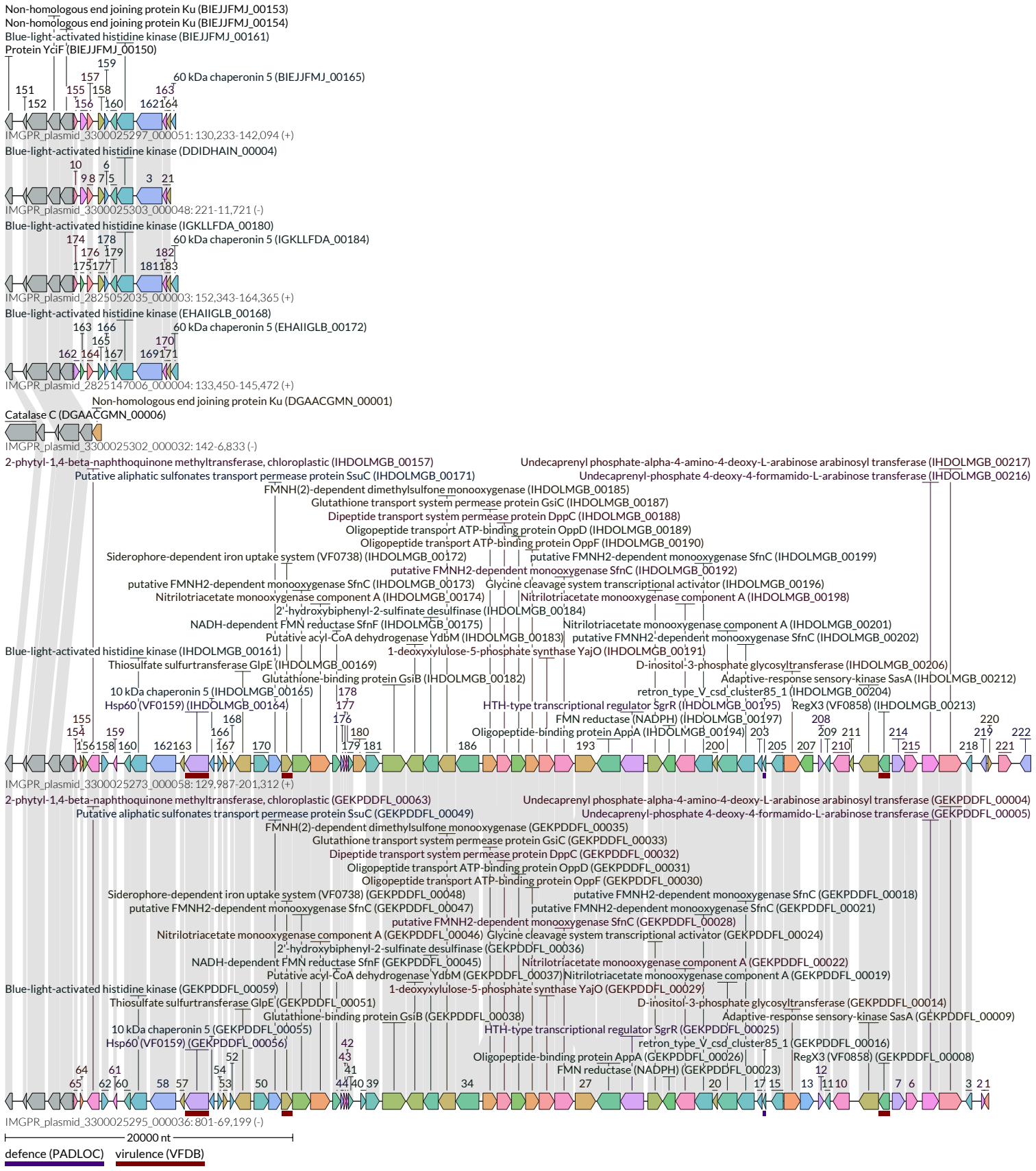
Non-homologous end joining protein Ku (BIEJJFMJ_00153)
Non-homologous end joining protein Ku (BIEJJFMJ_00154)
Blue-light-activated histidine kinase (BIEJJFMJ_00161)
Protein YciF (BIEJJFMJ_00150)
60 kDa chaperonin 5 (BIEJJFMJ_00165)
IMGPR_plasmid_3300025297_000051: 130,233-142,094 (+)
Blue-light-activated histidine kinase (DDIDHAIN_00004)
IMGPR_plasmid_3300025303_000048: 221-11,721 (-)
Blue-light-activated histidine kinase (IGKLLFDA_00180)
60 kDa chaperonin 5 (IGKLLFDA_00184)
IMGPR_plasmid_2825052035_000003: 152,343-164,365 (+)
Blue-light-activated histidine kinase (EHAIIGLB_00168)
60 kDa chaperonin 5 (EHAIIGLB_00172)
IMGPR_plasmid_2825147006_000004: 133,450-145,472 (+)
Non-homologous end joining protein Ku (DGAACGMN_00001)
Catalase C (DGAACGMN_00006)
IMGPR_plasmid_3300025302_000032: 142-6,833 (-)
2-phytyl-1,4-beta-naphthoquinone methyltransferase, chloroplastic (IHDOLMGB_00157)
Undecaprenyl phosphate-alpha-4-amino-4-deoxy-L-arabinose arabinosyl transferase (IHDOLMGB_00217)
Putative aliphatic sulfonates transport permease protein SsuC (IHDOLMGB_00171)
Undecaprenyl-phosphate 4-deoxy-4-formamido-L-arabinose transferase (IHDOLMGB_00216)
FMNH(2)-dependent dimethylsulfone monooxygenase (IHDOLMGB_00185)
Glutathione transport system permease protein GsiC (IHDOLMGB_00187)
Dipeptide transport system permease protein DppC (IHDOLMGB_00188)
Oligopeptide transport ATP-binding protein OppD (IHDOLMGB_00189)
Oligopeptide transport ATP-binding protein OppF (IHDOLMGB_00190)
Siderophore-dependent iron uptake system (VF0738) (IHDOLMGB_00172)
putative FMNH2-dependent monooxygenase SfnC (IHDOLMGB_00199)
putative FMNH2-dependent monooxygenase SfnC (IHDOLMGB_00192)
putative FMNH2-dependent monooxygenase SfnC (IHDOLMGB_00173)
Glycine cleavage system transcriptional activator (IHDOLMGB_00196)
Nitrilotriacetate monooxygenase component A (IHDOLMGB_00174)
Nitrilotriacetate monooxygenase component A (IHDOLMGB_00198)
2'-hydroxybiphenyl-2-sulfinate desulfinase (IHDOLMGB_00184)
NADH-dependent FMN reductase SfnF (IHDOLMGB_00175)
Nitrilotriacetate monooxygenase component A (IHDOLMGB_00201)
Putative acyl-CoA dehydrogenase YdbM (IHDOLMGB_00183)
putative FMNH2-dependent monooxygenase SfnC (IHDOLMGB_00202)
Blue-light-activated histidine kinase (IHDOLMGB_00161)
1-deoxyxylulose-5-phosphate synthase YajO (IHDOLMGB_00191)
Thiosulfate sulfurtransferase GlpE (IHDOLMGB_00169)
D-inositol-3-phosphate glycosyltransferase (IHDOLMGB_00206)
Glutathione-binding protein GsiB (IHDOLMGB_00182)
Adaptive-response sensory-kinase SasA (IHDOLMGB_00212)
10 kDa chaperonin 5 (IHDOLMGB_00165)
retron_type_V_csd_cluster85_1 (IHDOLMGB_00204)
Hsp60 (VF0159) (IHDOLMGB_00164)
HTH-type transcriptional regulator SgrR (IHDOLMGB_00195)
RegX3 (VF0858) (IHDOLMGB_00213)
FMN reductase (NADPH) (IHDOLMGB_00197)
Oligopeptide-binding protein AppA (IHDOLMGB_00194)
IMGPR_plasmid_3300025273_000058: 129,987-201,312 (+)
2-phytyl-1,4-beta-naphthoquinone methyltransferase, chloroplastic (GEKPDDFL_00063)
Undecaprenyl phosphate-alpha-4-amino-4-deoxy-L-arabinose arabinosyl transferase (GEKPDDFL_00004)
Putative aliphatic sulfonates transport permease protein SsuC (GEKPDDFL_00049)
Undecaprenyl-phosphate 4-deoxy-4-formamido-L-arabinose transferase (GEKPDDFL_00005)
FMNH(2)-dependent dimethylsulfone monooxygenase (GEKPDDFL_00035)
Glutathione transport system permease protein GsiC (GEKPDDFL_00033)
Dipeptide transport system permease protein DppC (GEKPDDFL_00032)
Oligopeptide transport ATP-binding protein OppD (GEKPDDFL_00031)
Oligopeptide transport ATP-binding protein OppF (GEKPDDFL_00030)
Siderophore-dependent iron uptake system (VF0738) (GEKPDDFL_00048)
putative FMNH2-dependent monooxygenase SfnC (GEKPDDFL_00018)
putative FMNH2-dependent monooxygenase SfnC (GEKPDDFL_00047)
putative FMNH2-dependent monooxygenase SfnC (GEKPDDFL_00021)
putative FMNH2-dependent monooxygenase SfnC (GEKPDDFL_00028)
Nitrilotriacetate monooxygenase component A (GEKPDDFL_00046)
Glycine cleavage system transcriptional activator (GEKPDDFL_00024)
2'-hydroxybiphenyl-2-sulfinate desulfinase (GEKPDDFL_00036)
NADH-dependent FMN reductase SfnF (GEKPDDFL_00045)
Nitrilotriacetate monooxygenase component A (GEKPDDFL_00022)
Putative acyl-CoA dehydrogenase YdbM (GEKPDDFL_00037)
Nitrilotriacetate monooxygenase component A (GEKPDDFL_00019)
Blue-light-activated histidine kinase (GEKPDDFL_00059)
1-deoxyxylulose-5-phosphate synthase YajO (GEKPDDFL_00029)
Thiosulfate sulfurtransferase GlpE (GEKPDDFL_00051)
D-inositol-3-phosphate glycosyltransferase (GEKPDDFL_00014)
Glutathione-binding protein GsiB (GEKPDDFL_00038)
Adaptive-response sensory-kinase SasA (GEKPDDFL_00009)
10 kDa chaperonin 5 (GEKPDDFL_00055)
HTH-type transcriptional regulator SgrR (GEKPDDFL_00025)
Hsp60 (VF0159) (GEKPDDFL_00056)
retron_type_V_csd_cluster85_1 (GEKPDDFL_00016)
Oligopeptide-binding protein AppA (GEKPDDFL_00026)
RegX3 (VF0858) (GEKPDDFL_00008)
FMN reductase (NADPH) (GEKPDDFL_00023)
IMGPR_plasmid_3300025295_000036: 801-69,199 (-)
20000 nt
defence (PADLOC)
virulence (VFDB)