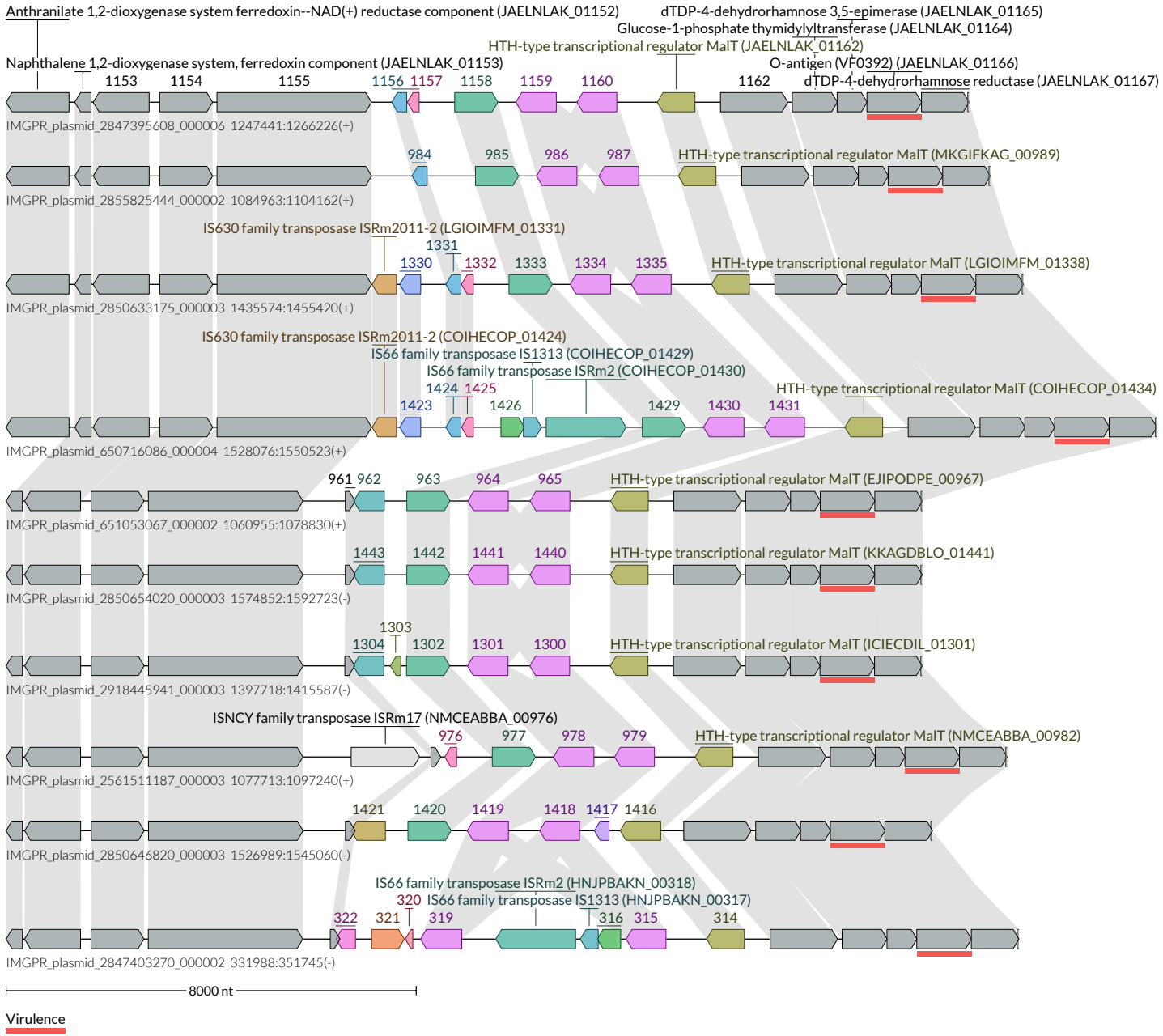
Anthranilate 1,2-dioxygenase system ferredoxin--NAD(+) reductase component (JAELNLAK_01152)
dTDP-4-dehydrorhamnose 3,5-epimerase (JAELNLAK_01165)
Glucose-1-phosphate thymidylyltransferase (JAELNLAK_01164)
HTH-type transcriptional regulator MalT (JAELNLAK_01162)
Naphthalene 1,2-dioxygenase system, ferredoxin component (JAELNLAK_01153)
O-antigen (VF0392) (JAELNLAK_01166)
dTDP-4-dehydrorhamnose reductase (JAELNLAK_01167)
1153 1154 1155 1156 1157 1158 1159 1160 1162
IMGPR_plasmid_2847395608_000006 1247441:1266226(+)
984 985 986 987
HTH-type transcriptional regulator MalT (MKGIFKAG_00989)
IMGPR_plasmid_2855825444_000002 1084963:1104162(+)
IS630 family transposase ISRm2011-2 (LGIOIMFM_01331)
1331 1330 1332 1333 1334 1335
HTH-type transcriptional regulator MalT (LGIOIMFM_01338)
IMGPR_plasmid_2850633175_000003 1435574:1455420(+)
IS630 family transposase ISRm2011-2 (COIHECOP_01424)
IS66 family transposase IS1313 (COIHECOP_01429)
IS66 family transposase ISRm2 (COIHECOP_01430)
1424 1425 1423 1426 1429 1430 1431
HTH-type transcriptional regulator MalT (COIHECOP_01434)
IMGPR_plasmid_650716086_000004 1528076:1550523(+)
961 962 963 964 965
HTH-type transcriptional regulator MalT (EJIPODPE_00967)
IMGPR_plasmid_651053067_000002 1060955:1078830(+)
1443 1442 1441 1440
HTH-type transcriptional regulator MalT (KKAGDBLO_01441)
IMGPR_plasmid_2850654020_000003 1574852:1592723(-)
1303 1304 1302 1301 1300
HTH-type transcriptional regulator MalT (ICIECDIL_01301)
IMGPR_plasmid_2918445941_000003 1397718:1415587(-)
ISNCY family transposase ISRm17 (NMCEABBA_00976)
976 977 978 979
HTH-type transcriptional regulator MalT (NMCEABBA_00982)
IMGPR_plasmid_2561511187_000003 1077713:1097240(+)
1421 1420 1419 1418 1417 1416
IMGPR_plasmid_2850646820_000003 1526989:1545060(-)
IS66 family transposase ISRm2 (HNJPBAKN_00318)
320 IS66 family transposase IS1313 (HNJPBAKN_00317)
322 321 319 316 315 314
IMGPR_plasmid_2847403270_000002 331988:351745(-)
8000 nt
Virulence