

IS5 family transposase IS1248A (DNEMDING_00001)
 IS5 family transposase IS1248A (DNEMDING_00002)
 Pseudomonine (VF0936) (DNEMDING_00006)
 Leu/Ile/Val-binding protein (DNEMDING_00004)
 Rhodocoxin reductase (DNEMDING_00005)
 NADH oxidase (DNEMDING_00003) ABC-type heme transporter (VF0739) (DNEMDING_00007)

IMGPR_plasmid_2508501113_000028: 68-6,986 (+)

58
 IMGPR_plasmid_2901872072_000063: 52,353-58,676 (-)

1 2 3 4
 IMGPR_plasmid_2597490334_000042: 322-10,154 (+)

63 62 61 60 59
 IMGPR_plasmid_2713897089_000038: 53,283-65,189 (-)

Leucine-, isoleucine-, valine-, threonine-, and alanine-binding protein (EEOELPD_00003)
 IS110 family transposase ISPKo7 (EEOELPD_00006)
 Michele_1A_hits_grouped (EEOELPD_00002)

4 5 7
 IMGPR_plasmid_2834594880_000017: 812-10,670 (+)

D-inositol-3-phosphate glycosyltransferase (OMDJEOBN_00016)
 Inner membrane transport permease YhhJ (OMDJEOBN_00013)
 Ribosome-associated ATPase (OMDJEOBN_00014) UDP-galactopyranose mutase (OMDJEOBN_00019)
 D-inositol-3-phosphate glycosyltransferase (OMDJEOBN_00021)

15 17 18 20 22 23 24 25
 IMGPR_plasmid_2508501030_000024: 11,292-36,323 (+)

D-inositol-3-phosphate glycosyltransferase (PJBDCGPK_00004)
 UDP-galactopyranose mutase (PJBDCGPK_00002)

1 3 5 6 7 8
 IMGPR_plasmid_2597490335_000028: 289-16,287 (+)

Inner membrane transport permease YhhJ (FFMKFMME_00010)
 D-inositol-3-phosphate glycosyltransferase (FFMKFMME_00013)
 Ribosome-associated ATPase (FFMKFMME_00011) UDP-galactopyranose mutase (FFMKFMME_00016)

12 14 15 17 18 19 20 21
 IMGPR_plasmid_3300017649_000414: 6,362-31,419 (+)

D-inositol-3-phosphate glycosyltransferase (FHBMCJIL_00002)
 UDP-galactopyranose mutase (FHBMCJIL_00005)

1 3 4 6 7 8 9 10
 IMGPR_plasmid_3300017540_000296: 24-19,246 (+)

10000 nt

defence (DefenseFinder) virulence (VFDB)