

Polysialic acid transport ATP-binding protein KpsT (EJIPODPE\_00942)

Arabinose 5-phosphate isomerase KdsD (EJIPODPE\_00944)

K1 capsule (VF0239) (EJIPODPE\_00941)

EJIPODPE\_00940

EJIPODPE\_00943 EJIPODPE\_00945

IMGPR\_plasmid\_651053067\_000002 1042512:1049602(+)

Arabinose 5-phosphate isomerase KdsD (LLMDMPGB\_00223)

ISNCY family transposase ISRsp17 (LLMDMPGB\_00224)

IMGPR\_plasmid\_2848985563\_000003 236986:245746(-)

HNJPBAKN\_00349

Arabinose 5-phosphate isomerase KdsD (HNJPBAKN\_00343)

HNJPBAKN\_00350 HNJPBAKN\_00348

Polysaccharide capsule (VF0659) (HNJPBAKN\_00342)

Capsule (VF0079) (HNJPBAKN\_00341)

IMGPR\_plasmid\_2847403270\_000002 365530:378612(-)

Arabinose 5-phosphate isomerase KdsD (MACDHKHH\_00589)

MACDHKHH\_00590

IMGPR\_plasmid\_637000269\_000002 619946:627036(-)

IMGPR\_plasmid\_2855825444\_000002 1046538:1058678(+)

UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase GtfA subunit (FPLMEGNH\_00891)

FPLMEGNH\_00892

FPLMEGNH\_00890

UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase GtfA subunit (FPLMEGNH\_00898)

FPLMEGNH\_00889 FPLMEGNH\_00893 FPLMEGNH\_00899

IMGPR\_plasmid\_2848978059\_000005 970061:986085(+)

2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-acetyltransferase (COIHECOP\_01402)

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IMGPR\_plasmid\_650716086\_000004 1506004:1525593(+)

2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-acetyltransferase (LGIOMFM\_01310)

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3-methyl-2-oxobutanoate hydroxymethyltransferase (LGIOMFM\_01325)

IMGPR\_plasmid\_2850633175\_000003 1414810:1435493(+)

Peptidoglycan O-acetyltransferase (ICIECDIL\_01338)

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IS66 family transposase ISRosp4 (ICIECDIL\_01325)

IMGPR\_plasmid\_2918445941\_000003 1425846:1449656(-)

IMGPR\_plasmid\_2597490149\_000002 1043767:1060167(+)

IS66 family transposase ISPPa5 (BDGBBHHC\_01444)

IS66 family transposase ISAzs21 (BDGBBHHC\_01449)

IS3 family transposase ISRm1 (BDGBBHHC\_01448)

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IMGPR\_plasmid\_2850646820\_000003 1554574:1575117(-)

9000 nt

Virulence