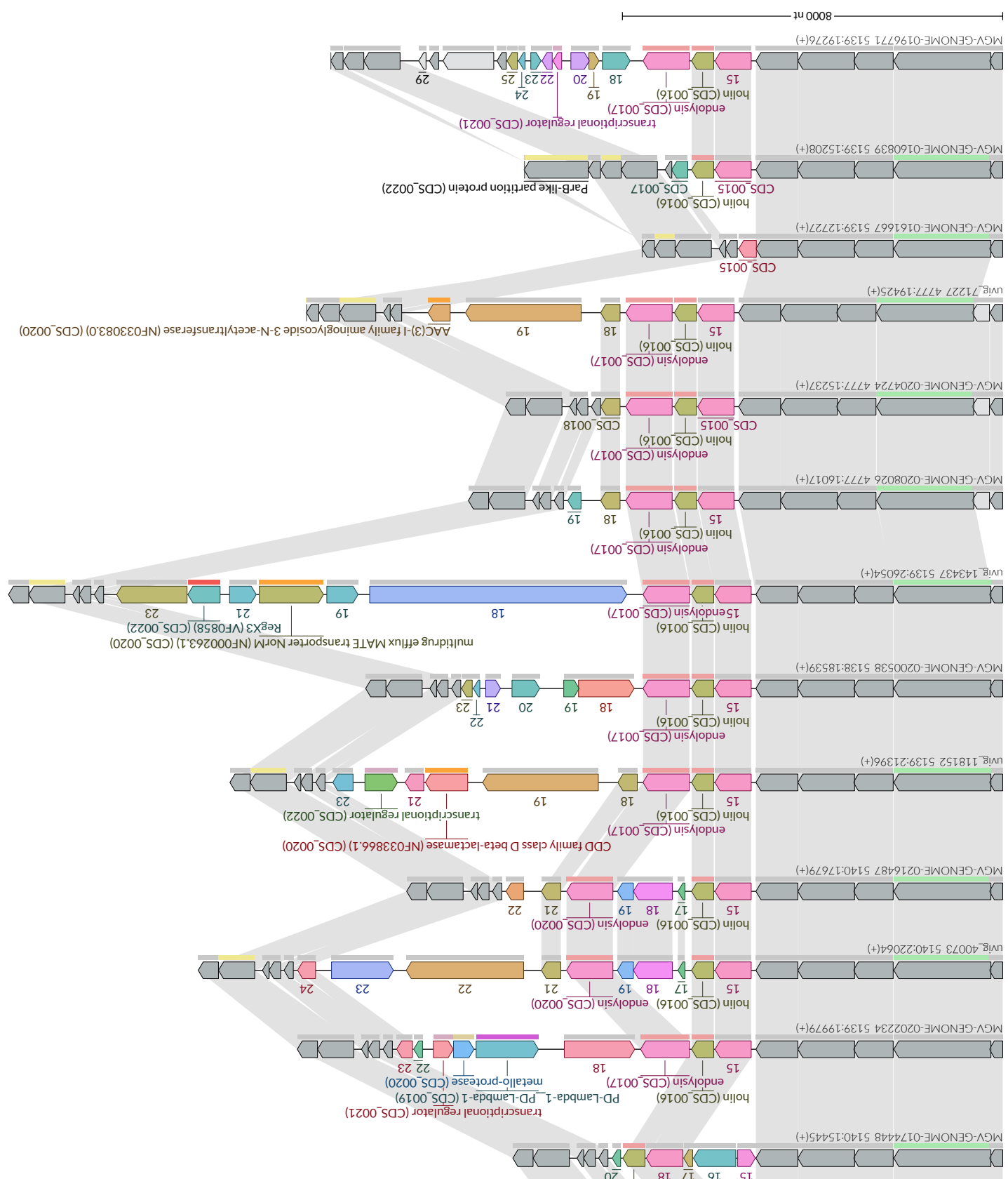
8000 nt
DNA, RNA and nucleotide metabolism
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence
AMR


MGV-GENOME-0196771 5139:19276(+)
holin (CDS_0016)
endolysin (CDS_0017)
transcriptional regulator (CDS_0021)
MGV-GENOME-0160839 5139:15208(+)
holin (CDS_0016)
CDS_0015
CDS_0017
ParB-like partition protein (CDS_0022)
MGV-GENOME-0161667 5139:12727(+)
CDS_0015
uvig_71227 4777:19425(+)
holin (CDS_0016)
endolysin (CDS_0017)
AAC(3)-I family aminoglycoside 3-N-acetyltransferase (NF033083.0) (CDS_0020)
MGV-GENOME-0204724 4777:15237(+)
holin (CDS_0016)
endolysin (CDS_0017)
CDS_0015
CDS_0018
MGV-GENOME-0208026 4777:16017(+)
holin (CDS_0016)
endolysin (CDS_0017)
uvig_143437 5139:26054(+)
holin (CDS_0016)
endolysin (CDS_0017)
multidrug efflux MATE transporter NorM (NF000263.1) (CDS_0020)
RegX3 (VF0858) (CDS_0022)
MGV-GENOME-0200538 5138:18539(+)
holin (CDS_0016)
endolysin (CDS_0017)
uvig_118152 5139:21396(+)
holin (CDS_0016)
endolysin (CDS_0017)
transcriptional regulator (CDS_0022)
CDD family class D beta-lactamase (NF033866.1) (CDS_0020)
MGV-GENOME-0216487 5140:17679(+)
holin (CDS_0016)
endolysin (CDS_0020)
MGV-GENOME-0202234 5139:19979(+)
holin (CDS_0016)
endolysin (CDS_0017)
PD-Lambda-1_PD-Lambda-1 (CDS_0019)
metallo-protease (CDS_0020)
transcriptional regulator (CDS_0021)
MGV-GENOME-0174448 5140:15445(+)
holin (CDS_0019)
MGV-GENOME-0158824 5139:14219(+)
CDS_0015
CDS_0017
holin (CDS_0016)
MGV-GENOME-0215394 5139:16173(+)
holin (CDS_0016)
endolysin (CDS_0017)
MGV-GENOME-0173433 5140:14072(+)
CDS_0015
holin (CDS_0016)
CDS_0017
MGV-GENOME-0175423 5139:14342(+)
CDS_0015
holin (CDS_0016)
CDS_0017
MGV-GENOME-0184401 5139:16953(+)
15endolysin (CDS_0017) 18
holin (CDS_0016)
uvig_14705 5100:15176(+)
holin (CDS_0016)
endolysin (CDS_0017)
MGV-GENOME-0153590 5139:12579(+)
CDS_0015
MGV-GENOME-0228984 5139:12888(+)
CDS_0015
MGV-GENOME-0162648 5139:13781(+)
CDS_0015
CDS_0016
uvig_208415 5139:14958(+)
CDS_0015
CDS_0016
MGV-GENOME-0184242 5141:15304(+)
holin (CDS_0016)
CDS_0015
endolysin (CDS_0017)
MGV-GENOME-0178036 4777:15501(+)
MGV-GENOME-0186778 4778:16089(+)
toxin-antitoxin system HicB-like (CDS_0022)
17toxin (CDS_0021)
endolysin (CDS_0023)
MGV-GENOME-0251161 4212:13959(+)
PD-Lambda-1_PD-Lambda-1 (CDS_0013)
MGV-GENOME-0141314 4212:11044(+)
major tail protein (CDS_0008)
CDS_0010
CDS_0013
MGV-GENOME-0163341 4778:13664(+)
tail length tape measure protein (CDS_0011)
CDS_0009
CDS_0010
CDS_0012
CDS_0013
CDS_0014
CDS_0015
CDS_0016
CDS_0017
CDS_0018
CDS_0019
CDS_0020
CDS_0021
CDS_0022
uvig_428141 5139:23738(+)
holin (CDS_0018)
endolysin (CDS_0017)
FS_Sma_Sma (CDS_0023)
Retron_VI_HTH (CDS_0020)
anti-repressor (CDS_0021)
MGV-GENOME-0206821 5141:18567(+)
endolysin (CDS_0017)
holin (CDS_0016)
MGV-GENOME-0255061 5139:17251(+)
holin (CDS_0016)
endolysin (CDS_0017)
MGV-GENOME-0186656 5139:16885(+)
holin (CDS_0016)
endolysin (CDS_0017)
MGV-GENOME-0186614 5140:15575(+)
holin (CDS_0016)
uvig_179364 5139:21841(+)
holin (CDS_0016)
15endolysin (CDS_0017) 18
transcriptional regulator (CDS_0023)
PD-Lambda-1_PD-Lambda-1 (CDS_0021)
endolysin (CDS_0017)
holin (CDS_0016)
uvig_246461 5139:22425(+)
holin (CDS_0016)
endolysin (CDS_0017)
PD-Lambda-1_PD-Lambda-1 (CDS_0021)
transcriptional regulator (CDS_0023)
IMGVR_UViG_330002933|330002933|Ga0243718_1000092|82236-111959 5139:21336(+)
endolysin (CDS_0017)
PD-Lambda-1_PD-Lambda-1 (CDS_0020)
IMGVR_UViG_330001479|330001479|Ga0134377_1000298|15329-48085 5140:22216(+)
endolysin (CDS_0017)
PD-Lambda-1_PD-Lambda-1 (CDS_0021)
transcriptional regulator (CDS_0023)
uvig_131389 5140:22535(+)
holin (CDS_0019)
endolysin (CDS_0020)
PD-Lambda-1_PD-Lambda-1 (CDS_0022)
transcriptional regulator (CDS_0024)
uvig_183665 5100:21033(+)
holin (CDS_0016)
endolysin (CDS_0017)
PD-Lambda-1_PD-Lambda-1 (CDS_0022)
metallo-protease (CDS_0023)
transcriptional regulator (CDS_0024)
transcriptional regulator (CDS_0025)
IMGVR_UViG_330002931|330002931|Ga0242753_1001151|8082-42123 4778:25093(+)
endolysin (CDS_0017)
PD-Lambda-1_PD-Lambda-1 (CDS_0021)
transcriptional regulator (CDS_0023)
uvig_43134 4778:25760(+)
holin (CDS_0016)
endolysin (CDS_0017)
IMGVR_UViG_330000631|330000631|Ga0099626_1006037 4818:22641(+)
15endolysin (CDS_0017) 18
holin (CDS_0016)
metallo-protease (CDS_0020)
PD-Lambda-1_PD-Lambda-1 (CDS_0019)
transcriptional regulator (CDS_0021)
MGV-GENOME-0198495 4818:17995(+)
holin (CDS_0016)
15endolysin (CDS_0017) 19 21 23 24
transcriptional regulator (CDS_0018)
MGV-GENOME-0203046 4818:18797(+)
holin (CDS_0016)
15endolysin (CDS_0017) 18 19 20 21 22
PD-Lambda-1_PD-Lambda-1 (CDS_0015)
metallo-protease (CDS_0016)
MGV-GENOME-0195824 5139:14219(+)
CDS_0015
CDS_0017
holin (CDS_0016)
MGV-GENOME-0215394 5139:16173(+)
holin (CDS_0016)
endolysin (CDS_0017)
MGV-GENOME-0173433 5140:14072(+)
CDS_0015
holin (CDS_0016)
CDS_0017
MGV-GENOME-0175423 5139:14342(+)
CDS_0015
holin (CDS_0016)
CDS_0017
MGV-GENOME-0184401 5139:16953(+)
holin (CDS_0016)
15endolysin (CDS_0017) 18
19
uvig_14705 5100:15176(+)
endolysin (CDS_0017)
holin (CDS_0016)
MGV-GENOME-0153590 5139:12579(+)
CDS_0015
MGV-GENOME-0228984 5139:12888(+)
CDS_0015
MGV-GENOME-0162648 5139:13781(+)
CDS_0015
CDS_0016
uvig_208415 5139:14958(+)
CDS_0015
CDS_0016
MGV-GENOME-0184242 5141:15304(+)
holin (CDS_0016)
CDS_0015
endolysin (CDS_0017)
MGV-GENOME-0178036 4777:15501(+)
MGV-GENOME-0186778 4778:16089(+)
toxin-antitoxin system HicB-like (CDS_0022)
17toxin (CDS_0021)
endolysin (CDS_0023)
MGV-GENOME-0251161 4212:13959(+)
PD-Lambda-1_PD-Lambda-1 (CDS_0013)
MGV-GENOME-0141314 4212:11044(+)
major tail protein (CDS_0008)
CDS_0010
CDS_0013
MGV-GENOME-0163341 4778:13664(+)
tail length tape measure protein (CDS_0011)
CDS_0009
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CDS_0016
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CDS_0021
CDS_0022