

Recombination-associated protein RdcC (BGDIEII_00084)

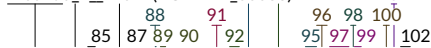
IS21 family transposase IS1474 (BGDIEII_00093)

DNA-binding protein HRL53 (BGDIEII_00086)

IS21 family transposase IS1162 (BGDIEII_00094)

Druantia_II_DruM (BGDIEII_00083)

101



IMGPR_plasmid_3300053491_064630_70143:85320(+)

IS21 family transposase IS1474 (IELGJMCF_00100)

IS21 family transposase IS1162 (IELGJMCF_00099)

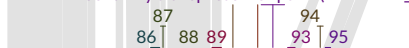


IMGPR_plasmid_3300053491_061602_85605:100782(-)

IS110 family transposase IS1492 (AMIKFILP_00090)

IS3 family transposase ISPen2 (AMIKFILP_00091)

IS3 family transposase ISPpu22 (AMIKFILP_00092)



IMGPR_plasmid_2645727712_000001_68538:81223(+)

IS110 family transposase IS1492 (PBOEGJLK_00001)

IMGPR_plasmid_3300021246_000004_41:8658(-)

IS21 family transposase IS1474 (OJLMIBIH_00139)

IS21 family transposase IS1162 (OJLMIBIH_00140)



IMGPR_plasmid_3300021223_000015_114318:125371(+)

OOCJIBJB_00161

OOCJIBJB_00163

OOCJIBJB_00160

OOCJIBJB_00162

OOCJIBJB_00157 OOCJIBJB_00164



IMGPR_plasmid_2690316332_000004_123301:136258(+)

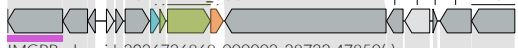
Tyrosine recombinase XerC (LDJKHMAF_00040)

LDJKHMAF_00039

LDJKHMAF_00045 LDJKHMAF_00041

LDJKHMAF_00046 LDJKHMAF_00043 LDJKHMAF_00038

LDJKHMAF_00044 LDJKHMAF_00037

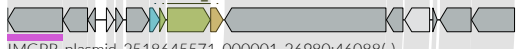


IMGPR_plasmid_2926726868_000002_28732:47850(-)

LGJFKAOI_00043

LGJFKAOI_00044 LGJFKAOI_00041

LGJFKAOI_00042

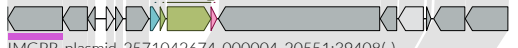


IMGPR_plasmid_2518645571_000001_26980:46088(-)

CMPFJMLD_00031

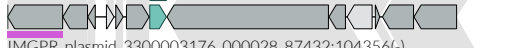
CMPFJMLD_00032 CMPFJMLD_00029

CMPFJMLD_00030



IMGPR_plasmid_2571042674_000004_20551:39408(-)

OOPAPFGA_00111



IMGPR_plasmid_3300003176_000028_87432:104356(-)

IS200/IS605 family transposase ISPlu2 (FLPEBHGP_00001)



IMGPR_plasmid_2571042540_000005_120445:11494(+)

Delta(1)-pyrroline-2-carboxylate/Delta(1)-piperidine-2-carboxylate reductase (HFOJNAJE_00122)

Putative transposase InsK for insertion sequence element IS150 (HFOJNAJE_00109)

Aminodeoxychorismate synthase component 1 (HFOJNAJE_00111)

Formyltetrahydrofolate deformylase (HFOJNAJE_00114)

putative FAD-linked oxidoreductase (HFOJNAJE_00096)

NADP/NAD-dependent aldehyde dehydrogenase PuuC (HFOJNAJE_00120)

Tn3 family transposase ISPsy42 (HFOJNAJE_00099) HTH-type transcriptional regulator GltC (HFOJNAJE_00118)

Tn3 family transposase ISPsy42 (HFOJNAJE_00101)

mRNA interferase toxin YafQ (HFOJNAJE_00104)

3-alpha-hydroxycholanate dehydrogenase (NADP+) (HFOJNAJE_00128)

IS30 family transposase IS1394 (HFOJNAJE_00107) Alpha-ketoglutaric semialdehyde dehydrogenase (HFOJNAJE_00123)

IS3 family transposase ISPpu4 (HFOJNAJE_00095) Bifunctional protein FofD protein (HFOJNAJE_00115)

Tn3 family transposase ISPsy30 (HFOJNAJE_00100) Oxygen-dependent choline dehydrogenase (HFOJNAJE_00121)

D-serine transporter DsdX (HFOJNAJE_00113)

Serine acetyltransferase (HFOJNAJE_00110) Cis-3-hydroxy-L-proline dehydratase (HFOJNAJE_00125)

DNA-invertase hin (HFOJNAJE_00102) Tn3 family transposase TnAs1 (HFOJNAJE_00132)

IS110 family transposase IS1492 (HFOJNAJE_00094) Serine hydroxymethyltransferase 2 (HFOJNAJE_00117) DNA-invertase hin (HFOJNAJE_00130)

91 92 93 97 98 103 105 108 112 111 124 127 Tyrosine recombinase XerC (HFOJNAJE_00136)



IMGPR_plasmid_3300044504_000004_70468:124059(+)

putative FAD-linked oxidoreductase (MELIPMMC_00010)

Tn3 family transposase ISPsy42 (MELIPMMC_00007)

Tn3 family transposase ISPsy42 (MELIPMMC_00005)

mRNA interferase toxin YafQ (MELIPMMC_00002)

IS3 family transposase ISPpu4 (MELIPMMC_00011)

Tn3 family transposase ISPsy30 (MELIPMMC_00006)

DNA-invertase hin (MELIPMMC_00004)



IMGPR_plasmid_3300042536_000001_41:16858(-)

20000 nt

Defence