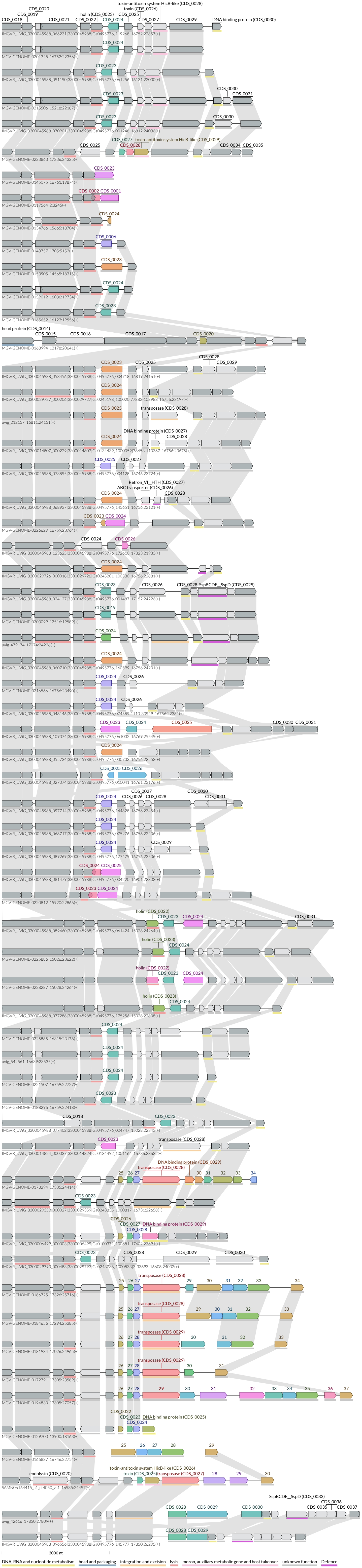
toxin-antitoxin system HicB-like (CDS_0028)
toxin (CDS_0026)
CDS_0020
CDS_0019
CDS_0018
CDS_0021
holin (CDS_0023)
CDS_0022
CDS_0024
CDS_0025
CDS_0027
CDS_0029
DNA binding protein (CDS_0030)
IMGVR_UViG_3300045988_066231|3300045988|Ga0495776_119268 16752:22857(+)
MGV-GENOME-0201748 16752:22356(+)
IMGVR_UViG_3300045988_091190|3300045988|Ga0495776_061256 16131:22030(+)
CDS_0030
CDS_0031
MGV-GENOME-0215506 15218:22187(+)
IMGVR_UViG_3300045988_070901|3300045988|Ga0495776_001248 16812:24036(+)
CDS_0027
toxin-antitoxin system HicB-like (CDS_0029)
CDS_0028
CDS_0034
CDS_0035
MGV-GENOME-0223863 17336:24325(+)
MGV-GENOME-0145075 16761:19874(+)
CDS_0002
CDS_0001
MGV-GENOME-0117564 2:3245(-)
MGV-GENOME-0134766 15665:18704(+)
CDS_0006
MGV-GENOME-0143757 1705:5152(-)
MGV-GENOME-0153905 14565:18315(+)
MGV-GENOME-0159012 16086:19734(+)
MGV-GENOME-0165652 16123:19556(+)
head protein (CDS_0014)
CDS_0015
CDS_0016
CDS_0017
MGV-GENOME-0168994 12178:20641(+)
IMGVR_UViG_3300045988_053456|3300045988|Ga0495776_004718 16819:24161(+)
IMGVR_UViG_3300029727_000206|3300029727|Ga0245198_100020|77883-108988 16756:23197(+)
transposase (CDS_0028)
uvig_212157 16811:24151(+)
DNA binding protein (CDS_0027)
IMGVR_UViG_3300014807_000229|3300014807|Ga0134439_1000059|78453-110367 16756:23675(+)
IMGVR_UViG_3300045988_073895|3300045988|Ga0495776_004128 16746:23724(+)
Retron_VI__HTH (CDS_0027)
ABC transporter (CDS_0026)
IMGVR_UViG_3300045988_068937|3300045988|Ga0495776_145651 16756:23121(+)
MGV-GENOME-0226629 16759:23764(+)
IMGVR_UViG_3300045988_123625|3300045988|Ga0495776_172610 17323:21933(+)
IMGVR_UViG_3300029726_000018|3300029726|Ga0245201_100530 16756:22881(+)
SspBCDE__SspD (CDS_0029)
IMGVR_UViG_3300045988_024127|3300045988|Ga0495776_001487 17152:24226(+)
MGV-GENOME-0203099 12516:19589(+)
uvig_479174 17074:24226(+)
IMGVR_UViG_3300045988_060710|3300045988|Ga0495776_160599 16756:24201(+)
MGV-GENOME-0216566 16756:23490(+)
IMGVR_UViG_3300045988_048146|3300045988|Ga0495776_074589|1110-30949 16756:22381(+)
IMGVR_UViG_3300045988_109374|3300045988|Ga0495776_061032 16769:25549(+)
IMGVR_UViG_3300045988_055734|3300045988|Ga0495776_030733 16756:22552(+)
IMGVR_UViG_3300045988_027074|3300045988|Ga0495776_010041 16761:23176(+)
IMGVR_UViG_3300045988_097714|3300045988|Ga0495776_144828 16756:23454(+)
IMGVR_UViG_3300045988_068717|3300045988|Ga0495776_075276 16756:22406(+)
IMGVR_UViG_3300045988_089269|3300045988|Ga0495776_177479 16756:22506(+)
IMGVR_UViG_3300045988_081479|3300045988|Ga0495776_004220 16901:22803(+)
MGV-GENOME-0220812 15920:22866(+)
holin (CDS_0022)
IMGVR_UViG_3300045988_089460|3300045988|Ga0495776_061424 15028:24264(+)
holin (CDS_0023)
MGV-GENOME-0225886 15026:23622(+)
MGV-GENOME-0228287 15028:24264(+)
IMGVR_UViG_3300045988_077288|3300045988|Ga0495776_175256 15028:22808(+)
MGV-GENOME-0225885 16315:23178(+)
uvig_542561 16639:23535(+)
MGV-GENOME-0221507 16759:22727(+)
MGV-GENOME-0188296 16759:22418(+)
IMGVR_UViG_3300045988_077402|3300045988|Ga0495776_004747 15028:22343(+)
IMGVR_UViG_3300014824_000037|3300014824|Ga0134492_1001164 16736:23632(+)
DNA binding protein (CDS_0029)
transposase (CDS_0028)
25 26 27 30 31 32 33 34
MGV-GENOME-0178294 17335:24414(+)
IMGVR_UViG_3300029359_000027|3300029359|Ga0243835_1000817 16731:22658(+)
CDS_0026
CDS_0027
DNA binding protein (CDS_0029)
CDS_0028
IMGVR_UViG_3300006499_000003|3300006499|Ga0100371_100681 17402:23691(+)
IMGVR_UViG_3300029793_000483|3300029793|Ga0243738_1000833|3-33693 16608:24032(+)
transposase (CDS_0028)
MGV-GENOME-0186725 17326:25716(+)
MGV-GENOME-0184656 17294:25385(+)
transposase (CDS_0029)
MGV-GENOME-0181934 17026:24965(+)
MGV-GENOME-0172791 17305:23589(+)
MGV-GENOME-0194830 17305:27057(+)
CDS_0022
DNA binding protein (CDS_0025)
MGV-GENOME-0129700 13900:18163(+)
MGV-GENOME-0166837 16746:22754(+)
toxin-antitoxin system HicB-like (CDS_0026)
endolysin (CDS_0020)
toxin (CDS_0025)
transposase (CDS_0027)
SAMN06164415_a1_ct4050_vs1 16935:24497(+)
SspBCDE__SspD (CDS_0033)
CDS_0036
CDS_0035
CDS_0037
uvig_42616 17850:27809(+)
IMGVR_UViG_3300045988_096556|3300045988|Ga0495776_145777 17850:26295(+)
3000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
unknown function
Defence