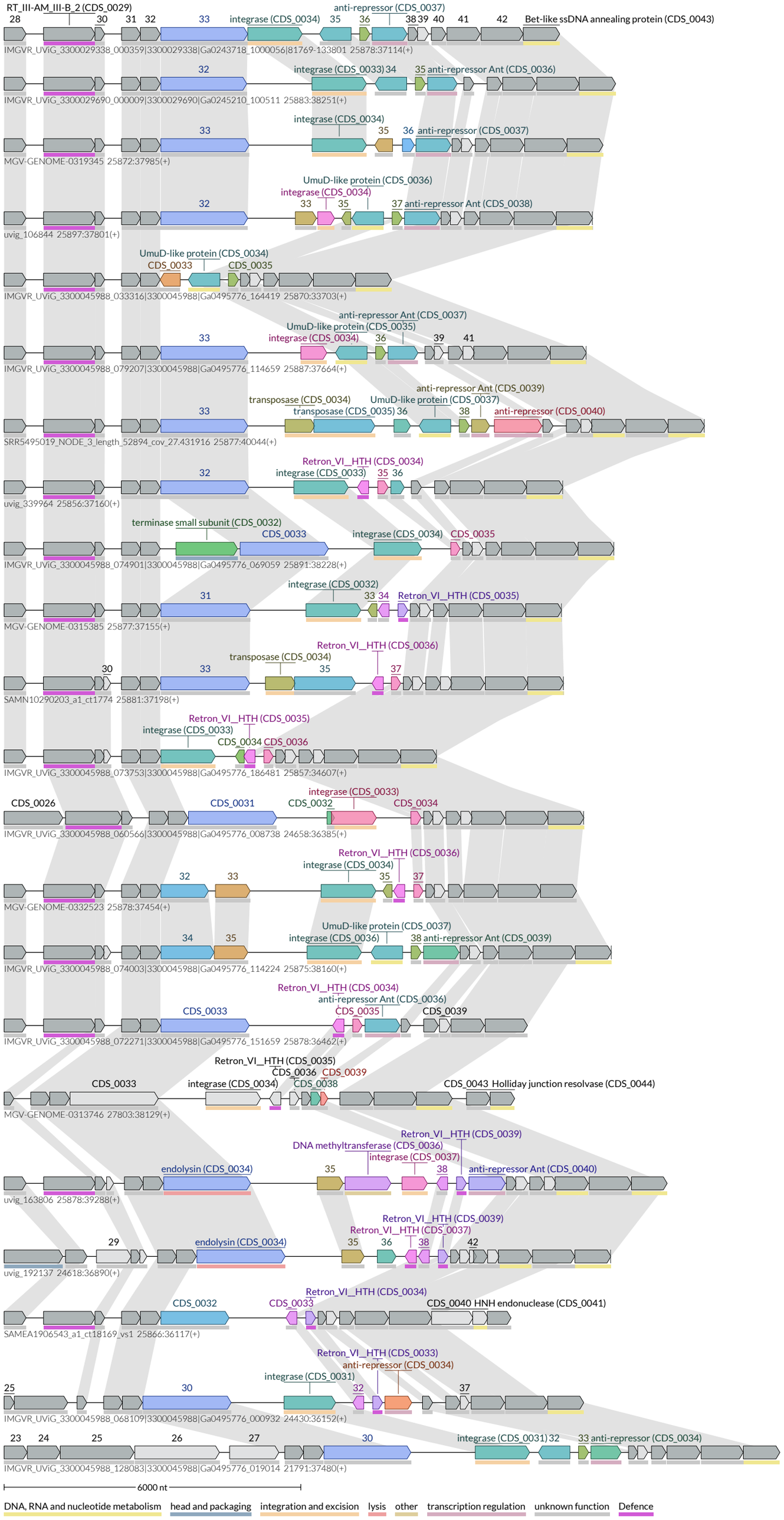
RT_III-AM_III-B_2 (CDS_0029)
28
30
31
32
33
integrase (CDS_0034)
35
anti-repressor (CDS_0037)
36
38
39
40
41
42
Bet-like ssDNA annealing protein (CDS_0043)
IMGVR_UViG_3300029338_000359|3300029338|Ga0243718_1000056|81769-133801 25878:37114(+)
32
integrase (CDS_0033) 34
35 anti-repressor Ant (CDS_0036)
IMGVR_UViG_3300029690_000009|3300029690|Ga0245210_100511 25883:38251(+)
integrase (CDS_0034)
33
35
36 anti-repressor (CDS_0037)
MGV-GENOME-0319345 25872:37985(+)
UmuD-like protein (CDS_0036)
integrase (CDS_0034)
32
33
35
37 anti-repressor Ant (CDS_0038)
uvig_106844 25897:37801(+)
UmuD-like protein (CDS_0034)
CDS_0033
CDS_0035
IMGVR_UViG_3300045988_033316|3300045988|Ga0495776_164419 25870:33703(+)
anti-repressor Ant (CDS_0037)
UmuD-like protein (CDS_0035)
33
integrase (CDS_0034)
36
39
41
IMGVR_UViG_3300045988_079207|3300045988|Ga0495776_114659 25887:37664(+)
anti-repressor Ant (CDS_0039)
transposase (CDS_0034)
UmuD-like protein (CDS_0037)
33
transposase (CDS_0035) 36
38
anti-repressor (CDS_0040)
SRR5495019_NODE_3_length_52894_cov_27.431916 25877:40044(+)
Retron_VI__HTH (CDS_0034)
32
integrase (CDS_0033)
35
36
uvig_339964 25856:37160(+)
terminase small subunit (CDS_0032)
CDS_0033
integrase (CDS_0034)
CDS_0035
IMGVR_UViG_3300045988_074901|3300045988|Ga0495776_069059 25891:38228(+)
integrase (CDS_0032)
31
33
34
Retron_VI__HTH (CDS_0035)
MGV-GENOME-0315385 25877:37155(+)
Retron_VI__HTH (CDS_0036)
transposase (CDS_0034)
30
33
35
37
SAMN10290203_a1_ct1774 25881:37198(+)
Retron_VI__HTH (CDS_0035)
integrase (CDS_0033)
CDS_0034
CDS_0036
IMGVR_UViG_3300045988_073753|3300045988|Ga0495776_186481 25857:34607(+)
integrase (CDS_0033)
CDS_0026
CDS_0031
CDS_0032
CDS_0034
IMGVR_UViG_3300045988_060566|3300045988|Ga0495776_008738 24658:36385(+)
Retron_VI__HTH (CDS_0036)
integrase (CDS_0034)
32
33
35
37
MGV-GENOME-0332523 25878:37454(+)
UmuD-like protein (CDS_0037)
34
35
integrase (CDS_0036)
38 anti-repressor Ant (CDS_0039)
IMGVR_UViG_3300045988_074003|3300045988|Ga0495776_114224 25875:38160(+)
Retron_VI__HTH (CDS_0034)
anti-repressor Ant (CDS_0036)
CDS_0033
CDS_0035
CDS_0039
IMGVR_UViG_3300045988_072271|3300045988|Ga0495776_151659 25878:36462(+)
Retron_VI__HTH (CDS_0035)
CDS_0036
CDS_0039
CDS_0033
integrase (CDS_0034)
CDS_0038
CDS_0043 Holliday junction resolvase (CDS_0044)
MGV-GENOME-0313746 27803:38129(+)
Retron_VI__HTH (CDS_0039)
DNA methyltransferase (CDS_0036)
integrase (CDS_0037)
endolysin (CDS_0034)
35
38
anti-repressor Ant (CDS_0040)
uvig_163806 25878:39288(+)
Retron_VI__HTH (CDS_0039)
Retron_VI__HTH (CDS_0037)
29
endolysin (CDS_0034)
35
36
38
42
uvig_192137 24618:36890(+)
Retron_VI__HTH (CDS_0034)
CDS_0032
CDS_0033
CDS_0040 HNH endonuclease (CDS_0041)
SAMEA1906543_a1_ct18169_vs1 25866:36117(+)
Retron_VI__HTH (CDS_0033)
anti-repressor (CDS_0034)
integrase (CDS_0031)
25
30
32
37
IMGVR_UViG_3300045988_068109|3300045988|Ga0495776_000932 24430:36152(+)
23
24
25
26
27
30
integrase (CDS_0031) 32
33 anti-repressor (CDS_0034)
IMGVR_UViG_3300045988_128083|3300045988|Ga0495776_019014 21791:37480(+)
6000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
other
transcription regulation
unknown function
Defence