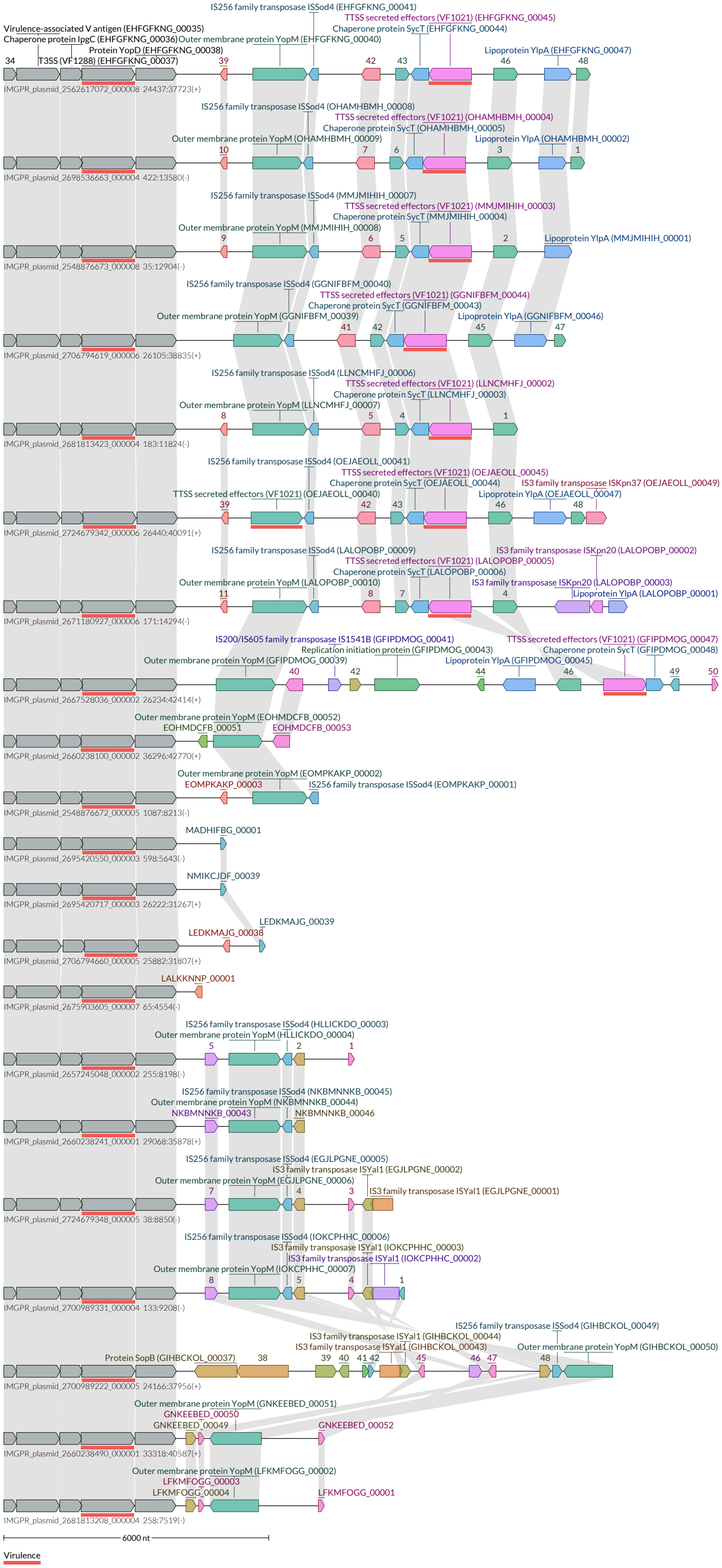
IS256 family transposase ISSod4 (EHFGFKNG_00041)
TTSS secreted effectors (VF1021) (EHFGFKNG_00045)
Chaperone protein SycT (EHFGFKNG_00044)
Virulence-associated V antigen (EHFGFKNG_00035)
Chaperone protein IpgC (EHFGFKNG_00036)
Outer membrane protein YopM (EHFGFKNG_00040)
Protein YopD (EHFGFKNG_00038)
T3SS (VF1288) (EHFGFKNG_00037)
Lipoprotein YlpA (EHFGFKNG_00047)
34
39
42
43
46
48
IMGPR_plasmid_2562617072_000008 24437:37723(+)
IS256 family transposase ISSod4 (OHAMHBMH_00008)
TTSS secreted effectors (VF1021) (OHAMHBMH_00004)
Chaperone protein SycT (OHAMHBMH_00005)
Outer membrane protein YopM (OHAMHBMH_00009)
Lipoprotein YlpA (OHAMHBMH_00002)
10
7
6
3
1
IMGPR_plasmid_2698536663_000004 422:13580(-)
IS256 family transposase ISSod4 (MMJMIHIH_00007)
TTSS secreted effectors (VF1021) (MMJMIHIH_00003)
Chaperone protein SycT (MMJMIHIH_00004)
Outer membrane protein YopM (MMJMIHIH_00008)
Lipoprotein YlpA (MMJMIHIH_00001)
9
6
5
2
IMGPR_plasmid_2548876673_000008 35:12904(-)
IS256 family transposase ISSod4 (GGNIFBFM_00040)
TTSS secreted effectors (VF1021) (GGNIFBFM_00044)
Chaperone protein SycT (GGNIFBFM_00043)
Outer membrane protein YopM (GGNIFBFM_00039)
Lipoprotein YlpA (GGNIFBFM_00046)
41
42
45
47
IMGPR_plasmid_2706794619_000006 26105:38835(+)
IS256 family transposase ISSod4 (LLNCMHFJ_00006)
TTSS secreted effectors (VF1021) (LLNCMHFJ_00002)
Chaperone protein SycT (LLNCMHFJ_00003)
Outer membrane protein YopM (LLNCMHFJ_00007)
8
5
4
1
IMGPR_plasmid_2681813423_000004 183:11824(-)
IS256 family transposase ISSod4 (OEJAEOLL_00041)
TTSS secreted effectors (VF1021) (OEJAEOLL_00045)
Chaperone protein SycT (OEJAEOLL_00044)
IS3 family transposase ISKpn37 (OEJAEOLL_00049)
TTSS secreted effectors (VF1021) (OEJAEOLL_00040)
Lipoprotein YlpA (OEJAEOLL_00047)
39
42
43
46
48
IMGPR_plasmid_2724679342_000006 26440:40091(+)
IS256 family transposase ISSod4 (LALOPOBP_00009)
IS3 family transposase ISKpn20 (LALOPOBP_00002)
TTSS secreted effectors (VF1021) (LALOPOBP_00005)
Chaperone protein SycT (LALOPOBP_00006)
Outer membrane protein YopM (LALOPOBP_00010)
IS3 family transposase ISKpn20 (LALOPOBP_00003)
Lipoprotein YlpA (LALOPOBP_00001)
11
8
7
4
IMGPR_plasmid_2671180927_000006 171:14294(-)
IS200/IS605 family transposase IS1541B (GFIPDMOG_00041)
TTSS secreted effectors (VF1021) (GFIPDMOG_00047)
Replication initiation protein (GFIPDMOG_00043)
Chaperone protein SycT (GFIPDMOG_00048)
Outer membrane protein YopM (GFIPDMOG_00039)
Lipoprotein YlpA (GFIPDMOG_00045)
40
42
44
46
49
50
IMGPR_plasmid_2667528036_000002 26234:42414(+)
Outer membrane protein YopM (EOHMDCFB_00052)
EOHMDCFB_00051
EOHMDCFB_00053
IMGPR_plasmid_2660238100_000002 36296:42770(+)
Outer membrane protein YopM (EOMPKAKP_00002)
EOMPKAKP_00003
IS256 family transposase ISSod4 (EOMPKAKP_00001)
IMGPR_plasmid_2548876672_000005 1087:8213(-)
MADHIFBG_00001
IMGPR_plasmid_2695420550_000003 598:5643(-)
NMIKCJDF_00039
IMGPR_plasmid_2695420717_000003 26222:31267(+)
LEDKMAJG_00039
LEDKMAJG_00038
IMGPR_plasmid_2706794660_000005 25882:31807(+)
LALKKNNP_00001
IMGPR_plasmid_2675903605_000007 65:4554(-)
IS256 family transposase ISSod4 (HLLICKDO_00003)
Outer membrane protein YopM (HLLICKDO_00004)
5
2
1
IMGPR_plasmid_2657245048_000002 255:8198(-)
IS256 family transposase ISSod4 (NKBMNNKB_00045)
Outer membrane protein YopM (NKBMNNKB_00044)
NKBMNNKB_00043
NKBMNNKB_00046
IMGPR_plasmid_2660238241_000001 29068:35878(+)
IS256 family transposase ISSod4 (EGJLPGNE_00005)
IS3 family transposase ISYal1 (EGJLPGNE_00002)
Outer membrane protein YopM (EGJLPGNE_00006)
IS3 family transposase ISYal1 (EGJLPGNE_00001)
7
4
3
IMGPR_plasmid_2724679348_000005 38:8850(-)
IS256 family transposase ISSod4 (IOKCPHHC_00006)
IS3 family transposase ISYal1 (IOKCPHHC_00003)
IS3 family transposase ISYal1 (IOKCPHHC_00002)
Outer membrane protein YopM (IOKCPHHC_00007)
8
5
4
1
IMGPR_plasmid_2700989331_000004 133:9208(-)
IS256 family transposase ISSod4 (GIHBCKOL_00049)
IS3 family transposase ISYal1 (GIHBCKOL_00044)
IS3 family transposase ISYal1 (GIHBCKOL_00043)
Outer membrane protein YopM (GIHBCKOL_00050)
Protein SopB (GIHBCKOL_00037)
38
39
40
41
42
45
46
47
48
IMGPR_plasmid_2700989222_000005 24166:37956(+)
Outer membrane protein YopM (GNKEEBED_00051)
GNKEEBED_00050
GNKEEBED_00049
GNKEEBED_00052
IMGPR_plasmid_2660238490_000001 33318:40587(+)
Outer membrane protein YopM (LFKMFOGG_00002)
LFKMFOGG_00003
LFKMFOGG_00004
LFKMFOGG_00001
IMGPR_plasmid_2681813208_000004 258:7519(-)
6000 nt
Virulence