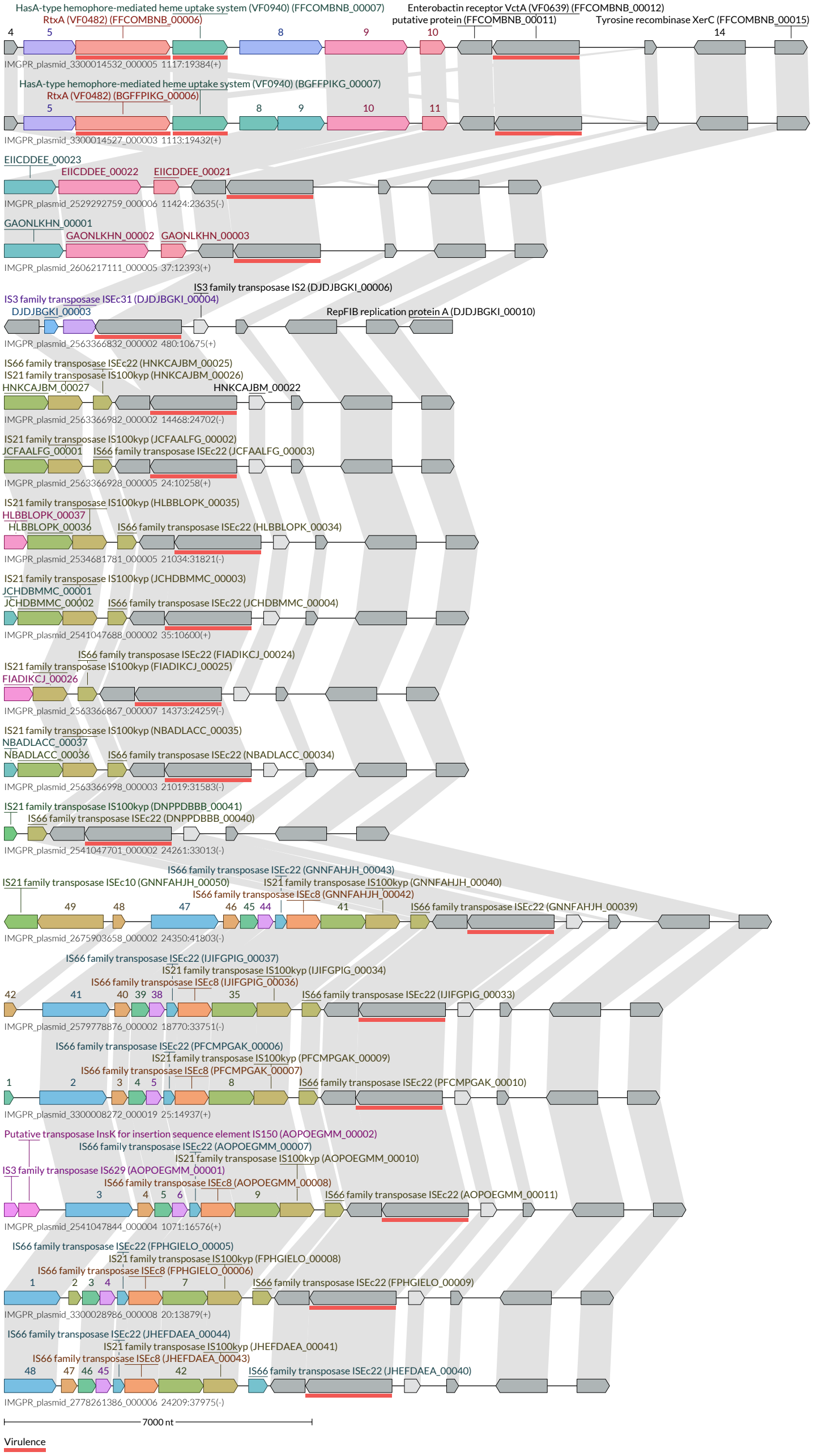
HasA-type hemophore-mediated heme uptake system (VF0940) (FFCOMBNB_00007)
RtxA (VF0482) (FFCOMBNB_00006)
Enterobactin receptor VctA (VF0639) (FFCOMBNB_00012)
putative protein (FFCOMBNB_00011)
Tyrosine recombinase XerC (FFCOMBNB_00015)
4 5 8 9 10 14
IMGPR_plasmid_3300014532_000005 1117:19384(+)
HasA-type hemophore-mediated heme uptake system (VF0940) (BGFFPIKG_00007)
RtxA (VF0482) (BGFFPIKG_00006)
5 8 9 10 11
IMGPR_plasmid_3300014527_000003 1113:19432(+)
EIICDDEE_00023
EIICDDEE_00022
EIICDDEE_00021
IMGPR_plasmid_2529292759_000006 11424:23635(-)
GAONLKHN_00001
GAONLKHN_00002
GAONLKHN_00003
IMGPR_plasmid_2606217111_000005 37:12393(+)
IS3 family transposase IS2 (DJDJBGKI_00006)
IS3 family transposase ISEc31 (DJDJBGKI_00004)
DJDJBGKI_00003
RepFIB replication protein A (DJDJBGKI_00010)
IMGPR_plasmid_2563366832_000002 480:10675(+)
IS66 family transposase ISEc22 (HNKCAJBM_00025)
IS21 family transposase IS100kyp (HNKCAJBM_00026)
HNKCAJBM_00027
HNKCAJBM_00022
IMGPR_plasmid_2563366982_000002 14468:24702(-)
IS21 family transposase IS100kyp (JCFAALFG_00002)
JCFAALFG_00001
IS66 family transposase ISEc22 (JCFAALFG_00003)
IMGPR_plasmid_2563366928_000005 24:10258(+)
IS21 family transposase IS100kyp (HLBBLOPK_00035)
HLBBLOPK_00037
HLBBLOPK_00036
IS66 family transposase ISEc22 (HLBBLOPK_00034)
IMGPR_plasmid_2534681781_000005 21034:31821(-)
IS21 family transposase IS100kyp (JCHDBMMC_00003)
JCHDBMMC_00001
JCHDBMMC_00002
IS66 family transposase ISEc22 (JCHDBMMC_00004)
IMGPR_plasmid_2541047688_000002 35:10600(+)
IS66 family transposase ISEc22 (FIADIKCJ_00024)
IS21 family transposase IS100kyp (FIADIKCJ_00025)
FIADIKCJ_00026
IMGPR_plasmid_2563366867_000007 14373:24259(-)
IS21 family transposase IS100kyp (NBADLACC_00035)
NBADLACC_00037
NBADLACC_00036
IS66 family transposase ISEc22 (NBADLACC_00034)
IMGPR_plasmid_2563366998_000003 21019:31583(-)
IS21 family transposase IS100kyp (DNPPDBBB_00041)
IS66 family transposase ISEc22 (DNPPDBBB_00040)
IMGPR_plasmid_2541047701_000002 24261:33013(-)
IS66 family transposase ISEc22 (GNNFAHJH_00043)
IS21 family transposase ISEc10 (GNNFAHJH_00050)
IS21 family transposase IS100kyp (GNNFAHJH_00040)
IS66 family transposase ISEc8 (GNNFAHJH_00042)
49 48 47 46 45 44 41
IS66 family transposase ISEc22 (GNNFAHJH_00039)
IMGPR_plasmid_2675903658_000002 24350:41803(-)
IS66 family transposase ISEc22 (IJIFGPIG_00037)
IS21 family transposase IS100kyp (IJIFGPIG_00034)
IS66 family transposase ISEc8 (IJIFGPIG_00036)
42 41 40 39 38 35
IS66 family transposase ISEc22 (IJIFGPIG_00033)
IMGPR_plasmid_2579778876_000002 18770:33751(-)
IS66 family transposase ISEc22 (PFCMPGAK_00006)
IS21 family transposase IS100kyp (PFCMPGAK_00009)
IS66 family transposase ISEc8 (PFCMPGAK_00007)
1 2 3 4 5 8
IS66 family transposase ISEc22 (PFCMPGAK_00010)
IMGPR_plasmid_3300008272_000019 25:14937(+)
Putative transposase InsK for insertion sequence element IS150 (AOPOEGMM_00002)
IS66 family transposase ISEc22 (AOPOEGMM_00007)
IS21 family transposase IS100kyp (AOPOEGMM_00010)
IS3 family transposase IS629 (AOPOEGMM_00001)
IS66 family transposase ISEc8 (AOPOEGMM_00008)
3 4 5 6 9
IS66 family transposase ISEc22 (AOPOEGMM_00011)
IMGPR_plasmid_2541047844_000004 1071:16576(+)
IS66 family transposase ISEc22 (FPHGIELO_00005)
IS21 family transposase IS100kyp (FPHGIELO_00008)
IS66 family transposase ISEc8 (FPHGIELO_00006)
1 2 3 4 7
IS66 family transposase ISEc22 (FPHGIELO_00009)
IMGPR_plasmid_3300028986_000008 20:13879(+)
IS66 family transposase ISEc22 (JHEFDAEA_00044)
IS21 family transposase IS100kyp (JHEFDAEA_00041)
IS66 family transposase ISEc8 (JHEFDAEA_00043)
48 47 46 45 42
IS66 family transposase ISEc22 (JHEFDAEA_00040)
IMGPR_plasmid_2778261386_000006 24209:37975(-)
7000 nt
Virulence