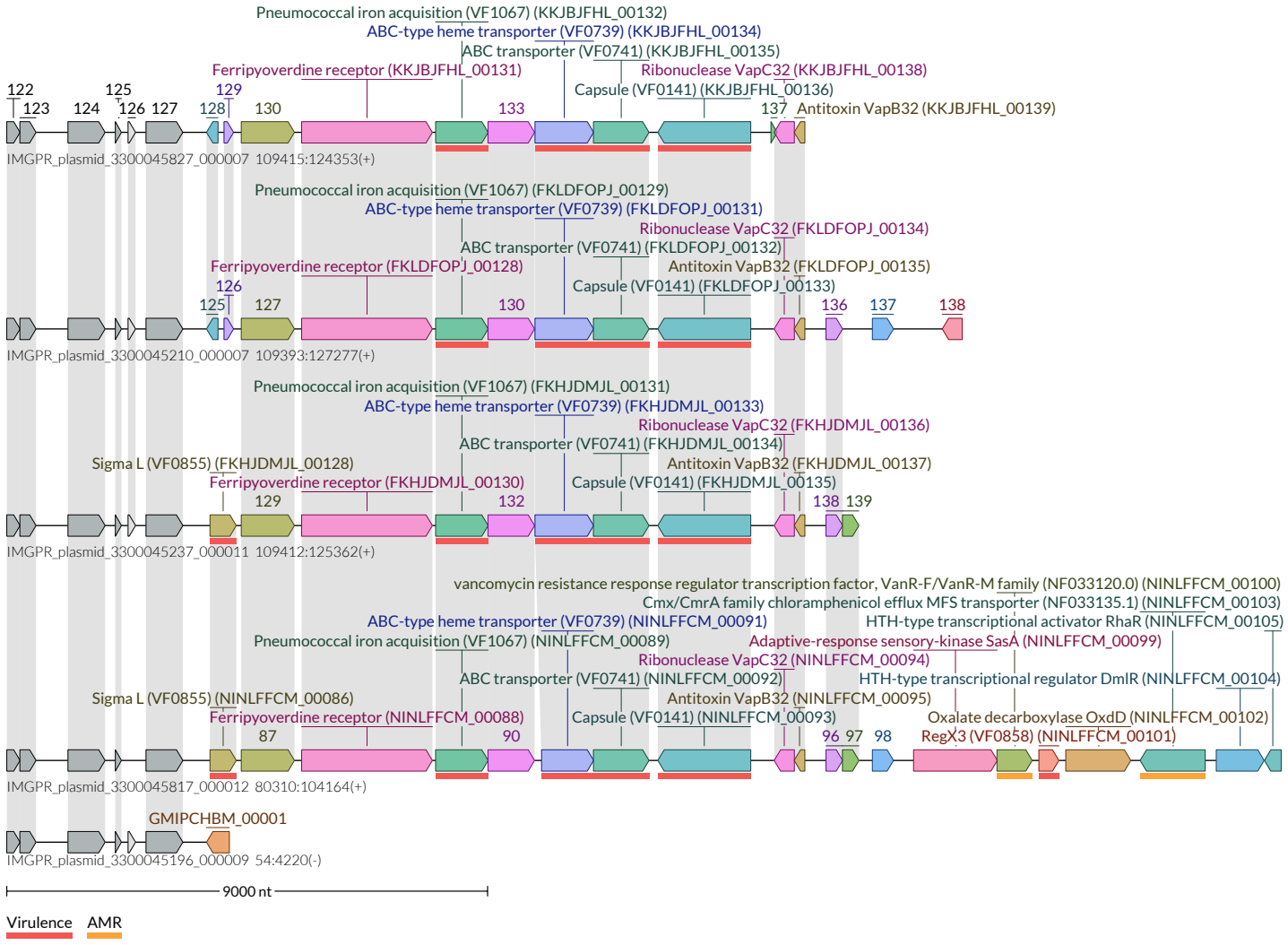
Pneumococcal iron acquisition (VF1067) (KKJBJFHL_00132)
ABC-type heme transporter (VF0739) (KKJBJFHL_00134)
ABC transporter (VF0741) (KKJBJFHL_00135)
Ferripyoverdine receptor (KKJBJFHL_00131)
Ribonuclease VapC32 (KKJBJFHL_00138)
Capsule (VF0141) (KKJBJFHL_00136)
Antitoxin VapB32 (KKJBJFHL_00139)
122 123 124 125 126 127 128 129 130 133 137
IMGPR_plasmid_3300045827_000007 109415:124353(+)
Pneumococcal iron acquisition (VF1067) (FKLDFOPJ_00129)
ABC-type heme transporter (VF0739) (FKLDFOPJ_00131)
Ribonuclease VapC32 (FKLDFOPJ_00134)
ABC transporter (VF0741) (FKLDFOPJ_00132)
Ferripyoverdine receptor (FKLDFOPJ_00128)
Antitoxin VapB32 (FKLDFOPJ_00135)
Capsule (VF0141) (FKLDFOPJ_00133)
125 126 127 130 136 137 138
IMGPR_plasmid_3300045210_000007 109393:127277(+)
Pneumococcal iron acquisition (VF1067) (FKHJDMJL_00131)
ABC-type heme transporter (VF0739) (FKHJDMJL_00133)
Ribonuclease VapC32 (FKHJDMJL_00136)
ABC transporter (VF0741) (FKHJDMJL_00134)
Sigma L (VF0855) (FKHJDMJL_00128)
Antitoxin VapB32 (FKHJDMJL_00137)
Ferripyoverdine receptor (FKHJDMJL_00130)
Capsule (VF0141) (FKHJDMJL_00135)
129 132 138 139
IMGPR_plasmid_3300045237_000011 109412:125362(+)
vancomycin resistance response regulator transcription factor, VanR-F/VanR-M family (NF033120.0) (NINLFFCM_00100)
Cmx/CmrA family chloramphenicol efflux MFS transporter (NF033135.1) (NINLFFCM_00103)
ABC-type heme transporter (VF0739) (NINLFFCM_00091)
HTH-type transcriptional activator RhaR (NINLFFCM_00105)
Pneumococcal iron acquisition (VF1067) (NINLFFCM_00089)
Adaptive-response sensory-kinase SasA (NINLFFCM_00099)
Ribonuclease VapC32 (NINLFFCM_00094)
ABC transporter (VF0741) (NINLFFCM_00092)
HTH-type transcriptional regulator DmlR (NINLFFCM_00104)
Sigma L (VF0855) (NINLFFCM_00086)
Antitoxin VapB32 (NINLFFCM_00095)
Ferripyoverdine receptor (NINLFFCM_00088)
Capsule (VF0141) (NINLFFCM_00093)
Oxalate decarboxylase OxdD (NINLFFCM_00102)
RegX3 (VF0858) (NINLFFCM_00101)
87 90 96 97 98
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9000 nt
Virulence
AMR