

VanR-ABDEGLN family response regulator transcription factor (NF033117.2) (FDOKFNNF\_00147)

Sulfite reductase [NADPH] flavoprotein alpha-component (FDOKFNNF\_00142)

Anaerobic ribonucleoside-triphosphate reductase (FDOKFNNF\_00139)

ABC-type heme transporter (VF0739) (FDOKFNNF\_00145)

Bacitracin export permease protein BceB (FDOKFNNF\_00144)

Glutathione peroxidase BsaA (FDOKFNNF\_00143)

Précorrin-2 dehydrogénase (FDOKFNNF\_00141)

Antigen 85 (VF0311) (FDOKFNNF\_00152)

Alkaline phosphatase 3 (FDOKFNNF\_00149)

putative protein.1 (FDOKFNNF\_00150)

VirR/VirS (VF0791) (FDOKFNNF\_00146)

Citrate transporter (FDOKFNNF\_00140)

148 151 153

IMGPR\_plasmid\_2593338941\_000004 151298:168881(+)

VanR-ABDEGLN family response regulator transcription factor (NF033117.2) (EAKFEJGA\_00121)

ABC-type heme transporter (VF0739) (EAKFEJGA\_00119)

Bacitracin export permease protein BceB (EAKFEJGA\_00118)

Antigen 85 (VF0311) (EAKFEJGA\_00126)

Alkaline phosphatase 3 (EAKFEJGA\_00123)

putative protein.1 (EAKFEJGA\_00124)

VirR/VirS (VF0791) (EAKFEJGA\_00120)

117 122 125 127

IMGPR\_plasmid\_2593338583\_000007 113660:131177(+)

VanR-ABDEGLN family response regulator transcription factor (NF033117.2) (NDEFOAFF\_00112)

ABC-type heme transporter (VF0739) (NDEFOAFF\_00110)

Bacitracin export permease protein BceB (NDEFOAFF\_00109)

Antigen 85 (VF0311) (NDEFOAFF\_00117)

Alkaline phosphatase 3 (NDEFOAFF\_00114)

putative protein.1 (NDEFOAFF\_00115)

VirR/VirS (VF0791) (NDEFOAFF\_00111)

113 116 118

IMGPR\_plasmid\_2684622800\_000005 111096:128553(+)

VanR-ABDEGLN family response regulator transcription factor (NF033117.2) (IKPBKBGA\_00135)

Ornithine carbamoyltransferase, catabolic (IKPBKBGA\_00145)

HTH-type transcriptional regulator ArcR (IKPBKBGA\_00142)

ABC-type heme transporter (VF0739) (IKPBKBGA\_00133)

Bacitracin export permease protein BceB (IKPBKBGA\_00132)

Arginine/ornithine antiporter (IKPBKBGA\_00144)

Antigen 85 (VF0311) (IKPBKBGA\_00140)

Alkaline phosphatase 3 (IKPBKBGA\_00137)

putative protein.1 (IKPBKBGA\_00138)

Carbamate kinase 2 (IKPBKBGA\_00143)

VirR/VirS (VF0791) (IKPBKBGA\_00134)

SDr (VF0019) (IKPBKBGA\_00141)

Arginine repressor (IKPBKBGA\_00147)

131 136 139

Arginine deiminase (IKPBKBGA\_00146)

IMGPR\_plasmid\_2744054836\_000002 131618:158041(+)

VanR-ABDEGLN family response regulator transcription factor (NF033117.2) (HLLCOBLO\_00008)

UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase stabilizing protein GtfB (HLLCOBLO\_00008)

UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase GtfA subunit (HLLCOBLO\_00007)

VanR-ABDEGLN family response regulator transcription factor (NF033117.2) (HLLCOBLO\_00031)

Immunodominant staphylococcal antigen B (HLLCOBLO\_00017)

Ornithine carbamoyltransferase, catabolic (HLLCOBLO\_00021)

HTH-type transcriptional regulator ArcR (HLLCOBLO\_00024)

ABC-type heme transporter (VF0739) (HLLCOBLO\_00033)

N-acetylmuramoyl-L-alanine amidase domain-containing protein (HLLCOBLO\_00011)

Arginine/ornithine antiporter (HLLCOBLO\_00022)

Antigen 85 (VF0311) (HLLCOBLO\_00026)

Putative mannose-6-phosphate isomerase YvyI (HLLCOBLO\_00013)

Alkaline phosphatase 3 (HLLCOBLO\_00029)

PTS system mannose-specific EIIBCA component (HLLCOBLO\_00014)

putative protein.1 (HLLCOBLO\_00028)

Transcriptional regulator ManR (HLLCOBLO\_00015)

Accessory Sec system protein Asp1 (HLLCOBLO\_00003)

Bacitracin export permease protein BceB (HLLCOBLO\_00034)

Arginine repressor (HLLCOBLO\_00019)

Accessory Sec system protein Asp2 (HLLCOBLO\_00004)

Carbamate kinase 2 (HLLCOBLO\_00023)

Arginine deiminase (HLLCOBLO\_00020)

N-carbamoylsarcosine amidase (HLLCOBLO\_00010)

VirR/VirS (VF0791) (HLLCOBLO\_00032)

Mpl (VF0065) (HLLCOBLO\_00018)

Accessory secretion factor (VF0808) (HLLCOBLO\_00006)

SDr (VF0019) (HLLCOBLO\_00025)

Protein translocase subunit SecY (HLLCOBLO\_00002)

35 30 27

SraP (VF1012) (HLLCOBLO\_00001)

IMGPR\_plasmid\_2588254168\_000003 352:59688(-)

RM\_Type\_I\_REases\_Type\_I\_REases\_FAM\_0.einsi\_trimmed (KBMGPD1\_00146)

IS6 family transposase IS431R (KBMGPD1\_00145)

148 149

144 147 150

IMGPR\_plasmid\_2519899731\_000001 149733:163626(+)

20000 nt

Defence Virulence AMR

Defence Virulence AMR

Defence Virulence AMR

Defence Virulence AMR

Defence Virulence AMR

Defence Virulence AMR

Defence Virulence AMR

Defence Virulence AMR

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Defence Virulence AMR