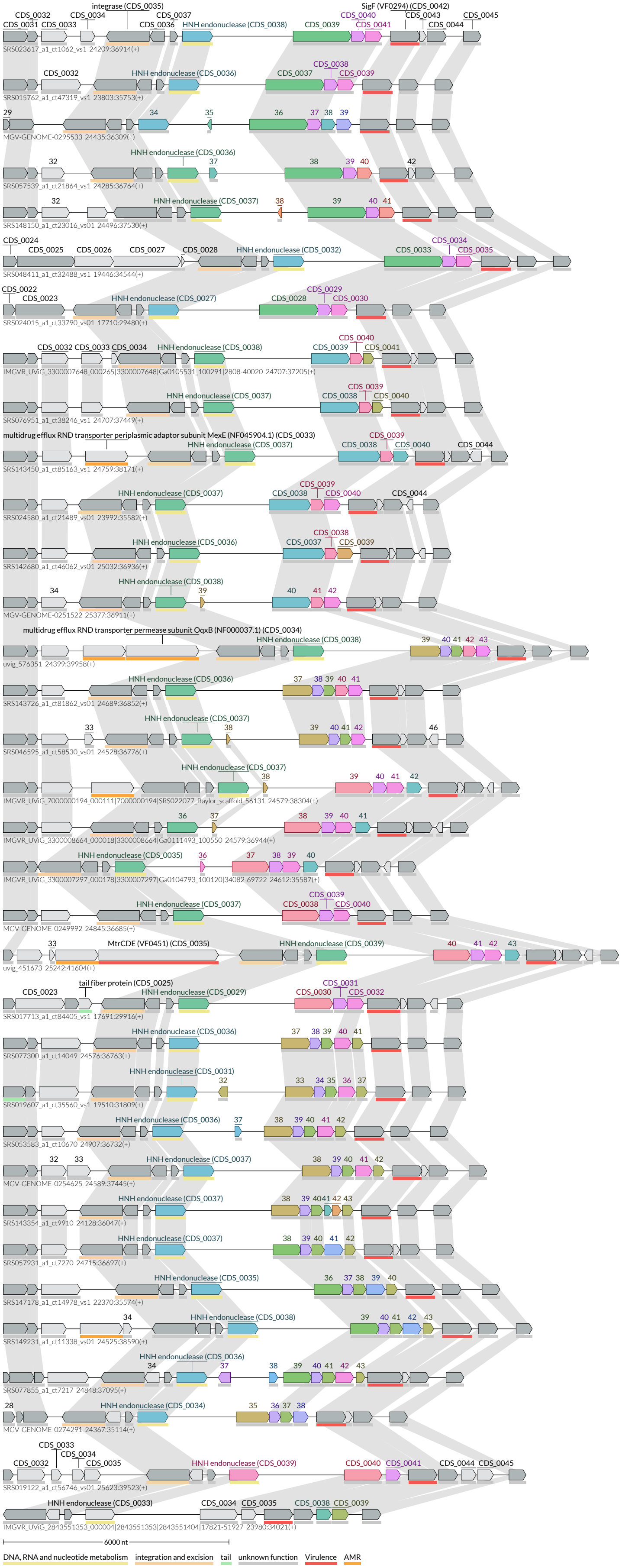
integrase (CDS_0035)
SigF (VF0294) (CDS_0042)
CDS_0032
CDS_0034
CDS_0037
CDS_0040
CDS_0043
CDS_0045
CDS_0031
CDS_0033
CDS_0036
HNH endonuclease (CDS_0038)
CDS_0039
CDS_0041
CDS_0044
SRS023617_a1_ct1062_vs1 24209:36914(+)
CDS_0038
CDS_0032
HNH endonuclease (CDS_0036)
CDS_0037
CDS_0039
SRS015762_a1_ct47319_vs1 23803:35753(+)
29
34
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36
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39
MGV-GENOME-0295533 24435:36309(+)
HNH endonuclease (CDS_0036)
32
37
38
39
40
42
SRS057539_a1_ct21864_vs1 24285:36764(+)
32
HNH endonuclease (CDS_0037)
38
39
40
41
SRS148150_a1_ct23016_vs01 24496:37530(+)
CDS_0024
CDS_0025
CDS_0026
CDS_0027
CDS_0028
HNH endonuclease (CDS_0032)
CDS_0034
CDS_0033
CDS_0035
SRS048411_a1_ct32488_vs1 19446:34544(+)
CDS_0022
CDS_0023
HNH endonuclease (CDS_0027)
CDS_0029
CDS_0028
CDS_0030
SRS024015_a1_ct33790_vs01 17710:29480(+)
CDS_0040
CDS_0032
CDS_0033
CDS_0034
HNH endonuclease (CDS_0038)
CDS_0039
CDS_0041
IMGVR_UViG_3300007648_000265|3300007648|Ga0105531_100291|2808-40020 24707:37205(+)
CDS_0039
HNH endonuclease (CDS_0037)
CDS_0038
CDS_0040
SRS076951_a1_ct38246_vs1 24707:37449(+)
multidrug efflux RND transporter periplasmic adaptor subunit MexE (NF045904.1) (CDS_0033)
CDS_0039
HNH endonuclease (CDS_0037)
CDS_0038
CDS_0040
CDS_0044
SRS143450_a1_ct85163_vs1 24759:38171(+)
CDS_0039
HNH endonuclease (CDS_0037)
CDS_0038
CDS_0040
CDS_0044
SRS024580_a1_ct21489_vs01 23992:35582(+)
CDS_0038
HNH endonuclease (CDS_0036)
CDS_0037
CDS_0039
SRS142680_a1_ct46062_vs01 25032:36936(+)
HNH endonuclease (CDS_0038)
34
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42
MGV-GENOME-0251522 25377:36911(+)
multidrug efflux RND transporter permease subunit OqxB (NF000037.1) (CDS_0034)
HNH endonuclease (CDS_0038)
39
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41
42
43
uvig_576351 24399:39958(+)
HNH endonuclease (CDS_0036)
37
38
39
40
41
SRS143726_a1_ct81862_vs01 24689:36852(+)
HNH endonuclease (CDS_0037)
33
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39
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41
42
46
SRS046595_a1_ct58530_vs01 24528:36776(+)
HNH endonuclease (CDS_0037)
38
39
40
41
42
IMGVR_UViG_7000000194_000111|7000000194|SRS022077_Baylor_scaffold_56131 24579:38304(+)
36
37
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41
IMGVR_UViG_3300008664_000018|3300008664|Ga0111493_100550 24579:36944(+)
HNH endonuclease (CDS_0035)
36
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IMGVR_UViG_3300007297_000178|3300007297|Ga0104793_100120|34082-69722 24612:35587(+)
CDS_0039
HNH endonuclease (CDS_0037)
CDS_0038
CDS_0040
MGV-GENOME-0249992 24845:36685(+)
33
MtrCDE (VF0451) (CDS_0035)
HNH endonuclease (CDS_0039)
40
41
42
43
uvig_451673 25242:41604(+)
tail fiber protein (CDS_0025)
CDS_0031
CDS_0023
HNH endonuclease (CDS_0029)
CDS_0030
CDS_0032
SRS017713_a1_ct84405_vs1 17691:29916(+)
HNH endonuclease (CDS_0036)
37
38
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41
SRS077300_a1_ct14049 24576:36763(+)
HNH endonuclease (CDS_0031)
32
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SRS019607_a1_ct35560_vs1 19510:31809(+)
HNH endonuclease (CDS_0036)
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SRS053583_a1_ct10670 24907:36732(+)
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HNH endonuclease (CDS_0037)
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MGV-GENOME-0254625 24589:37445(+)
HNH endonuclease (CDS_0037)
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43
SRS143354_a1_ct9910 24128:36047(+)
HNH endonuclease (CDS_0037)
38
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42
SRS057931_a1_ct7270 24715:36697(+)
HNH endonuclease (CDS_0035)
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SRS147178_a1_ct14978_vs1 22370:35574(+)
34
HNH endonuclease (CDS_0038)
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SRS149231_a1_ct11338_vs01 24525:38590(+)
HNH endonuclease (CDS_0036)
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SRS077855_a1_ct7217 24848:37095(+)
28
HNH endonuclease (CDS_0034)
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MGV-GENOME-0274291 24367:35114(+)
CDS_0033
CDS_0034
CDS_0032
CDS_0035
HNH endonuclease (CDS_0039)
CDS_0040
CDS_0041
CDS_0044
CDS_0045
SRS019122_a1_ct56746_vs01 25623:39523(+)
HNH endonuclease (CDS_0033)
CDS_0034
CDS_0035
CDS_0038
CDS_0039
IMGVR_UViG_2843551353_000004|2843551353|2843551404|17821-51927 23980:34021(+)
6000 nt
DNA, RNA and nucleotide metabolism
integration and excision
tail
unknown function
Virulence
AMR