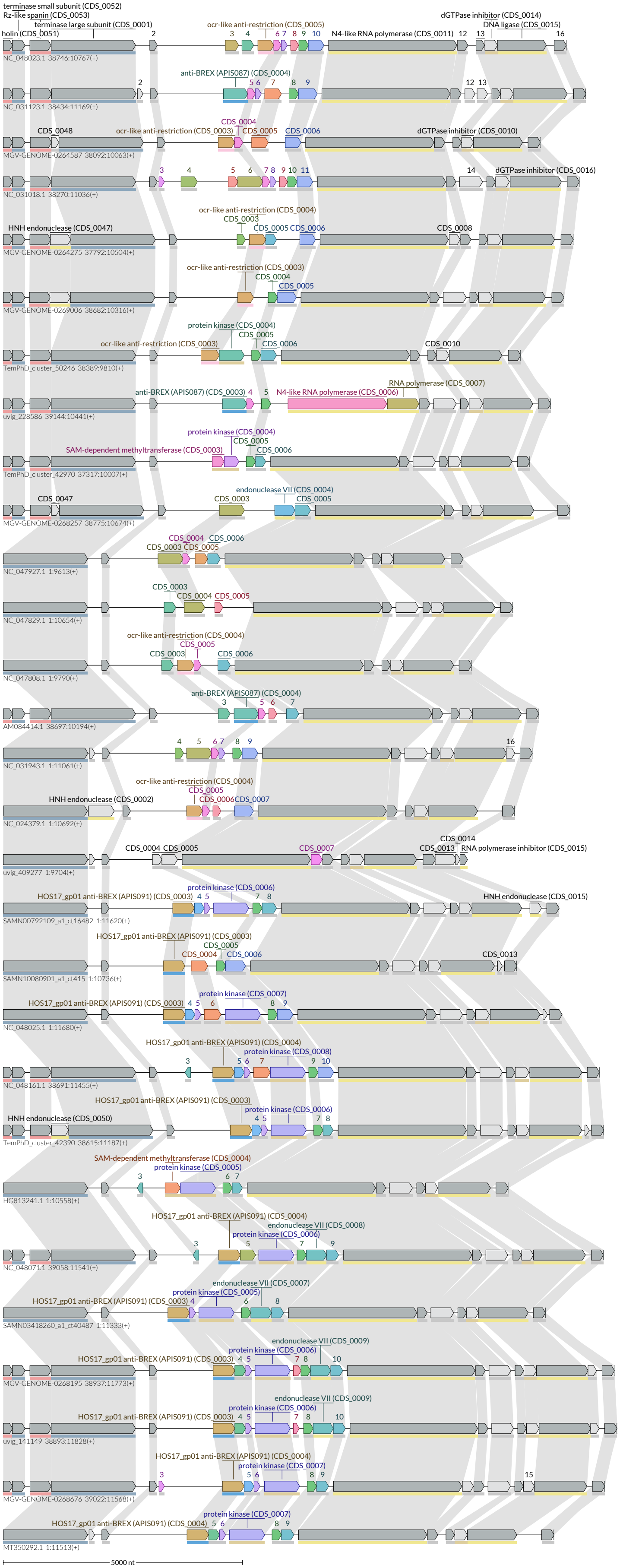
terminase small subunit (CDS_0052)
Rz-like spanin (CDS_0053)
terminase large subunit (CDS_0001)
holin (CDS_0051)
ocr-like anti-restriction (CDS_0005)
N4-like RNA polymerase (CDS_0011)
dGTPase inhibitor (CDS_0014)
DNA ligase (CDS_0015)
NC_048023.1 38746:10767(+)
anti-BREX (APIS087) (CDS_0004)
NC_031123.1 38434:11169(+)
CDS_0048
ocr-like anti-restriction (CDS_0003)
CDS_0004
CDS_0005
CDS_0006
dGTPase inhibitor (CDS_0010)
MGV-GENOME-0264587 38092:10063(+)
dGTPase inhibitor (CDS_0016)
NC_031018.1 38270:11036(+)
ocr-like anti-restriction (CDS_0004)
CDS_0003
HNH endonuclease (CDS_0047)
CDS_0005 CDS_0006
CDS_0008
MGV-GENOME-0264275 37792:10504(+)
ocr-like anti-restriction (CDS_0003)
CDS_0004
CDS_0005
MGV-GENOME-0269006 38682:10316(+)
protein kinase (CDS_0004)
CDS_0005
ocr-like anti-restriction (CDS_0003)
CDS_0006
CDS_0010
TemPhD_cluster_50246 38389:9810(+)
RNA polymerase (CDS_0007)
anti-BREX (APIS087) (CDS_0003)
N4-like RNA polymerase (CDS_0006)
uvig_228586 39144:10441(+)
protein kinase (CDS_0004)
CDS_0005
SAM-dependent methyltransferase (CDS_0003)
CDS_0006
TemPhD_cluster_42970 37317:10007(+)
endonuclease VII (CDS_0004)
CDS_0047
CDS_0003
CDS_0005
MGV-GENOME-0268257 38775:10674(+)
CDS_0004 CDS_0006
CDS_0003 CDS_0005
NC_047927.1 1:9613(+)
CDS_0003
CDS_0004 CDS_0005
NC_047829.1 1:10654(+)
ocr-like anti-restriction (CDS_0004)
CDS_0005
CDS_0003
CDS_0006
NC_047808.1 1:9790(+)
anti-BREX (APIS087) (CDS_0004)
AM084414.1 38697:10194(+)
NC_031943.1 1:11061(+)
ocr-like anti-restriction (CDS_0004)
CDS_0005
HNH endonuclease (CDS_0002)
CDS_0006 CDS_0007
NC_024379.1 1:10692(+)
CDS_0014
CDS_0004 CDS_0005
CDS_0007
CDS_0013
RNA polymerase inhibitor (CDS_0015)
uvig_409277 1:9704(+)
protein kinase (CDS_0006)
HOS17_gp01 anti-BREX (APIS091) (CDS_0003)
HNH endonuclease (CDS_0015)
SAMN00792109_a1_ct16482 1:11620(+)
HOS17_gp01 anti-BREX (APIS091) (CDS_0003)
CDS_0005
CDS_0004
CDS_0006
CDS_0013
SAMN10080901_a1_ct415 1:10736(+)
protein kinase (CDS_0007)
HOS17_gp01 anti-BREX (APIS091) (CDS_0003)
NC_048025.1 1:11680(+)
HOS17_gp01 anti-BREX (APIS091) (CDS_0004)
protein kinase (CDS_0008)
NC_048161.1 38691:11455(+)
HOS17_gp01 anti-BREX (APIS091) (CDS_0003)
protein kinase (CDS_0006)
HNH endonuclease (CDS_0050)
TemPhD_cluster_42390 38615:11187(+)
SAM-dependent methyltransferase (CDS_0004)
protein kinase (CDS_0005)
HG813241.1 1:10558(+)
HOS17_gp01 anti-BREX (APIS091) (CDS_0004)
endonuclease VII (CDS_0008)
protein kinase (CDS_0006)
NC_048071.1 39058:11541(+)
endonuclease VII (CDS_0007)
protein kinase (CDS_0005)
HOS17_gp01 anti-BREX (APIS091) (CDS_0003)
SAMN03418260_a1_ct40487 1:11333(+)
endonuclease VII (CDS_0009)
protein kinase (CDS_0006)
HOS17_gp01 anti-BREX (APIS091) (CDS_0003)
MGV-GENOME-0268195 38937:11773(+)
endonuclease VII (CDS_0009)
protein kinase (CDS_0006)
HOS17_gp01 anti-BREX (APIS091) (CDS_0003)
uvig_141149 38893:11828(+)
HOS17_gp01 anti-BREX (APIS091) (CDS_0004)
protein kinase (CDS_0007)
MGV-GENOME-0268676 39022:11568(+)
protein kinase (CDS_0007)
HOS17_gp01 anti-BREX (APIS091) (CDS_0004)
MT350292.1 1:11513(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
lysis
moron, auxiliary metabolic gene and host takeover
other
unknown function
Anti-defence