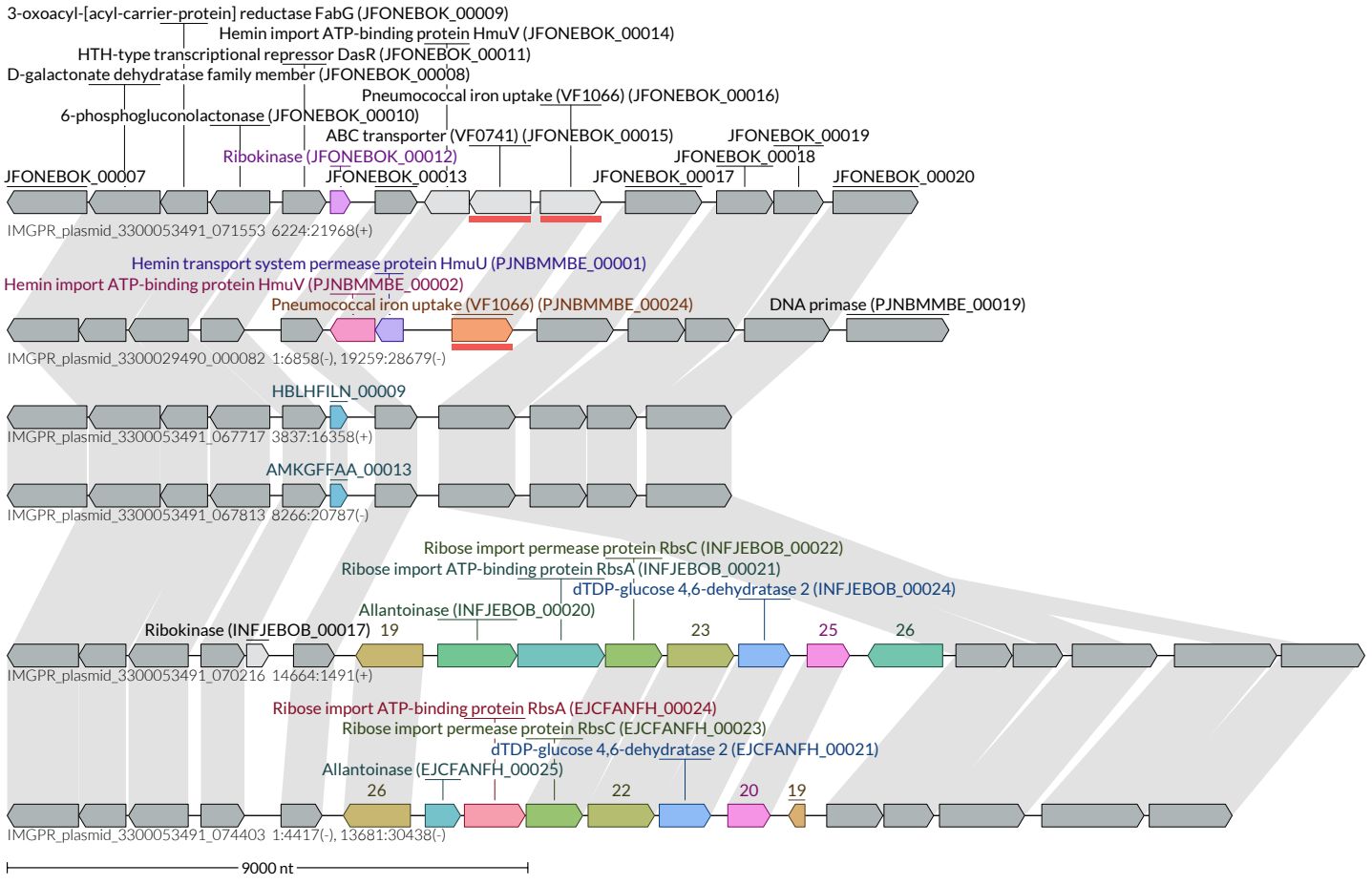
3-oxoacyl-[acyl-carrier-protein] reductase FabG (JFONEBOK_00009)
Hemin import ATP-binding protein HmuV (JFONEBOK_00014)
HTH-type transcriptional repressor DasR (JFONEBOK_00011)
D-galactonate dehydratase family member (JFONEBOK_00008)
Pneumococcal iron uptake (VF1066) (JFONEBOK_00016)
6-phosphogluconolactonase (JFONEBOK_00010)
ABC transporter (VF0741) (JFONEBOK_00015)
JFONEBOK_00019
Ribokinase (JFONEBOK_00012)
JFONEBOK_00018
JFONEBOK_00007
JFONEBOK_00013
JFONEBOK_00017
JFONEBOK_00020
IMGPR_plasmid_3300053491_071553 6224:21968(+)
Hemin transport system permease protein HmuU (PJNBMMBE_00001)
Hemin import ATP-binding protein HmuV (PJNBMMBE_00002)
Pneumococcal iron uptake (VF1066) (PJNBMMBE_00024)
DNA primase (PJNBMMBE_00019)
IMGPR_plasmid_3300029490_000082 1:6858(-), 19259:28679(-)
HBLHFILN_00009
IMGPR_plasmid_3300053491_067717 3837:16358(+)
AMKGFFAA_00013
IMGPR_plasmid_3300053491_067813 8266:20787(-)
Ribose import permease protein RbsC (INFJEBOB_00022)
Ribose import ATP-binding protein RbsA (INFJEBOB_00021)
dTDP-glucose 4,6-dehydratase 2 (INFJEBOB_00024)
Allantoinase (INFJEBOB_00020)
Ribokinase (INFJEBOB_00017)
19
23
25
26
IMGPR_plasmid_3300053491_070216 14664:1491(+)
Ribose import ATP-binding protein RbsA (EJCFANFH_00024)
Ribose import permease protein RbsC (EJCFANFH_00023)
dTDP-glucose 4,6-dehydratase 2 (EJCFANFH_00021)
Allantoinase (EJCFANFH_00025)
26
22
20
19
IMGPR_plasmid_3300053491_074403 1:4417(-), 13681:30438(-)
9000 nt
Virulence