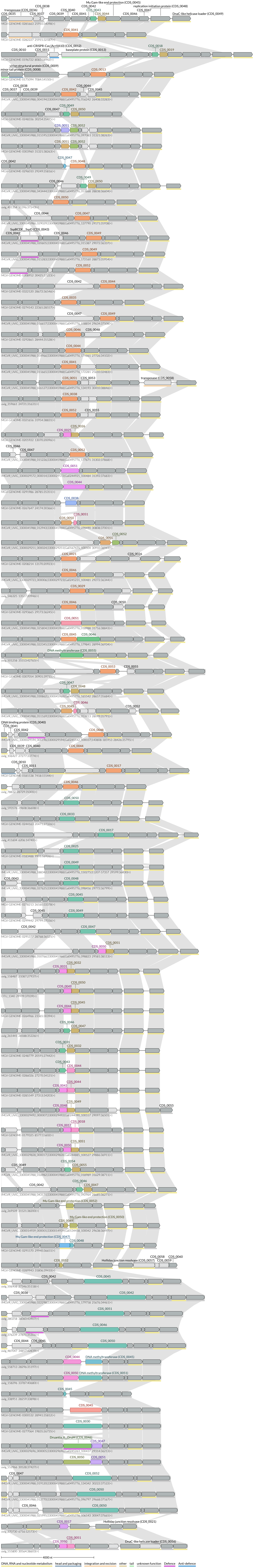
Mu Gam-like end protection (CDS_0045)
transposase (CDS_0038)
CDS_0035
CDS_0037
CDS_0039
CDS_0040
CDS_0042
CDS_0043
CDS_0044
replication initiation protein (CDS_0048)
CDS_0047
CDS_0046
DnaC-like helicase loader (CDS_0049)
MCV GENOME (4281663-2391-18798)+
CDS_0041
anti-CRISPR-Cas (AcrIIA10) (CDS_0012)
CDS_0010
CDS_0011
baseplate protein (CDS_0013)
CDS_0018
CDS_0019
MCV GENOME (0178232-8083-19948)+
scf/ep structural protein (CDS_0009)
minor tail protein (CDS_0008)
CDS_0013
MCV GENOME (1975094-7084-14150)+
CDS_0008
CDS_0044
CDS_0037
CDS_0039
CDS_0042
CDS_0045
BMGR_VAN1__1000049986_(4044413300049988(ca6995776_(3502422 26408-32282)+
CDS_0049
CDS_0047
CDS_0050
CDS_0051
CDS_0052
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3512811 38263)+
CDS_0051
CDS_0052
MCV GENOME (0303960-3121-3826)+
CDS_0047
CDS_0042
CDS_0048
MCV GENOME (0296033-3929-4958)+
CDS_0049
CDS_0046
CDS_0050
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3515 3888-3869)+
SupXCE_Rep(CDS_0043)
CDS_0042
CDS_0046
CDS_0049
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3515887 3907)+
CDS_0049
CDS_0052
MCV GENOME (0308952-3042517-2283)+
CDS_0042
CDS_0044
MCV GENOME (0322120-2867)+365660+
CDS_0035
CDS_0047
CDS_0049
MCV GENOME (0274143-2285-2855)+
CDS_0044
CDS_0048
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 8869-4 3963)+
CDS_0044
CDS_0047
MCV GENOME (0292865-2644-3528)+
CDS_0044
CDS_0047
BMGR_VAN1__1000049988_(7-4966)3300049988(ca6995776_(4966-27776-34102)+
CDS_0041
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(17281-2 4103)2482)+
CDS_0051
CDS_0053
transposase (CDS_0058)
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(34193-3041)3884)+
CDS_0038
CDS_0052
CDS_0055
MCV GENOME (0321656-31954-38831)+
CDS_0026
CDS_0035
MCV GENOME (0305922-13035-20096)+
CDS_0044
CDS_0047
CDS_0052
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(17671-3130)3766)+
CDS_0051
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3084-3129)3763)+
CDS_0044
MCV GENOME (0291986-28765-31351)+
CDS_0038
MCV GENOME (0267647-24174-3036)+
CDS_0051
CDS_0050
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(29490-3808-3700)+
CDS_0052
CDS_0051
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3090-3 3 3)+
CDS_0021
CDS_0026
MCV GENOME (0308241-13170-20923)+
CDS_0046
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(4 3 3 3)+
CDS_0029
MCV GENOME (0293665-29173-36245)+
CDS_0046
CDS_0050
CDS_0051
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(4 3 3 3)+
CDS_0045
CDS_0044
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(179841-2899-3 3 3)+
DNA methyltransferase (CDS_0055)
MCV GENOME (0307054-3095)+
CDS_0053
CDS_0055
CDS_0047
CDS_0048
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
CDS_0045
CDS_0046
CDS_0052
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
DNA binding protein (CDS_0040)
CDS_0041
CDS_0042
CDS_0048
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
CDS_0039
CDS_0040
CDS_0044
MCV GENOME (0306477-27277-33796)+
CDS_0010
CDS_0011
CDS_0017
MCV GENOME (0181538-7418-15344)+
CDS_0046
MCV GENOME (0284616-2247-7372)+
CDS_0050
CDS_0033
CDS_0017
MCV GENOME (0183488-9971-16986)+
CDS_0025
CDS_0049
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
CDS_0043
CDS_0048
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
CDS_0045
MCV GENOME (0278213-2518-3337)+
CDS_0045
CDS_0049
MCV GENOME (0299442-2179-2810)+
CDS_0042
CDS_0047
MCV GENOME (0295177-28768-3857)+
CDS_0051
CDS_0050
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
CDS_0032
CDS_0031
MCV GENOME (0284873-23877-27937)+
CDS_0050
CDS_0049
CDS_0045
MCV GENOME (0264966-2330)+
CDS_0046
CDS_0047
MCV GENOME (0284779-2059)+
CDS_0031
CDS_0032
MCV GENOME (0284779-2059)+
CDS_0043
CDS_0044
MCV GENOME (0286026-2727)+
CDS_0044
CDS_0043
MCV GENOME (0285549-2733)+
CDS_0049
CDS_0048
CDS_0055
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
CDS_0018
CDS_0019
MCV GENOME (0279325-8577)+
CDS_0051
CDS_0050
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
CDS_0049
CDS_0054
CDS_0055
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
CDS_0042
CDS_0047
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
Mu Gam-like end protection (CDS_0052)
CDS_0050
CDS_0049
BMGR_VAN1__1000049988_(4044413300049988(ca6995776_(3 3 3 3)+
Mu Gam-like end protection (CDS_0047)
CDS_0048
MCV GENOME (0291570-29940)+
CDS_0058
CDS_0060
CDS_0052
Holliday junction resolvase (CDS_0057)
CDS_0059
MCV GENOME (0289943-3184)+
CDS_0042
CDS_0045
CDS_0036
CDS_0042
CDS_0051
CDS_0046
CDS_0044
CDS_0045
CDS_0050
CDS_0047
CDS_0044
DNA methyltransferase (CDS_0045)
CDS_0050
DNA methyltransferase (CDS_0051)
CDS_0045
CDS_0045
CDS_0030
Dnaseta_B_DnaM (CDS_0046)
CDS_0047
CDS_0050
CDS_0051
CDS_0052
CDS_0047
CDS_0050
CDS_0046
CDS_0050
CDS_0017
Holliday junction resolvase (CDS_0021)
CDS_0051
DnaC-like helicase loader (CDS_0056)
4000 nt
tRNA and nucleotide metabolism
head and packaging
integration and excision
other
tail
unknown function
Defence
Anti-defence