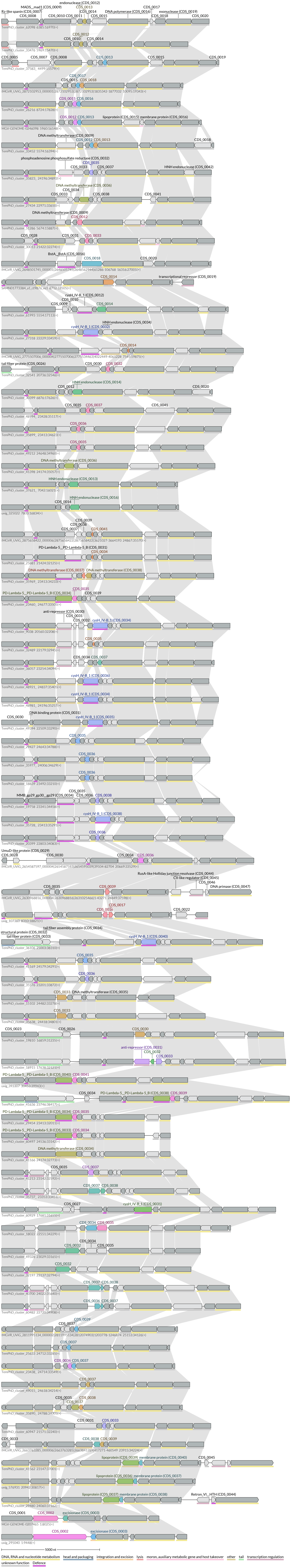
endonuclease (CDS_0012)
MADS_mad1 (CDS_0009)
CDS_0013
CDS_0017
Rz-like spanin (CDS_0007)
CDS_0014
DNA polymerase (CDS_0016)
exonuclease (CDS_0019)
CDS_0008
CDS_0010 CDS_0011
CDS_0015
CDS_0018
CDS_0020
TemPhD_cluster_62098 6385:16970(+)
CDS_0012
CDS_0010
CDS_0014
TemPhD_cluster_33476 5969:15470(+)
CDS_0005
CDS_0007
CDS_0008
CDS_0013
CDS_0015
CDS_0019
TemPhD_cluster_37583_ 4499:15579(+)
CDS_0017
CDS_0015
CDS_0018
IMGVR_UViG_2872102953_000001|2872102953|2872102953|1835342-1877032 10095:19343(+)
CDS_0015 CDS_0016
TemPhD_cluster_26216 8724:17828(+)
CDS_0012 CDS_0013
lipoprotein (CDS_0015)
membrane protein (CDS_0016)
MGV-GENOME-0246098 5960:16148(+)
DNA methyltransferase (CDS_0009)
CDS_0012 CDS_0013
CDS_0018
TemPhD_cluster_33452 5574:16394(+)
phosphoadenosine phosphosulfate reductase (CDS_0032)
CDS_0035
CDS_0033
CDS_0037
HNH endonuclease (CDS_0042)
TemPhD_cluster_35823_ 24196:34892(+)
DNA methyltransferase (CDS_0036)
CDS_0034
CDS_0033
CDS_0038
CDS_0041
TemPhD_cluster_27434 22971:33650(+)
DNA methyltransferase (CDS_0009)
CDS_0012
TemPhD_cluster_51286 5674:15887(+)
CDS_0028
CDS_0031
CDS_0033
TemPhD_cluster_30013 21422:32274(+)
BstA__BstA (CDS_0016)
CDS_0018
CDS_0020
IMGVR_UViG_2648501745_000001|2648501745|2648562944|61286-106768 16316:27001(+)
CDS_0014
transcriptional repressor (CDS_0019)
SAMN01773384_a1_ct9876_vs1 8712:18505(+)
cysH_IV-B_1 (CDS_0012)
CDS_0010
CDS_0009
CDS_0014
TemPhD_cluster_61993 5554:17113(+)
HNH endonuclease (CDS_0034)
cysH_IV-B_1 (CDS_0032)
TemPhD_cluster_27318 22229:33459(+)
CDS_0014
IMGVR_UViG_2775507006_000004|2775507006|2775534463|4022449-4061228 7545:19875(+)
tail fiber protein (CDS_0026)
CDS_0030
CDS_0032
TemPhD_cluster_32541 20736:32546(+)
HNH endonuclease (CDS_0014)
CDS_0012
CDS_0020
TemPhD_cluster_30399 6876:17626(+)
CDS_0035
CDS_0037
CDS_0041
TemPhD_cluster_48994_ 23428:35117(+)
CDS_0036
TemPhD_cluster_35899_ 23413:34623(+)
CDS_0035
TemPhD_cluster_49212 24648:34960(+)
DNA methyltransferase (CDS_0036)
TemPhD_cluster_41398 24174:35057(+)
HNH endonuclease (CDS_0013)
TemPhD_cluster_37621_ 7042:16021(+)
HNH endonuclease (CDS_0016)
CDS_0014
uvig_325022 7803:16834(+)
CDS_0039
CDS_0038
CDS_0037
CDS_0041
IMGVR_UViG_2875658422_000006|2875658422|2875658422|3621027-3664193 24867:35570(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0031)
CDS_0034
TemPhD_cluster_25881 21424:32125(+)
DNA methyltransferase (CDS_0037)
DNA methyltransferase (CDS_0038)
TemPhD_cluster_35969_ 23413:34233(+)
CDS_0035
PD-Lambda-5__PD-Lambda-5_B (CDS_0034)
CDS_0039
TemPhD_cluster_23460_ 24677:33505(+)
anti-repressor (CDS_0030)
CDS_0031
CDS_0032
cysH_IV-B_1 (CDS_0034)
TemPhD_cluster_9038 20560:32208(+)
CDS_0035
TemPhD_cluster_32489 22179:32945(+)
CDS_0034 CDS_0037
TemPhD_cluster_36057 23254:34094(+)
cysH_IV-B_1 (CDS_0036)
TemPhD_cluster_48921_ 24837:35405(+)
cysH_IV-B_1 (CDS_0034)
TemPhD_cluster_48981_ 24196:35257(+)
DNA binding protein (CDS_0031)
CDS_0030
cysH_IV-B_1 (CDS_0035)
TemPhD_cluster_49394 22509:33290(+)
CDS_0035
TemPhD_cluster_29427 24643:34788(+)
CDS_0036
TemPhD_cluster_35977_ 24006:34629(+)
CDS_0036
TemPhD_cluster_18839 23492:33210(+)
CDS_0035
MMB_gp29_gp30__gp29 (CDS_0034)
CDS_0036
CDS_0038
TemPhD_cluster_19758 23341:34458(+)
cysH_IV-B_1 (CDS_0038)
TemPhD_cluster_35728_ 23413:35291(+)
CDS_0036
TemPhD_cluster_20399 22803:34083(+)
UmuD-like protein (CDS_0029)
CDS_0028
CDS_0030
CDS_0034
CDS_0036
IMGVR_UViG_2654587597_000004|2654587597|2654595039|39104-82704 20669:33529(+)
RusA-like Holliday junction resolvase (CDS_0044)
CII-like regulator (CDS_0045)
CDS_0046
DNA primase (CDS_0047)
CDS_0035
CDS_0039
IMGVR_UViG_2630968816_000004|2630968816|2631025466|1-43271 24849:37598(+)
CDS_0017
CDS_0016
CDS_0022
uvig_107360 8310:18821(+)
tail fiber assembly protein (CDS_0034)
structural protein (CDS_0032)
tail fiber protein (CDS_0033)
cysH_IV-B_1 (CDS_0040)
TemPhD_cluster_36106 25003:38310(+)
CDS_0035
TemPhD_cluster_41169 24579:34291(+)
CDS_0036
TemPhD_cluster_35576 23201:33872(+)
CDS_0033
DNA methyltransferase (CDS_0035)
TemPhD_cluster_15102 24482:33278(+)
CDS_0033
TemPhD_cluster_35638_ 24418:34801(+)
CDS_0023
CDS_0026
CDS_0030
TemPhD_cluster_19810 16859:31235(+)
anti-repressor (CDS_0031)
CDS_0032
CDS_0033
TemPhD_cluster_18915 17638:32121(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0040)
CDS_0041
uvig_393307 30453:39943(+)
CDS_0034
PD-Lambda-5__PD-Lambda-5_B (CDS_0038)
CDS_0039
TemPhD_cluster_41636 23746:38417(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0034)
CDS_0035
TemPhD_cluster_29454 23413:32011(+)
PD-Lambda-5__PD-Lambda-5_B (CDS_0033)
CDS_0034
TemPhD_cluster_60497 24536:33142(+)
DNA methyltransferase (CDS_0034)
TemPhD_cluster_41166 24174:32773(+)
CDS_0035
CDS_0037
TemPhD_cluster_41213 23142:32592(+)
CDS_0037 CDS_0038
TemPhD_cluster_35737_ 23353:33451(+)
CDS_0027
cysH_IV-B_1 (CDS_0031)
TemPhD_cluster_60929 17681:31655(+)
CDS_0034 CDS_0035
TemPhD_cluster_18022 22551:34229(+)
CDS_0034
CDS_0032
CDS_0035
TemPhD_cluster_49328 23029:33165(+)
CDS_0032
TemPhD_cluster_32197 23137:32794(+)
CDS_0037 CDS_0038
TemPhD_cluster_40700 24022:35640(+)
CDS_0036 CDS_0037
TemPhD_cluster_60482 22720:34908(+)
CDS_0039
CDS_0037
IMGVR_UViG_2811995134_000002|2811995134|2812074903|1203778-1246874 25153:34126(+)
CDS_0037
TemPhD_cluster_25633 24712:33285(+)
CDS_0036 CDS_0037
TemPhD_cluster_23438_ 24714:33549(+)
CDS_0037
TemPhD_cluster_49015_ 24618:34214(+)
CDS_0035
CDS_0038
CDS_0037
TemPhD_cluster_35890_ 24788:34005(+)
CDS_0031
CDS_0033
TemPhD_cluster_60947 21571:32240(+)
CDS_0033
CDS_0038 CDS_0039
IMGVR_UViG_2663763285_000006|2663763285|2663841289|417271-460549 23915:34224(+)
lipoprotein (CDS_0039)
membrane protein (CDS_0040)
CDS_0045
TemPhD_cluster_41562 23147:37001(+)
lipoprotein (CDS_0036)
membrane protein (CDS_0037)
uvig_576931 20942:30817(+)
lipoprotein (CDS_0037)
membrane protein (CDS_0038)
Retron_VI__HTH (CDS_0044)
TemPhD_cluster_29480 24060:37162(+)
CDS_0001
CDS_0002
excisionase (CDS_0003)
MGV-GENOME-0207465 1:8025(+)
CDS_0002
excisionase (CDS_0003)
uvig_295040 1:9448(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence