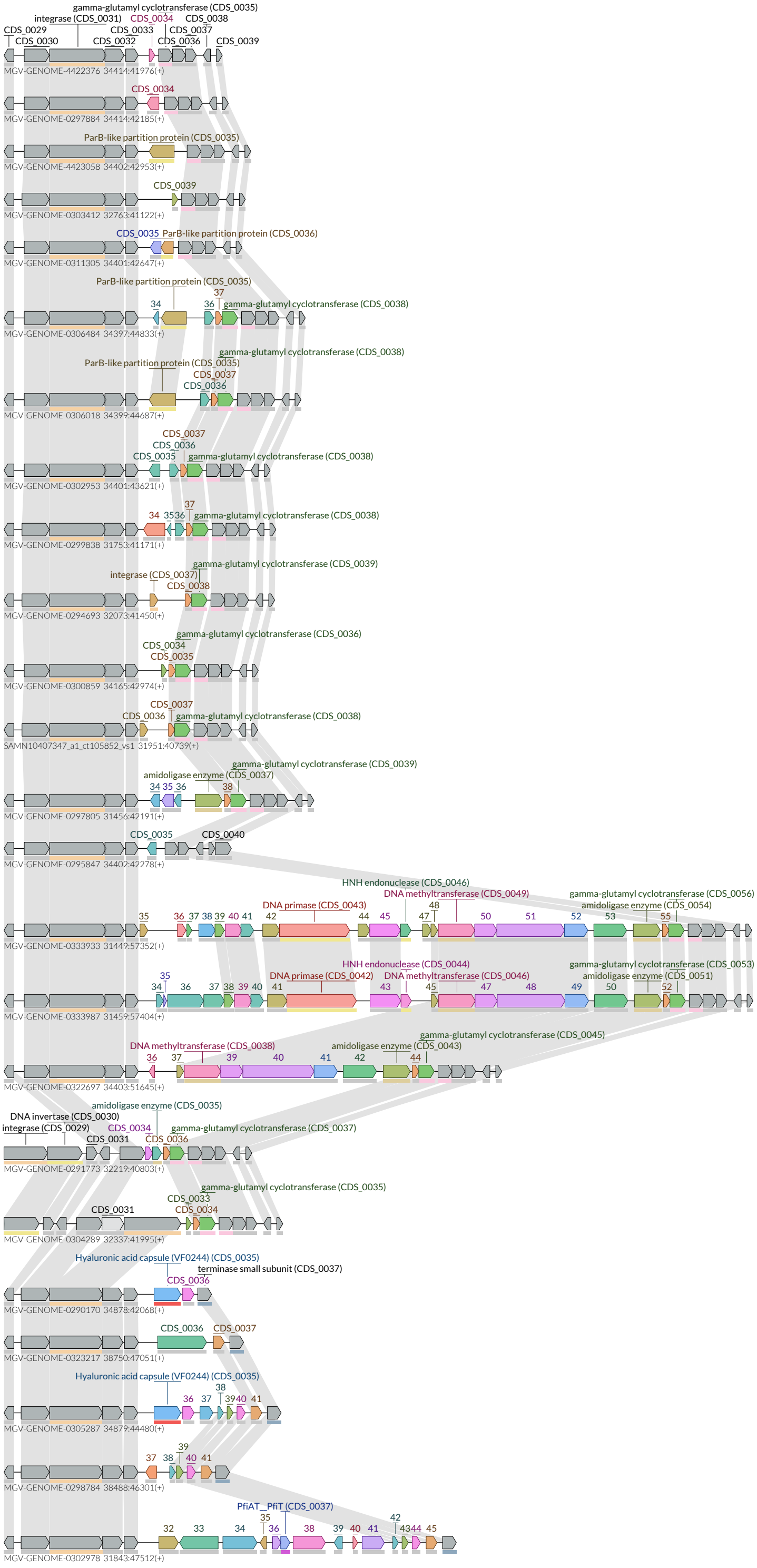
gamma-glutamyl cyclotransferase (CDS_0035)
integrase (CDS_0031)
CDS_0034
CDS_0038
CDS_0029
CDS_0033
CDS_0037
CDS_0030
CDS_0032
CDS_0036
CDS_0039
MGV-GENOME-4422376 34414:41976(+)
CDS_0034
MGV-GENOME-0297884 34414:42185(+)
ParB-like partition protein (CDS_0035)
MGV-GENOME-4423058 34402:42953(+)
CDS_0039
MGV-GENOME-0303412 32763:41122(+)
CDS_0035
ParB-like partition protein (CDS_0036)
MGV-GENOME-0311305 34401:42647(+)
ParB-like partition protein (CDS_0035)
37
34
36
gamma-glutamyl cyclotransferase (CDS_0038)
MGV-GENOME-0306484 34397:44833(+)
gamma-glutamyl cyclotransferase (CDS_0038)
ParB-like partition protein (CDS_0035)
CDS_0037
CDS_0036
MGV-GENOME-0306018 34399:44687(+)
CDS_0037
CDS_0036
CDS_0035
gamma-glutamyl cyclotransferase (CDS_0038)
MGV-GENOME-0302953 34401:43621(+)
37
34
3536
gamma-glutamyl cyclotransferase (CDS_0038)
MGV-GENOME-0299838 31753:41171(+)
gamma-glutamyl cyclotransferase (CDS_0039)
integrase (CDS_0037)
CDS_0038
MGV-GENOME-0294693 32073:41450(+)
gamma-glutamyl cyclotransferase (CDS_0036)
CDS_0034
CDS_0035
MGV-GENOME-0300859 34165:42974(+)
CDS_0037
CDS_0036
gamma-glutamyl cyclotransferase (CDS_0038)
SAMN10407347_a1_ct105852_vs1 31951:40739(+)
gamma-glutamyl cyclotransferase (CDS_0039)
amidoligase enzyme (CDS_0037)
34
35
36
38
MGV-GENOME-0297805 31456:42191(+)
CDS_0035
CDS_0040
MGV-GENOME-0295847 34402:42278(+)
HNH endonuclease (CDS_0046)
DNA methyltransferase (CDS_0049)
gamma-glutamyl cyclotransferase (CDS_0056)
amidoligase enzyme (CDS_0054)
DNA primase (CDS_0043)
48
35
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53
55
MGV-GENOME-0333933 31449:57352(+)
HNH endonuclease (CDS_0044)
gamma-glutamyl cyclotransferase (CDS_0053)
amidoligase enzyme (CDS_0051)
DNA primase (CDS_0042)
DNA methyltransferase (CDS_0046)
35
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52
MGV-GENOME-0333987 31459:57404(+)
gamma-glutamyl cyclotransferase (CDS_0045)
DNA methyltransferase (CDS_0038)
amidoligase enzyme (CDS_0043)
36
37
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42
44
MGV-GENOME-0322697 34403:51645(+)
amidoligase enzyme (CDS_0035)
DNA invertase (CDS_0030)
integrase (CDS_0029)
CDS_0034
gamma-glutamyl cyclotransferase (CDS_0037)
CDS_0031
CDS_0036
MGV-GENOME-0291773 32219:40803(+)
gamma-glutamyl cyclotransferase (CDS_0035)
CDS_0033
CDS_0031
CDS_0034
MGV-GENOME-0304289 32337:41995(+)
Hyaluronic acid capsule (VF0244) (CDS_0035)
terminase small subunit (CDS_0037)
CDS_0036
MGV-GENOME-0290170 34878:42068(+)
CDS_0036
CDS_0037
MGV-GENOME-0323217 38750:47051(+)
Hyaluronic acid capsule (VF0244) (CDS_0035)
38
36
37
3940
41
MGV-GENOME-0305287 34879:44480(+)
39
37
38
40
41
MGV-GENOME-0298784 38488:46301(+)
PfiAT__PfiT (CDS_0037)
35
42
32
33
34
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41
4344
45
MGV-GENOME-0302978 31843:47512(+)
10000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence
Virulence