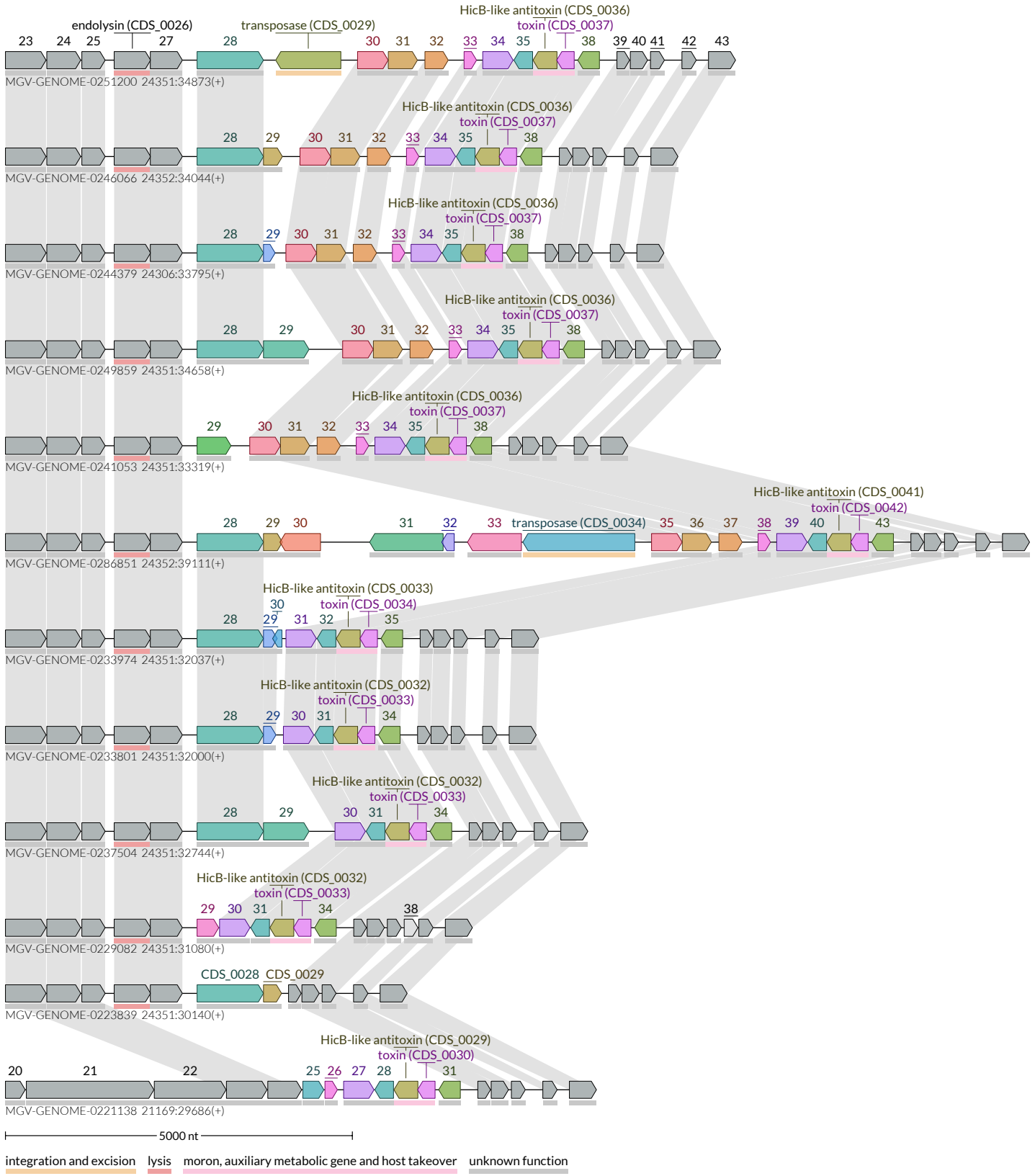
endolysin (CDS_0026)
transposase (CDS_0029)
HicB-like antitoxin (CDS_0036)
toxin (CDS_0037)
23 24 25 27 28 30 31 32 33 34 35 38 39 40 41 42 43
MGV-GENOME-0251200 24351:34873(+)
HicB-like antitoxin (CDS_0036)
toxin (CDS_0037)
28 29 30 31 32 33 34 35 38
MGV-GENOME-0246066 24352:34044(+)
HicB-like antitoxin (CDS_0036)
toxin (CDS_0037)
28 29 30 31 32 33 34 35 38
MGV-GENOME-0244379 24306:33795(+)
HicB-like antitoxin (CDS_0036)
toxin (CDS_0037)
28 29 30 31 32 33 34 35 38
MGV-GENOME-0249859 24351:34658(+)
HicB-like antitoxin (CDS_0036)
toxin (CDS_0037)
29 30 31 32 33 34 35 38
MGV-GENOME-0241053 24351:33319(+)
HicB-like antitoxin (CDS_0041)
toxin (CDS_0042)
28 29 30 31 32 33 transposase (CDS_0034) 35 36 37 38 39 40 43
MGV-GENOME-0286851 24352:39111(+)
HicB-like antitoxin (CDS_0033)
toxin (CDS_0034)
28 29 30 31 32 35
MGV-GENOME-0233974 24351:32037(+)
HicB-like antitoxin (CDS_0032)
toxin (CDS_0033)
28 29 30 31 34
MGV-GENOME-0233801 24351:32000(+)
HicB-like antitoxin (CDS_0032)
toxin (CDS_0033)
28 29 30 31 34
MGV-GENOME-0237504 24351:32744(+)
HicB-like antitoxin (CDS_0032)
toxin (CDS_0033)
29 30 31 34 38
MGV-GENOME-0229082 24351:31080(+)
CDS_0028 CDS_0029
MGV-GENOME-0223839 24351:30140(+)
HicB-like antitoxin (CDS_0029)
toxin (CDS_0030)
20 21 22 25 26 27 28 31
MGV-GENOME-0221138 21169:29686(+)
5000 nt
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
unknown function