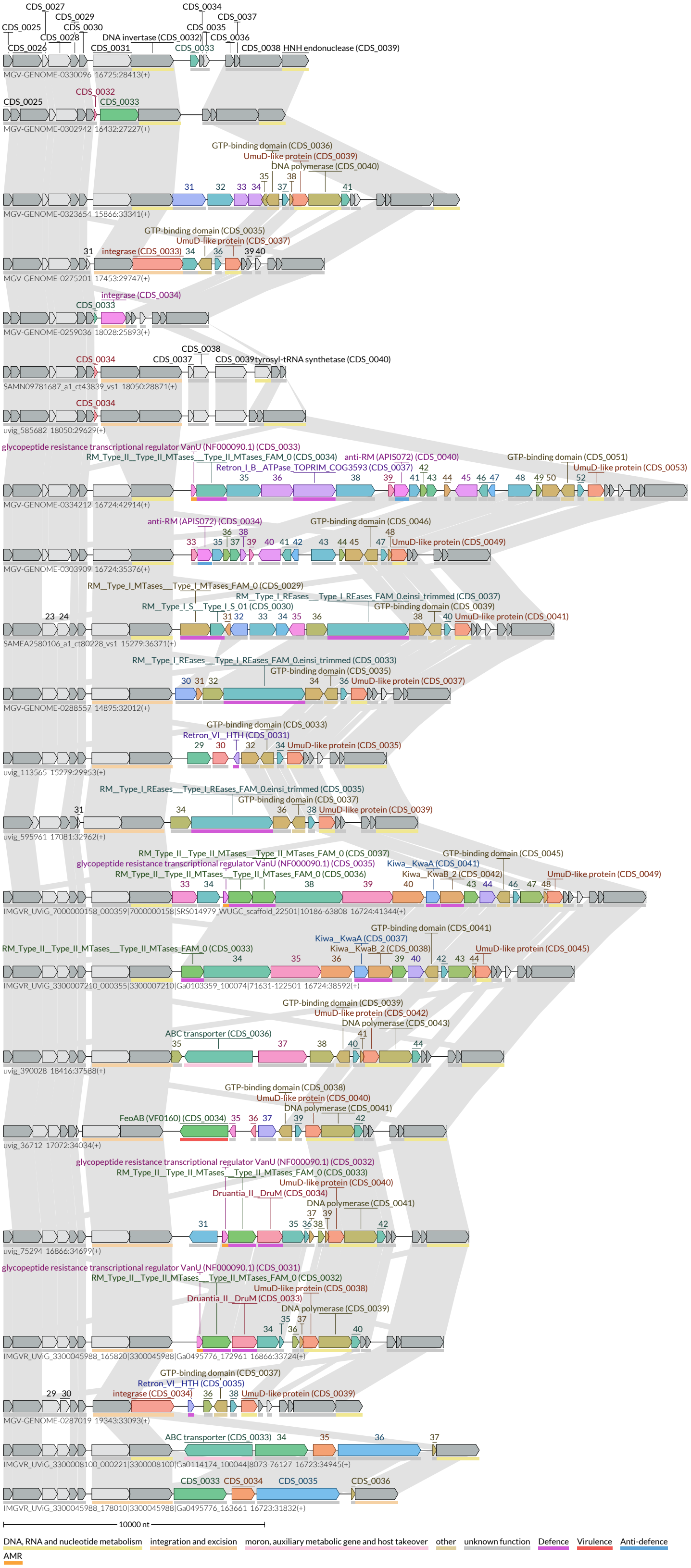
CDS_0027
CDS_0029
CDS_0025
CDS_0030
CDS_0028
CDS_0026
CDS_0031
DNA invertase (CDS_0032)
CDS_0034
CDS_0037
CDS_0035
CDS_0036
CDS_0033
CDS_0038
HNH endonuclease (CDS_0039)
MGV-GENOME-0330096 16725:28413(+)
CDS_0032
CDS_0025
CDS_0033
MGV-GENOME-0302942 16432:27227(+)
GTP-binding domain (CDS_0036)
UmuD-like protein (CDS_0039)
DNA polymerase (CDS_0040)
MGV-GENOME-0323654 15866:33341(+)
GTP-binding domain (CDS_0035)
UmuD-like protein (CDS_0037)
integrase (CDS_0033)
MGV-GENOME-0275201 17453:29747(+)
integrase (CDS_0034)
CDS_0033
MGV-GENOME-0259036 18028:25893(+)
CDS_0038
CDS_0034
CDS_0037
CDS_0039
tyrosyl-tRNA synthetase (CDS_0040)
SAMN09781687_a1_ct43839_vs1 18050:28871(+)
CDS_0034
uvig_585682 18050:29629(+)
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0033)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0034)
anti-RM (APIS072) (CDS_0040)
Retron_I_B__ATPase_TOPRIM_COG3593 (CDS_0037)
GTP-binding domain (CDS_0051)
UmuD-like protein (CDS_0053)
MGV-GENOME-0334212 16724:42914(+)
anti-RM (APIS072) (CDS_0034)
GTP-binding domain (CDS_0046)
UmuD-like protein (CDS_0049)
MGV-GENOME-0303909 16724:35376(+)
RM__Type_I_MTases__Type_I_MTases_FAM_0 (CDS_0029)
RM__Type_I_REases__Type_I_REases_FAM_0.einsi_trimmed (CDS_0037)
RM__Type_I_S__Type_I_S_01 (CDS_0030)
GTP-binding domain (CDS_0039)
UmuD-like protein (CDS_0041)
SAMEA2580106_a1_ct80228_vs1 15279:36371(+)
RM__Type_I_REases__Type_I_REases_FAM_0.einsi_trimmed (CDS_0033)
GTP-binding domain (CDS_0035)
UmuD-like protein (CDS_0037)
MGV-GENOME-0288557 14895:32012(+)
GTP-binding domain (CDS_0033)
Retron_VI__HTH (CDS_0031)
UmuD-like protein (CDS_0035)
uvig_113565 15279:29953(+)
RM__Type_I_REases__Type_I_REases_FAM_0.einsi_trimmed (CDS_0035)
GTP-binding domain (CDS_0037)
UmuD-like protein (CDS_0039)
uvig_595961 17081:32962(+)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0037)
GTP-binding domain (CDS_0045)
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0035)
Kiwa__KwaA (CDS_0041)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0036)
Kiwa__KwaB_2 (CDS_0042)
UmuD-like protein (CDS_0049)
IMGVR_UViG_7000000158_000359|7000000158|SRS014979_WUGC_scaffold_22501|10186-63808 16724:41344(+)
GTP-binding domain (CDS_0041)
Kiwa__KwaA (CDS_0037)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0033)
Kiwa__KwaB_2 (CDS_0038)
UmuD-like protein (CDS_0045)
IMGVR_UViG_3300007210_000355|3300007210|Ga0103359_100074|71631-122501 16724:38592(+)
GTP-binding domain (CDS_0039)
UmuD-like protein (CDS_0042)
DNA polymerase (CDS_0043)
ABC transporter (CDS_0036)
uvig_390028 18416:37588(+)
GTP-binding domain (CDS_0038)
UmuD-like protein (CDS_0040)
DNA polymerase (CDS_0041)
FeoAB (VF0160) (CDS_0034)
uvig_36712 17072:34034(+)
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0032)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0033)
UmuD-like protein (CDS_0040)
Druantia_II__DruM (CDS_0034)
DNA polymerase (CDS_0041)
uvig_75294 16866:34699(+)
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0031)
RM_Type_II__Type_II_MTases__Type_II_MTases_FAM_0 (CDS_0032)
UmuD-like protein (CDS_0038)
Druantia_II__DruM (CDS_0033)
DNA polymerase (CDS_0039)
IMGVR_UViG_3300045988_165820|3300045988|Ga0495776_172961 16866:33724(+)
GTP-binding domain (CDS_0037)
Retron_VI__HTH (CDS_0035)
integrase (CDS_0034)
UmuD-like protein (CDS_0039)
MGV-GENOME-0287019 19343:33093(+)
ABC transporter (CDS_0033)
IMGVR_UViG_3300008100_000221|3300008100|Ga0114174_100044|8073-76127 16723:34945(+)
CDS_0033
CDS_0034
CDS_0035
CDS_0036
IMGVR_UViG_3300045988_178010|3300045988|Ga0495776_163661 16723:31832(+)
10000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence
Virulence
Anti-defence
AMR