

6-phosphogluconate dehydrogenase, NAD(+) dependent, decarboxylating (LOOAEJNG_00054)

Glucose-6-phosphate 1-dehydrogenase 1 (LOOAEJNG_00055)

Carbamoyl-phosphate synthase large chain (LOOAEJNG_00051)

HitABC (VF0268) (LOOAEJNG_00048)

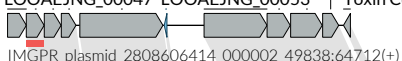
LOOAEJNG_00052

LOOAEJNG_00050

LOOAEJNG_00049

LOOAEJNG_00056

LOOAEJNG_00047 LOOAEJNG_00053 Toxin CcdB (LOOAEJNG_00057)



PBIAECHG_00216

PBIAECHG_00217

PBIAECHG_00218

PBIAECHG_00211

PBIAECHG_00210

PBIAECHG_00219



HTH-type transcriptional activator RhaS (FLOMGOCE_00041)

6-phosphogluconolactonase (FLOMGOCE_00042)

Type 1 fimbriae (VF0221) (FLOMGOCE_00045)

Fatty acyl-CoA reductase (FLOMGOCE_00040)

CupD fimbriae (VF0927) (FLOMGOCE_00047)

Avirulence protein B (FLOMGOCE_00053)

Acetyltransferase (FLOMGOCE_00049)

Cytosine permease (FLOMGOCE_00051)

Stg (VF0959) (FLOMGOCE_00046)

Anaerobic nitric oxide reductase transcription regulator NorR (FLOMGOCE_00067)

Surface presentation of antigens protein SpaQ (FLOMGOCE_00079)

Surface presentation of antigens protein SpaR (FLOMGOCE_00080)

Secretion system apparatus protein SsaV (FLOMGOCE_00072)

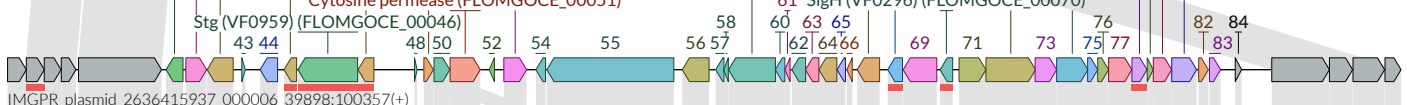
Type III secretion ATP synthase HrcN (FLOMGOCE_00074)

Type 3 secretion system secretin (FLOMGOCE_00059) Yop proteins translocation protein U (FLOMGOCE_00081)

RcsAB (VF0571) (FLOMGOCE_00068)

TTS2 (VF0703) (FLOMGOCE_00078)

SigH (VF0296) (FLOMGOCE_00070)



HTH-type transcriptional activator RhaS (IGBPCCFN_00047)

6-phosphogluconolactonase (IGBPCCFN_00048)

Type 1 fimbriae (VF0221) (IGBPCCFN_00051)

Fatty acyl-CoA reductase (IGBPCCFN_00046)

CupD fimbriae (VF0927) (IGBPCCFN_00053)

Avirulence protein B (IGBPCCFN_00059)

Acetyltransferase (IGBPCCFN_00056)

Cytosine permease (IGBPCCFN_00058)

Stg (VF0959) (IGBPCCFN_00052)

Anaerobic nitric oxide reductase transcription regulator NorR (IGBPCCFN_00073)

Surface presentation of antigens protein SpaQ (IGBPCCFN_00085)

Surface presentation of antigens protein SpaR (IGBPCCFN_00086)

Secretion system apparatus protein SsaV (IGBPCCFN_00078)

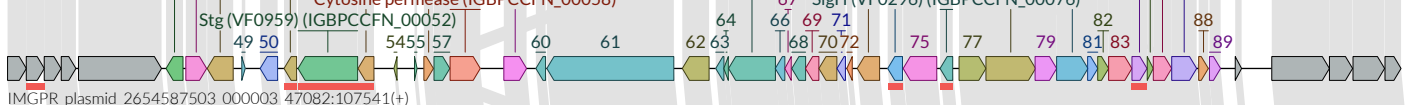
Type III secretion ATP synthase HrcN (IGBPCCFN_00080)

Type 3 secretion system secretin (IGBPCCFN_00065) Yop proteins translocation protein U (IGBPCCFN_00087)

RcsAB (VF0571) (IGBPCCFN_00074)

TTS2 (VF0703) (IGBPCCFN_00084)

SigH (VF0296) (IGBPCCFN_00076)



HTH-type transcriptional activator RhaS (JOKINEDL_00005)

6-phosphogluconolactonase (JOKINEDL_00006)

Type 1 fimbriae (VF0221) (JOKINEDL_00008)

Fatty acyl-CoA reductase (JOKINEDL_00004)

CupD fimbriae (VF0927) (JOKINEDL_00010)

Avirulence protein B (JOKINEDL_00017)

Acetyltransferase (JOKINEDL_00013)

Cytosine permease (JOKINEDL_00015)

Stg (VF0959) (JOKINEDL_00009)

Anaerobic nitric oxide reductase transcription regulator NorR (JOKINEDL_00031)

Surface presentation of antigens protein SpaQ (JOKINEDL_00043)

Surface presentation of antigens protein SpaR (JOKINEDL_00044)

Secretion system apparatus protein SsaV (JOKINEDL_00036)

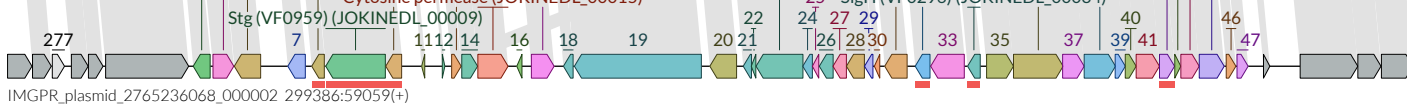
Type III secretion ATP synthase HrcN (JOKINEDL_00038)

Type 3 secretion system secretin (JOKINEDL_00023) Yop proteins translocation protein U (JOKINEDL_00045)

RcsAB (VF0571) (JOKINEDL_00032)

TTS2 (VF0703) (JOKINEDL_00042)

SigH (VF0296) (JOKINEDL_00034)



20000 nt

Virulence