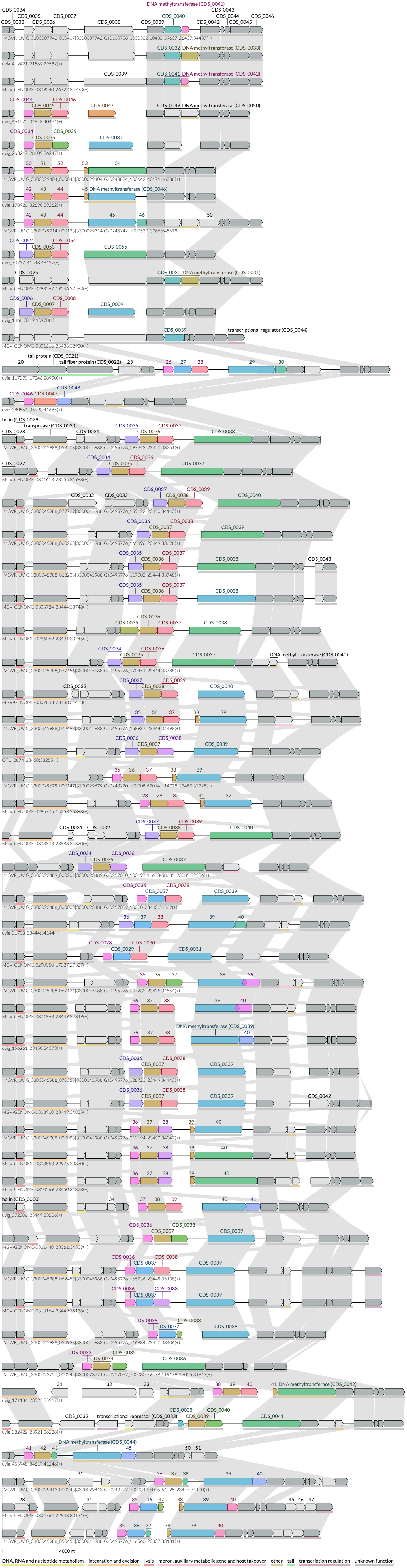
DNA methyltransferase (CDS_0041)
CDS_0034
CDS_0035
CDS_0037
CDS_0033
CDS_0036
CDS_0038
CDS_0039
CDS_0040
CDS_0043
CDS_0044
CDS_0046
CDS_0042
CDS_0045
IMGVR_UViG_3300007742_000407|3300007742|Ga0105758_1000332|10435-59607 26407:34437(+)
CDS_0032
DNA methyltransferase (CDS_0033)
uvig_412421 21569:29582(+)
CDS_0039
CDS_0041
DNA methyltransferase (CDS_0042)
MGV-GENOME-0309040 26722:34733(+)
CDS_0044
CDS_0046
CDS_0045
CDS_0047
CDS_0049
DNA methyltransferase (CDS_0050)
uvig_461075 32843:40461(+)
CDS_0034
CDS_0036
CDS_0035
CDS_0037
uvig_263217 28609:36247(+)
50
51
52
53
54
IMGVR_UViG_3300029404_000048|3300029404|Ga0243824_100642 40171:46738(+)
42
43
44
45
DNA methyltransferase (CDS_0046)
uvig_178926 32690:39262(+)
42
43
44
45
46
50
IMGVR_UViG_3300029714_000173|3300029714|Ga0245242_1000530 37666:45679(+)
CDS_0052
CDS_0054
CDS_0053
CDS_0055
uvig_70737 41548:48127(+)
CDS_0025
CDS_0030
DNA methyltransferase (CDS_0031)
MGV-GENOME-0293567 19546:27583(+)
CDS_0006
CDS_0008
CDS_0007
CDS_0009
uvig_1468 3712:10278(+)
CDS_0039
transcriptional regulator (CDS_0044)
MGV-GENOME-0301616 25436:32900(+)
tail protein (CDS_0021)
20
tail fiber protein (CDS_0022)
23
26
27
28
29
30
uvig_117393 17046:28990(+)
CDS_0048
CDS_0046
CDS_0047
uvig_380564 35993:41685(+)
holin (CDS_0029)
transposase (CDS_0030)
CDS_0028
CDS_0031
CDS_0035
CDS_0037
CDS_0036
CDS_0038
IMGVR_UViG_3300045988_053508|3300045988|Ga0495776_097343 23450:33251(+)
CDS_0034
CDS_0036
CDS_0027
CDS_0035
CDS_0037
MGV-GENOME-0301613 23055:31988(+)
CDS_0037
CDS_0039
CDS_0032
CDS_0033
CDS_0038
CDS_0040
IMGVR_UViG_3300045988_077739|3300045988|Ga0495776_159122 23450:34143(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
IMGVR_UViG_3300045988_060263|3300045988|Ga0495776_165896 23449:33628(+)
CDS_0035
CDS_0037
CDS_0036
CDS_0038
CDS_0043
IMGVR_UViG_3300045988_068203|3300045988|Ga0495776_117002 23444:33748(+)
CDS_0035
CDS_0037
CDS_0036
CDS_0038
MGV-GENOME-0305784 23444:33748(+)
CDS_0036
CDS_0035
CDS_0037
CDS_0038
MGV-GENOME-0296062 23431:33245(+)
CDS_0034
CDS_0036
CDS_0035
CDS_0037
DNA methyltransferase (CDS_0040)
IMGVR_UViG_3300045988_077456|3300045988|Ga0495776_170451 23444:33788(+)
CDS_0037
CDS_0039
CDS_0032
CDS_0038
CDS_0040
MGV-GENOME-0307833 23438:34433(+)
35
36
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39
IMGVR_UViG_3300045988_072493|3300045988|Ga0495776_158987 23444:34498(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
OTU_2874 23450:33255(+)
35
36
37
38
39
IMGVR_UViG_3300029679_000147|3300029679|Ga0243220_100008|67014-114778 23450:32728(+)
28
29
30
31
32
MGV-GENOME-0295705 15253:25398(+)
CDS_0037
CDS_0039
CDS_0031
CDS_0032
CDS_0038
CDS_0040
MGV-GENOME-0308303 23888:34320(+)
CDS_0034
CDS_0036
CDS_0035
CDS_0037
IMGVR_UViG_3300023489_000201|3300023489|Ga0257030_100197|11633-58635 23085:32536(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
IMGVR_UViG_3300023488_000003|3300023488|Ga0257039_10320 23443:34562(+)
36
37
38
39
40
uvig_31708 23444:34144(+)
CDS_0028
CDS_0030
CDS_0029
CDS_0031
MGV-GENOME-0290050 17327:27387(+)
35
36
37
38
39
IMGVR_UViG_3300045988_067121|3300045988|Ga0495776_047232 23429:34564(+)
36
37
38
39
40
MGV-GENOME-0301863 23449:34349(+)
DNA methyltransferase (CDS_0039)
36
37
38
40
uvig_156261 23450:34373(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
IMGVR_UViG_3300045988_070355|3300045988|Ga0495776_028723 23449:34443(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
CDS_0042
MGV-GENOME-0308910 23449:34835(+)
36
37
38
39
40
IMGVR_UViG_3300045988_020086|3300045988|Ga0495776_010194 23450:34347(+)
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37
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39
40
MGV-GENOME-0308853 22975:33870(+)
36
37
38
39
40
MGV-GENOME-0310569 23450:34878(+)
holin (CDS_0030)
34
37
38
39
40
41
uvig_372306 23449:33506(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
MGV-GENOME-0311440 23061:34359(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
IMGVR_UViG_3300045988_062459|3300045988|Ga0495776_165736 23449:35138(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
MGV-GENOME-0313164 23449:35138(+)
CDS_0036
CDS_0038
CDS_0037
CDS_0039
IMGVR_UViG_3300045988_054923|3300045988|Ga0495776_116884 23450:33406(+)
CDS_0033
CDS_0035
CDS_0034
CDS_0036
IMGVR_UViG_3300023721_000245|3300023721|Ga0257062_100080|72539-119179 23055:31813(+)
31
32
33
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41
DNA methyltransferase (CDS_0042)
uvig_171134 23525:35917(+)
CDS_0038
CDS_0040
CDS_0032
transcriptional repressor (CDS_0033)
CDS_0039
CDS_0041
uvig_382422 23921:36288(+)
DNA methyltransferase (CDS_0044)
41
42
43
45
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51
uvig_455948 34617:41246(+)
31
36
37
38
39
40
IMGVR_UViG_3300029413_000243|3300029413|Ga0243792_1000349|6096-54025 23447:34100(+)
28
31
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36
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38
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46
47
MGV-GENOME-0304764 22948:33131(+)
35
36
37
38
39
40
IMGVR_UViG_3300045988_050458|3300045988|Ga0495776_116560 23337:33131(+)
4000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function