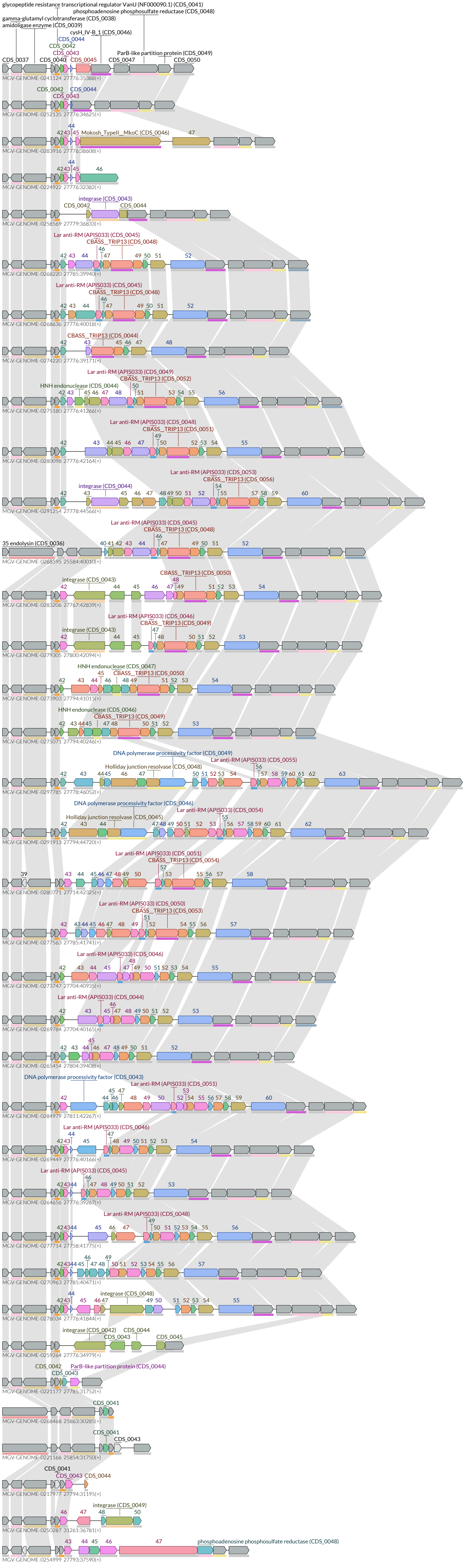
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0041)
phosphoadenosine phosphosulfate reductase (CDS_0048)
gamma-glutamyl cyclotransferase (CDS_0038)
amidoligase enzyme (CDS_0039)
cysH_IV-B_1 (CDS_0046)
CDS_0044
CDS_0042
CDS_0043
ParB-like partition protein (CDS_0049)
CDS_0037
CDS_0040
CDS_0045
CDS_0047
CDS_0050
MGV-GENOME-0241124 27776:35388(+)
MGV-GENOME-0252135 27776:34625(+)
Mokosh_TypeII__MkoC (CDS_0046)
MGV-GENOME-0283916 27776:38608(+)
MGV-GENOME-0224922 27776:32382(+)
integrase (CDS_0043)
MGV-GENOME-0258569 27779:36833(+)
Lar anti-RM (APIS033) (CDS_0045)
CBASS__TRIP13 (CDS_0048)
MGV-GENOME-0268220 27785:39940(+)
MGV-GENOME-0268636 27776:40018(+)
CBASS__TRIP13 (CDS_0044)
MGV-GENOME-0274220 27776:39171(+)
Lar anti-RM (APIS033) (CDS_0049)
CBASS__TRIP13 (CDS_0052)
HNH endonuclease (CDS_0044)
MGV-GENOME-0275180 27776:41266(+)
Lar anti-RM (APIS033) (CDS_0048)
CBASS__TRIP13 (CDS_0051)
MGV-GENOME-0280098 27776:42164(+)
Lar anti-RM (APIS033) (CDS_0053)
CBASS__TRIP13 (CDS_0056)
integrase (CDS_0044)
MGV-GENOME-0291254 27778:44566(+)
Lar anti-RM (APIS033) (CDS_0045)
CBASS__TRIP13 (CDS_0048)
35 endolysin (CDS_0036)
MGV-GENOME-0268595 25584:40010(+)
CBASS__TRIP13 (CDS_0050)
integrase (CDS_0043)
MGV-GENOME-0283206 27767:42839(+)
Lar anti-RM (APIS033) (CDS_0046)
CBASS__TRIP13 (CDS_0049)
integrase (CDS_0043)
MGV-GENOME-0279305 27800:42094(+)
HNH endonuclease (CDS_0047)
CBASS__TRIP13 (CDS_0050)
MGV-GENOME-0273903 27794:41015(+)
HNH endonuclease (CDS_0046)
CBASS__TRIP13 (CDS_0049)
MGV-GENOME-0275071 27794:40246(+)
DNA polymerase processivity factor (CDS_0049)
Lar anti-RM (APIS033) (CDS_0055)
Holliday junction resolvase (CDS_0048)
MGV-GENOME-0297785 27778:46052(+)
DNA polymerase processivity factor (CDS_0046)
Lar anti-RM (APIS033) (CDS_0054)
Holliday junction resolvase (CDS_0045)
MGV-GENOME-0291913 27794:44720(+)
Lar anti-RM (APIS033) (CDS_0051)
CBASS__TRIP13 (CDS_0054)
MGV-GENOME-0280771 27714:42325(+)
Lar anti-RM (APIS033) (CDS_0050)
CBASS__TRIP13 (CDS_0053)
MGV-GENOME-0277563 27785:41741(+)
Lar anti-RM (APIS033) (CDS_0046)
MGV-GENOME-0273747 27704:40935(+)
Lar anti-RM (APIS033) (CDS_0044)
MGV-GENOME-0269784 27704:40165(+)
MGV-GENOME-0265454 27804:39408(+)
DNA polymerase processivity factor (CDS_0043)
Lar anti-RM (APIS033) (CDS_0051)
MGV-GENOME-0284979 27811:42267(+)
Lar anti-RM (APIS033) (CDS_0046)
MGV-GENOME-0269449 27776:40166(+)
Lar anti-RM (APIS033) (CDS_0045)
MGV-GENOME-0264656 27776:39267(+)
Lar anti-RM (APIS033) (CDS_0048)
MGV-GENOME-0277714 27758:41775(+)
MGV-GENOME-0270963 27785:40471(+)
integrase (CDS_0048)
MGV-GENOME-0278034 27776:41844(+)
integrase (CDS_0042)
CDS_0044
CDS_0043
CDS_0045
MGV-GENOME-0259264 27776:34979(+)
CDS_0042
ParB-like partition protein (CDS_0044)
CDS_0043
MGV-GENOME-0221177 27785:31752(+)
CDS_0041
MGV-GENOME-0268468 25863:30285(+)
CDS_0041
CDS_0043
MGV-GENOME-0221166 25854:31750(+)
CDS_0041
CDS_0043
CDS_0044
MGV-GENOME-0217977 27794:31195(+)
integrase (CDS_0049)
MGV-GENOME-0250287 31261:36781(+)
phosphoadenosine phosphosulfate reductase (CDS_0048)
MGV-GENOME-0254999 27793:37590(+)
7000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence
Anti-defence
AMR