

Circadian clock protein kinase KaiC (JLGBIFNO\_00028)

Sulfate-binding protein (JLGBIFNO\_00023)

HitABC (VF0268) (JLGBIFNO\_00024)

JLGBIFNO\_00025

JLGBIFNO\_00026

JLGBIFNO\_00027

JLGBIFNO\_00030

JLGBIFNO\_00029

IS30 family transposase ISRle2 (JLGBIFNO\_00031)

IMGPR\_plasmid\_2597490345\_000046 23462:31328(+)

LNGLOAMH\_00024 Antitoxin HigA-2 (LNGLOAMH\_00025)

IMGPR\_plasmid\_2510065056\_000038 18980:26230(+)

Low affinity potassium transport system protein kup (FLFCNILM\_00001)

FLFCNILM\_00002

IMGPR\_plasmid\_2551306084\_000040 9:7988(-)

Low affinity potassium transport system protein kup (NIJHCLEP\_00029)

NIJHCLEP\_00028

IMGPR\_plasmid\_2924186466\_000037 23488:30951(+)

Low affinity potassium transport system protein kup (NOIIBMAB\_00001)

NOIIBMAB\_00002

IMGPR\_plasmid\_2551306093\_000048 34:6998(-)

Low affinity potassium transport system protein kup (DICLBFKC\_00029)

DICLBFKC\_00028

IMGPR\_plasmid\_2921289301\_000050 23504:30487(+)

Naphthalene 1,2-dioxygenase/salicylate 5-hydroxylase systems, ferredoxin component (GKKCOEDK\_00033)

Low affinity potassium transport system protein kup (GKKCOEDK\_00031) 32 34 35

IMGPR\_plasmid\_2806310410\_000017 26075:35467(+)

Naphthalene 1,2-dioxygenase/salicylate 5-hydroxylase systems, ferredoxin component (LOPJJDKA\_00003)

Low affinity potassium transport system protein kup (LOPJJDKA\_00005) 4 2 1

IMGPR\_plasmid\_2921282425\_000036 381:9773(-)

Naphthalene 1,2-dioxygenase/salicylate 5-hydroxylase systems, ferredoxin component (DNPIBGJO\_00030)

Low affinity potassium transport system protein kup (DNPIBGJO\_00028) 29 31 32

IMGPR\_plasmid\_2921244191\_000020 23501:32893(+)

Ubiquinone biosynthesis O-methyltransferase, mitochondrial (OEODGHLC\_00036)

Bicarbonate transport system permease protein CmpB (OEODGHLC\_00031)

D-alanine--D-alanine ligase (OEODGHLC\_00033)

Leu/Ile/Val-binding protein (OEODGHLC\_00028)

Nitrate/nitrite binding protein NrtA (OEODGHLC\_00032)

IMGPR\_plasmid\_2921201388\_000030 23483:39706(+)

Bicarbonate transport system permease protein CmpB (FJCCIELI\_00005)

D-alanine--D-alanine ligase (FJCCIELI\_00003)

Leu/Ile/Val-binding protein (FJCCIELI\_00008)

Nitrate/nitrite binding protein NrtA (FJCCIELI\_00004)

IMGPR\_plasmid\_2858800743\_000015 388:15969(-)

1-deoxyxylulose-5-phosphate synthase YajO (FJOHEBEO\_00019)

Periplasmic dipeptide transport protein (FJOHEBEO\_00020)

FJOHEBEO\_00022

FJOHEBEO\_00021

FJOHEBEO\_00023

Vitamin B12 import ATP-binding protein BtuD (FJOHEBEO\_00025)

IMGPR\_plasmid\_2551306090\_000046 20266:31772(+)

6000 nt

Virulence