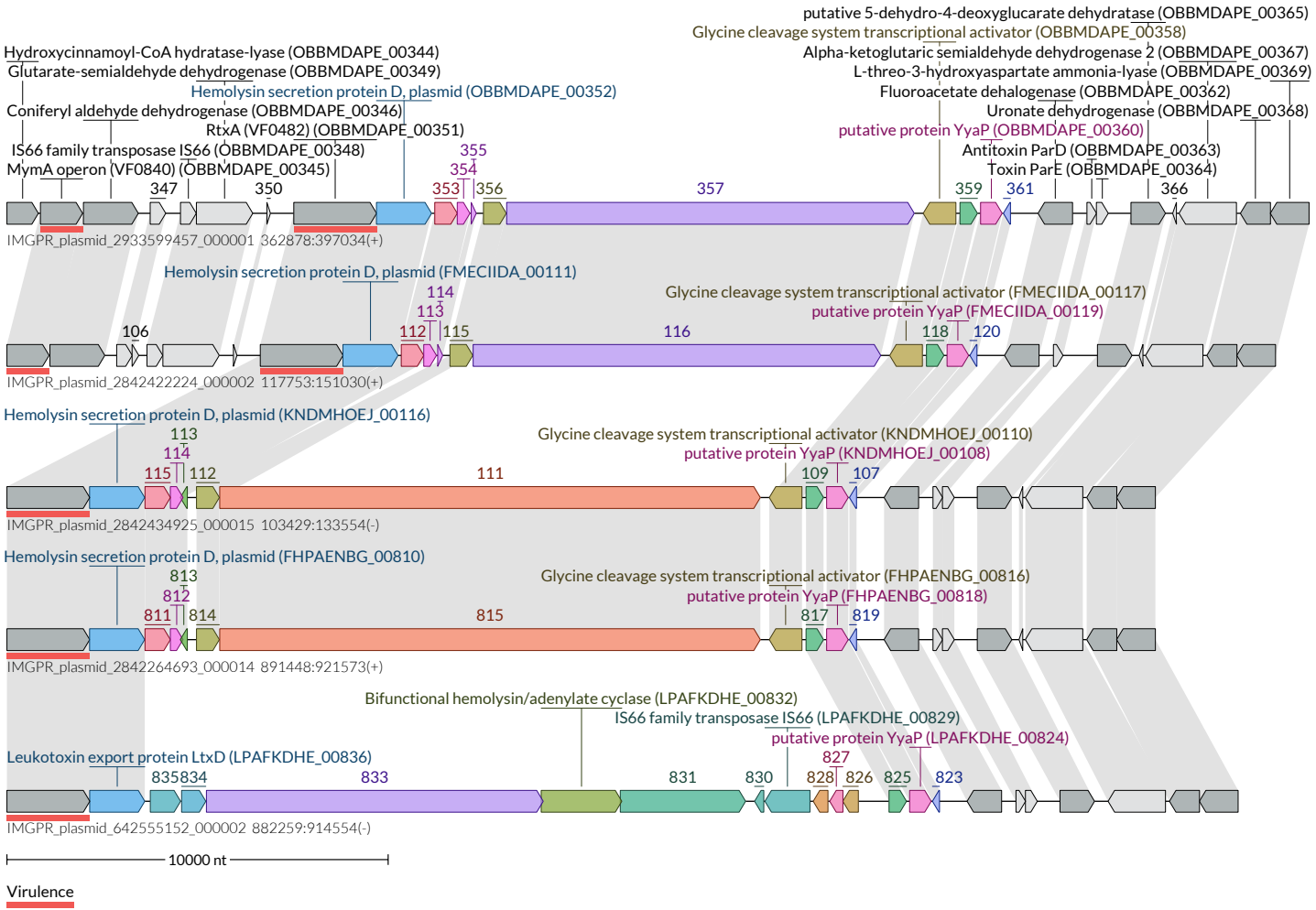
putative 5-dehydro-4-deoxyglucarate dehydratase (OBBMDAPE_00365)
Glycine cleavage system transcriptional activator (OBBMDAPE_00358)
Hydroxycinnamoyl-CoA hydratase-lyase (OBBMDAPE_00344)
Alpha-ketoglutaric semialdehyde dehydrogenase 2 (OBBMDAPE_00367)
Glutarate-semialdehyde dehydrogenase (OBBMDAPE_00349)
L-threo-3-hydroxyaspartate ammonia-lyase (OBBMDAPE_00369)
Hemolysin secretion protein D, plasmid (OBBMDAPE_00352)
Fluoroacetate dehalogenase (OBBMDAPE_00362)
Coniferyl aldehyde dehydrogenase (OBBMDAPE_00346)
Uronate dehydrogenase (OBBMDAPE_00368)
RtxA (VF0482) (OBBMDAPE_00351)
putative protein YyaP (OBBMDAPE_00360)
IS66 family transposase IS66 (OBBMDAPE_00348)
Antitoxin ParD (OBBMDAPE_00363)
MymA operon (VF0840) (OBBMDAPE_00345)
Toxin ParE (OBBMDAPE_00364)
347
350
353
354
355
356
357
359
361
366
IMGPR_plasmid_2933599457_000001 362878:397034(+)
Hemolysin secretion protein D, plasmid (FMECIIDA_00111)
Glycine cleavage system transcriptional activator (FMECIIDA_00117)
putative protein YyaP (FMECIIDA_00119)
106
112
113
114
115
116
118
120
IMGPR_plasmid_2842422224_000002 117753:151030(+)
Hemolysin secretion protein D, plasmid (KNDMHOEJ_00116)
Glycine cleavage system transcriptional activator (KNDMHOEJ_00110)
putative protein YyaP (KNDMHOEJ_00108)
113
114
115
112
111
109
107
IMGPR_plasmid_2842434925_000015 103429:133554(-)
Hemolysin secretion protein D, plasmid (FHPAENBG_00810)
Glycine cleavage system transcriptional activator (FHPAENBG_00816)
putative protein YyaP (FHPAENBG_00818)
813
812
811
814
815
817
819
IMGPR_plasmid_2842264693_000014 891448:921573(+)
Bifunctional hemolysin/adenylate cyclase (LPAFKDHE_00832)
IS66 family transposase IS66 (LPAFKDHE_00829)
putative protein YyaP (LPAFKDHE_00824)
Leukotoxin export protein LtxD (LPAFKDHE_00836)
827
835
834
833
831
830
828
826
825
823
IMGPR_plasmid_642555152_000002 882259:914554(-)
10000 nt
Virulence