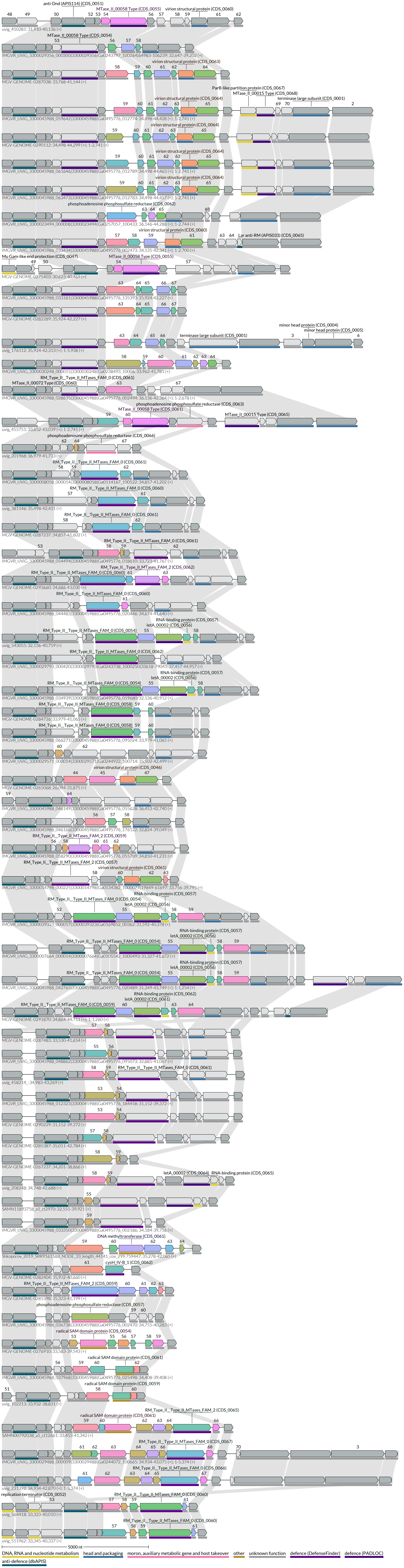
anti-Dnd (APIS114) (CDS_0051)
MTase_II_00058 Type (CDS_0055)
virion structural protein (CDS_0060)
uvig_450281: 31,910-40,136 (+)
MTase_II_00058 Type (CDS_0054)
IMGVR_UViG_3300029356_000300|3300029356|Ga0243797_100264|64983-106239: 32,647-39,202 (+)
virion structural protein (CDS_0063)
MGV-GENOME-0287038: 33,768-41,544 (+)
ParB-like partition protein (CDS_0067)
MTase_II_00015 Type (CDS_0068)
terminase large subunit (CDS_0001)
virion structural protein (CDS_0064)
IMGVR_UViG_3300045988_059642|3300045988|Ga0495776_012774: 34,498-44,428 (+); 1-2,741 (+)
MGV-GENOME-0290112: 34,498-44,299 (+); 1-2,741 (+)
IMGVR_UViG_3300045988_061646|3300045988|Ga0495776_012789: 34,498-44,463 (+); 1-2,741 (+)
IMGVR_UViG_3300045988_063473|3300045988|Ga0495776_012783: 34,498-44,457 (+); 1-2,741 (+)
phosphoadenosine phosphosulfate reductase (CDS_0062)
IMGVR_UViG_3300023494_000008|3300023494|Ga0257057_100433: 36,146-44,288 (+); 1-2,744 (+)
Lar anti-RM (APIS033) (CDS_0065)
IMGVR_UViG_3300045988_033434|3300045988|Ga0495776_002473: 34,135-42,341 (+); 1-2,700 (+)
Mu Gam-like end protection (CDS_0047)
MGV-GENOME-0275403: 30,623-40,469 (+)
IMGVR_UViG_3300045988_033181|3300045988|Ga0495776_135393: 35,924-42,227 (+)
MGV-GENOME-0282289: 35,924-42,227 (+)
minor head protein (CDS_0004)
minor head protein (CDS_0005)
terminase large subunit (CDS_0001)
uvig_176112: 35,924-42,313 (+); 1-5,938 (+)
IMGVR_UViG_3300030248_000015|3300030248|Ga0238493_10006: 33,962-41,781 (+)
RM_Type_II__Type_II_MTases_FAM_0 (CDS_0061)
MTase_II_00072 Type (CDS_0060)
IMGVR_UViG_3300045988_028635|3300045988|Ga0495776_002494: 36,136-42,364 (+); 1-2,678 (+)
phosphoadenosine phosphosulfate reductase (CDS_0063)
MTase_II_00058 Type (CDS_0061)
MTase_II_00015 Type (CDS_0065)
uvig_455751: 33,652-43,039 (+); 1-2,741 (+)
phosphoadenosine phosphosulfate reductase (CDS_0066)
uvig_201968: 36,979-41,733 (+)
RM_Type_II__Type_II_MTases_FAM_0 (CDS_0061)
IMGVR_UViG_3300008058_000014|3300008058|Ga0114167_100522: 34,857-41,202 (+)
RM_Type_II__Type_II_MTases_FAM_0 (CDS_0060)
uvig_381146: 35,498-42,431 (+)
MGV-GENOME-0287237: 34,857-41,602 (+)
IMGVR_UViG_3300045988_054494|3300045988|Ga0495776_018610: 33,723-41,767 (+)
RM_Type_II__Type_II_MTases_FAM_2 (CDS_0062)
MGV-GENOME-0293660: 34,686-43,030 (+)
IMGVR_UViG_3300045988_044483|3300045988|Ga0495776_020446: 34,674-41,640 (+)
RNA-binding protein (CDS_0057)
IetA_00002 (CDS_0056)
uvig_543055: 32,136-40,759 (+)
IMGVR_UViG_3300029793_000420|3300029793|Ga0243738_1000250|33618-79041: 37,457-44,957 (+)
IMGVR_UViG_3300045988_034939|3300045988|Ga0495776_019680: 32,136-40,912 (+)
MGV-GENOME-0284726: 33,979-41,065 (+)
IMGVR_UViG_3300045988_066271|3300045988|Ga0495776_095024: 33,979-41,065 (+)
IMGVR_UViG_3300029571_000014|3300029571|Ga0244922_100714: 35,502-42,499 (+)
virion structural protein (CDS_0046)
MGV-GENOME-0265068: 26,094-31,875 (+)
IMGVR_UViG_3300045988_046149|3300045988|Ga0495776_055628: 36,453-42,740 (+)
IMGVR_UViG_3300045988_046168|3300045988|Ga0495776_176122: 32,824-39,049 (+)
RM_Type_II__Type_II_MTases_FAM_2 (CDS_0059)
IMGVR_UViG_3300045988_058290|3300045988|Ga0495776_055789: 34,850-41,231 (+)
RM_Type_II__Type_II_MTases_FAM_2 (CDS_0057)
virion structural protein (CDS_0061)
IMGVR_UViG_3300014798_000225|3300014798|Ga0134382_1000077|19849-61697: 33,756-39,795 (+)
RNA-binding protein (CDS_0057)
RM_Type_II__Type_II_MTases_FAM_0 (CDS_0054)
IetA_00002 (CDS_0056)
IMGVR_UViG_3300039323_000017|3300039323|Ga0169852_00362: 31,592-40,378 (+)
IMGVR_UViG_3300007664_000014|3300007664|Ga0105542_1000493: 31,327-41,672 (+)
IMGVR_UViG_3300045988_042765|3300045988|Ga0495776_020489: 31,349-43,749 (+); 1-1,254 (+)
RNA-binding protein (CDS_0062)
IetA_00002 (CDS_0061)
RM_Type_II__Type_II_MTases_FAM_0 (CDS_0059)
MGV-GENOME-0291870: 34,864-44,711 (+); 1-1,260 (+)
MGV-GENOME-0287483: 33,530-41,654 (+)
IMGVR_UViG_3300045988_048862|3300045988|Ga0495776_095073: 32,885-41,087 (+)
uvig_458214_: 34,983-43,269 (+)
IMGVR_UViG_3300045988_012323|3300045988|Ga0495776_184458: 31,152-39,372 (+)
MGV-GENOME-0290229: 31,152-39,372 (+)
MGV-GENOME-0285387: 35,011-42,784 (+)
MGV-GENOME-0267237: 34,201-38,866 (+)
IetA_00002 (CDS_0064)
RNA-binding protein (CDS_0065)
uvig_208248: 34,748-42,688 (+)
SAMN11893758_a1_ct2970: 32,555-39,921 (+)
IMGVR_UViG_3300045988_033350|3300045988|Ga0495776_002186: 34,184-39,756 (+)
DNA methyltransferase (CDS_0061)
Shkoporov_2019_SRR9161588_NODE_33_length_44141_cov_299.759447: 35,278-42,085 (+)
cysH_IV-B_1 (CDS_0062)
MGV-GENOME-0282404: 35,932-40,660 (+)
MGV-GENOME-0285398: 35,323-41,199 (+)
phosphoadenosine phosphosulfate reductase (CDS_0057)
IMGVR_UViG_3300045988_036738|3300045988|Ga0495776_002470: 34,755-40,283 (+)
radical SAM domain protein (CDS_0054)
MGV-GENOME-0276910: 33,583-39,543 (+)
radical SAM domain protein (CDS_0061)
IMGVR_UViG_3300045988_037968|3300045988|Ga0495776_025498: 34,408-39,408 (+)
radical SAM domain protein (CDS_0059)
uvig_102213: 33,932-38,831 (+)
RM_Type_II__Type_II_MTases_FAM_2 (CDS_0065)
SAMN00792038_a1_ct12661: 33,453-41,342 (+)
RM_Type_II__Type_II_MTases_FAM_0 (CDS_0067)
IMGVR_UViG_3300029488_000009|3300029488|Ga0244072_100665: 34,934-43,075 (+); 1-5,374 (+)
RM_Type_II__Type_II_MTases_FAM_0 (CDS_0066)
uvig_231398: 34,934-42,870 (+); 1-5,374 (+)
replication terminator (CDS_0052)
RM_Type_II__Type_II_MTases_FAM_0 (CDS_0060)
uvig_564418: 33,323-40,010 (+)
uvig_551962: 33,345-40,337 (+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
moron, auxiliary metabolic gene and host takeover
other
unknown function
defence (DefenseFinder)
defence (PADLOC)
anti-defence (dbAPIS)