

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

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

Carbamoyl-phosphate synthase large chain (LOOAEJNG_00051)

mads_8 (LOOAEJNG_00048)

47 49 50 52 53 56Toxin CcdB (LOOAEJNG_00057)

IMGPR_plasmid_2808606414_000002: 49,838-64,712 (+)

51
IMGPR_plasmid_3300031416_000071: 37,754-52,626 (-)

216 218
217 219
IMGPR_plasmid_2767802447_000003: 220,612-237,904 (+)

6-phosphogluconate dehydrogenase, NAD(+) dependent, decarboxylating (EOAHANBF_00206)

6-phosphogluconate dehydrogenase, NAD(+) dependent, decarboxylating (EOAHANBF_00205)

203 Antitoxin CcdA (EOAHANBF_00210)

IMGPR_plasmid_2814123165_000006: 202,564-217,665 (+)

HTH-type transcriptional activator RhaS (FLOMGOCE_00041)

6-phosphogluconolactonase (FLOMGOCE_00042)

S fimbriae (VF0222) (FLOMGOCE_00045)

Avirulence protein B (FLOMGOCE_00053)

Acetyltransferase (FLOMGOCE_00049)

UG4_Fimbrae_573 (FLOMGOCE_00047)

Michele_2A_hits_grouped (FLOMGOCE_00040) Cytosine permease (FLOMGOCE_00051)

UG4_Fimbrae_114 (FLOMGOCE_00046)

4344 48 50 52 54 55 56 57 58 61 63 65 60 62 64 66 69 71 73 75 77 76 84
IMGPR_plasmid_2636415937_000006: 39,898-100,825 (+)

HTH-type transcriptional activator RhaS (IGBPCCFN_00047)

6-phosphogluconolactonase (IGBPCCFN_00048)

S fimbriae (VF0222) (IGBPCCFN_00051)

Avirulence protein B (IGBPCCFN_00059)

Acetyltransferase (IGBPCCFN_00056)

UG4_Fimbrae_573 (IGBPCCFN_00053)

Michele_2A_hits_grouped (IGBPCCFN_00046) Cytosine permease (IGBPCCFN_00058)

UG4_Fimbrae_114 (IGBPCCFN_00052)

4950 54 55 57 60 61 62 63 64 66 67 69 71 70 72 75 77 79 82 81 83 90
IMGPR_plasmid_2654587503_000003: 47,082-108,009 (+)

HTH-type transcriptional activator RhaS (JOKINEDL_00005)

6-phosphogluconolactonase (JOKINEDL_00006)

S fimbriae (VF0222) (JOKINEDL_00008)

Avirulence protein B (JOKINEDL_00017)

Acetyltransferase (JOKINEDL_00013)

UG4_Fimbrae_573 (JOKINEDL_00010)

Michele_2A_hits_grouped (JOKINEDL_00004) Cytosine permease (JOKINEDL_00015)

UG4_Fimbrae_114 (JOKINEDL_00009)

275 277 7 11 12 14 16 18 19 20 21 22 25 27 29 24 26 28 30 33 35 37 40 39 41 48
IMGPR_plasmid_2765236068_000002: 299,386-302,018 (+); 1-59,522 (+)

20000 nt

defence (DefenseFinder) defence (PADLOC) virulence (VFDB) AMR (AMRFinderPlus)

resist_ArsN2-NCBIFAM arsenic resistance N-acetyltransferase ArsN2 (NF040501.1) (FLOMGOCE_00082)

Surface presentation of antigens protein SpaQ (FLOMGOCE_00079)

Surface presentation of antigens protein SpaP (FLOMGOCE_00078)

Surface presentation of antigens protein SpaR (FLOMGOCE_00080)

Secretion system apparatus protein SsaV (FLOMGOCE_00072)

Yop proteins translocation protein U (FLOMGOCE_00081)

Type III secretion ATP synthase HrcN (FLOMGOCE_00074)

P. syringae TTSS (VF0909) (FLOMGOCE_00067)

RcsAB (VF0571) (FLOMGOCE_00068)

SigE (VF0295) (FLOMGOCE_00070)

T3SS (VF1283) (FLOMGOCE_00083)

resist_ArsN2-NCBIFAM arsenic resistance N-acetyltransferase ArsN2 (NF040501.1) (IGBPCCFN_00088)

Surface presentation of antigens protein SpaQ (IGBPCCFN_00085)

Surface presentation of antigens protein SpaP (IGBPCCFN_00084)

Surface presentation of antigens protein SpaR (IGBPCCFN_00086)

Secretion system apparatus protein SsaV (IGBPCCFN_00078)

Yop proteins translocation protein U (IGBPCCFN_00087)

Type III secretion ATP synthase HrcN (IGBPCCFN_00080)

P. syringae TTSS (VF0909) (IGBPCCFN_00073)

RcsAB (VF0571) (IGBPCCFN_00074)

SigE (VF0295) (IGBPCCFN_00076)

T3SS (VF1283) (IGBPCCFN_00089)

resist_ArsN2-NCBIFAM arsenic resistance N-acetyltransferase ArsN2 (NF040501.1) (JOKINEDL_00046)

Surface presentation of antigens protein SpaQ (JOKINEDL_00043)

Surface presentation of antigens protein SpaP (JOKINEDL_00042)

Surface presentation of antigens protein SpaR (JOKINEDL_00044)

Secretion system apparatus protein SsaV (JOKINEDL_00036)

Yop proteins translocation protein U (JOKINEDL_00045)

Type III secretion ATP synthase HrcN (JOKINEDL_00038)

P. syringae TTSS (VF0909) (JOKINEDL_00031)

RcsAB (VF0571) (JOKINEDL_00032)

SigE (VF0295) (JOKINEDL_00034)

T3SS (VF1283) (JOKINEDL_00047)