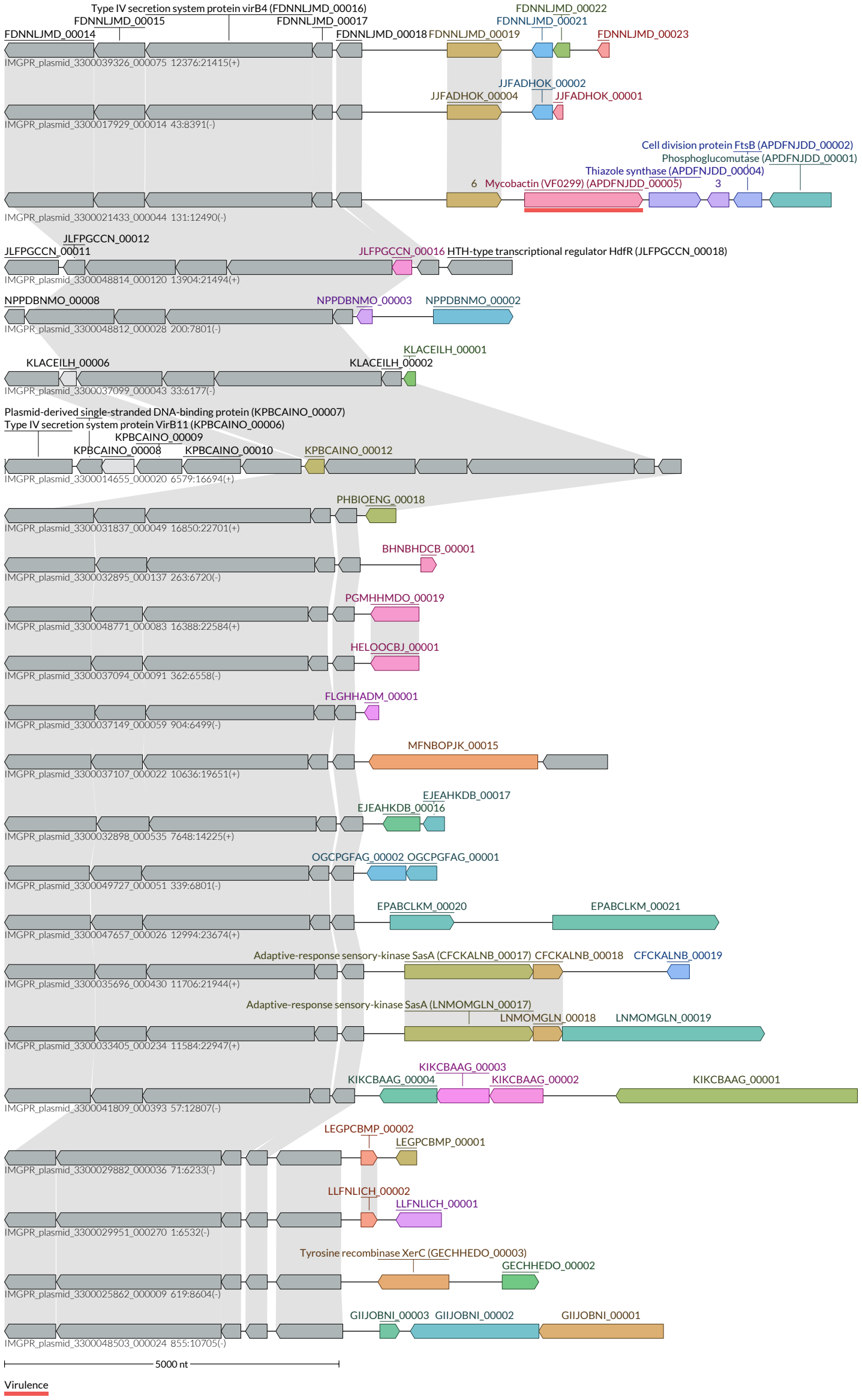
Type IV secretion system protein virB4 (FDNNLJMD_00016)
FDNNLJMD_00015
FDNNLJMD_00017
FDNNLJMD_00014
FDNNLJMD_00018
FDNNLJMD_00019
FDNNLJMD_00022
FDNNLJMD_00021
FDNNLJMD_00023
IMGPR_plasmid_3300039326_000075 12376:21415(+)
JJFADHOK_00002
JJFADHOK_00004
JJFADHOK_00001
IMGPR_plasmid_3300017929_000014 43:8391(-)
Cell division protein FtsB (APDFNJDD_00002)
Phosphoglucomutase (APDFNJDD_00001)
Thiazole synthase (APDFNJDD_00004)
6
Mycobactin (VF0299) (APDFNJDD_00005)
3
IMGPR_plasmid_3300021433_000044 131:12490(-)
JLFPGCCN_00012
JLFPGCCN_00011
JLFPGCCN_00016
HTH-type transcriptional regulator HdfR (JLFPGCCN_00018)
IMGPR_plasmid_3300048814_000120 13904:21494(+)
NPPDBNMO_00008
NPPDBNMO_00003
NPPDBNMO_00002
IMGPR_plasmid_3300048812_000028 200:7801(-)
KLACEILH_00001
KLACEILH_00006
KLACEILH_00002
IMGPR_plasmid_3300037099_000043 33:6177(-)
Plasmid-derived single-stranded DNA-binding protein (KPBCAINO_00007)
Type IV secretion system protein VirB11 (KPBCAINO_00006)
KPBCAINO_00009
KPBCAINO_00008
KPBCAINO_00010
KPBCAINO_00012
IMGPR_plasmid_3300014655_000020 6579:16694(+)
PHBIOENG_00018
IMGPR_plasmid_3300031837_000049 16850:22701(+)
BHNBHDCB_00001
IMGPR_plasmid_3300032895_000137 263:6720(-)
PGMHHMDO_00019
IMGPR_plasmid_3300048771_000083 16388:22584(+)
HELOOCBJ_00001
IMGPR_plasmid_3300037094_000091 362:6558(-)
FLGHHADM_00001
IMGPR_plasmid_3300037149_000059 904:6499(-)
MFNBOPJK_00015
IMGPR_plasmid_3300037107_000022 10636:19651(+)
EJEAHKDB_00017
EJEAHKDB_00016
IMGPR_plasmid_3300032898_000535 7648:14225(+)
OGCPGFAG_00002
OGCPGFAG_00001
IMGPR_plasmid_3300049727_000051 339:6801(-)
EPABCLKM_00020
EPABCLKM_00021
IMGPR_plasmid_3300047657_000026 12994:23674(+)
Adaptive-response sensory-kinase SasA (CFCKALNB_00017)
CFCKALNB_00018
CFCKALNB_00019
IMGPR_plasmid_3300035696_000430 11706:21944(+)
Adaptive-response sensory-kinase SasA (LNMOMGLN_00017)
LNMOMGLN_00018
LNMOMGLN_00019
IMGPR_plasmid_3300033405_000234 11584:22947(+)
KIKCBAAG_00003
KIKCBAAG_00004
KIKCBAAG_00002
KIKCBAAG_00001
IMGPR_plasmid_3300041809_000393 57:12807(-)
LEGPCBMP_00002
LEGPCBMP_00001
IMGPR_plasmid_3300029882_000036 71:6233(-)
LLFNLICH_00002
LLFNLICH_00001
IMGPR_plasmid_3300029951_000270 1:6532(-)
Tyrosine recombinase XerC (GECHHEDO_00003)
GECHHEDO_00002
IMGPR_plasmid_3300025862_000009 619:8604(-)
GIIJOBNI_00003
GIIJOBNI_00002
GIIJOBNI_00001
IMGPR_plasmid_3300048503_000024 855:10705(-)
5000 nt
Virulence