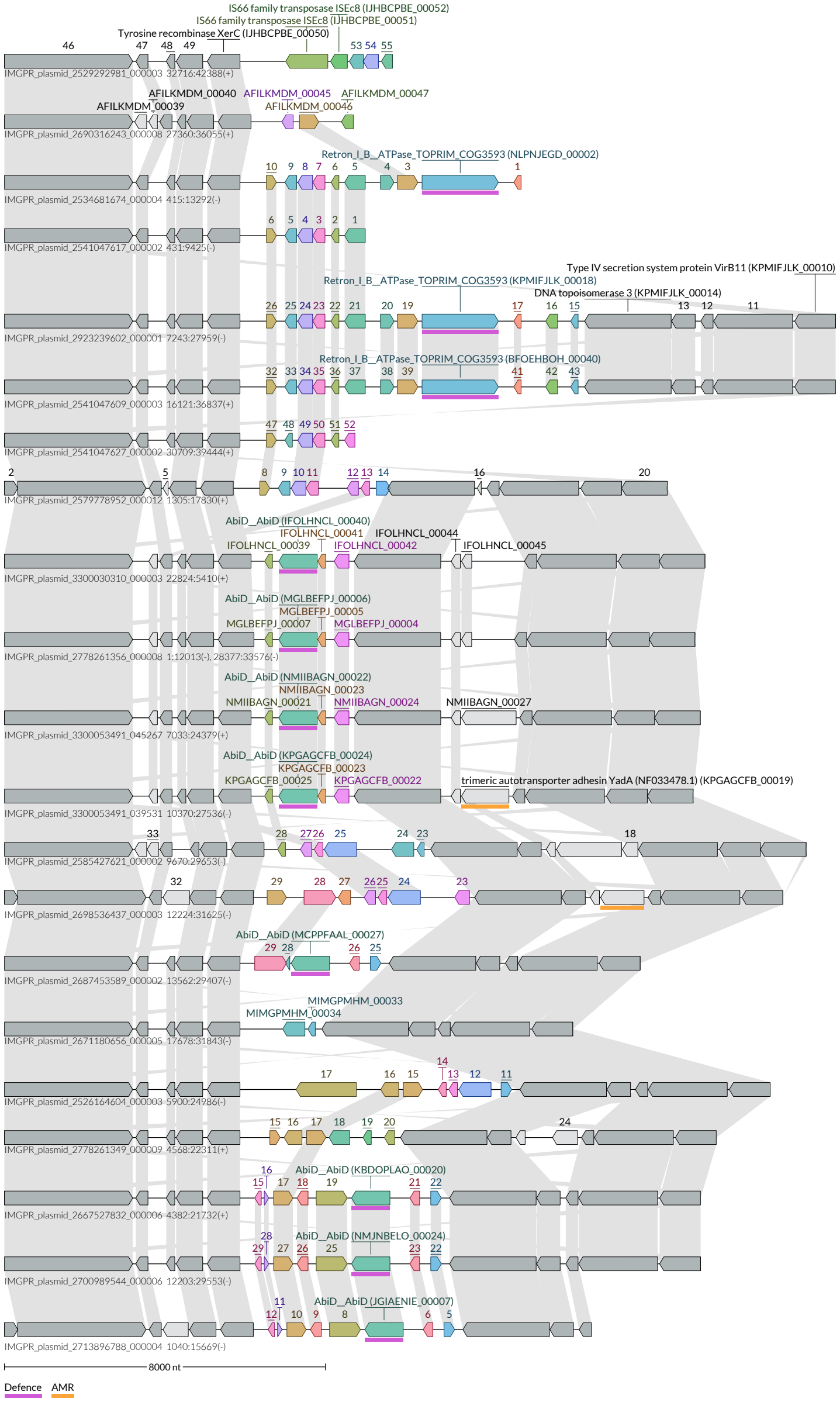
IS66 family transposase ISEc8 (IJHBCPBE_00052)
IS66 family transposase ISEc8 (IJHBCPBE_00051)
Tyrosine recombinase XerC (IJHBCPBE_00050)
46 47 48 49 53 54 55
IMGPR_plasmid_2529292981_000003 32716:42388(+)
AFILKMDM_00040
AFILKMDM_00045
AFILKMDM_00047
AFILKMDM_00039
AFILKMDM_00046
IMGPR_plasmid_2690316243_000008 27360:36055(+)
Retron_I_B__ATPase_TOPRIM_COG3593 (NLPNJEGD_00002)
10 9 8 7 6 5 4 3 1
IMGPR_plasmid_2534681674_000004 415:13292(-)
6 5 4 3 2 1
IMGPR_plasmid_2541047617_000002 431:9425(-)
Type IV secretion system protein VirB11 (KPMIFJLK_00010)
Retron_I_B__ATPase_TOPRIM_COG3593 (KPMIFJLK_00018)
DNA topoisomerase 3 (KPMIFJLK_00014)
26 25 24 23 22 21 20 19 17 16 15 13 12 11
IMGPR_plasmid_2923239602_000001 7243:27959(-)
Retron_I_B__ATPase_TOPRIM_COG3593 (BFOEHBOH_00040)
32 33 34 35 36 37 38 39 41 42 43
IMGPR_plasmid_2541047609_000003 16121:36837(+)
47 48 49 50 51 52
IMGPR_plasmid_2541047627_000002 30709:39444(+)
2 5 8 9 10 11 12 13 14 16 20
IMGPR_plasmid_2579778952_000012 1305:17830(+)
AbiD__AbiD (IFOLHNCL_00040)
IFOLHNCL_00041
IFOLHNCL_00044
IFOLHNCL_00039
IFOLHNCL_00042
IFOLHNCL_00045
IMGPR_plasmid_3300030310_000003 22824:5410(+)
AbiD__AbiD (MGLBEFPJ_00006)
MGLBEFPJ_00005
MGLBEFPJ_00007
MGLBEFPJ_00004
IMGPR_plasmid_2778261356_000008 1:12013(-), 28377:33576(-)
AbiD__AbiD (NMIIBAGN_00022)
NMIIBAGN_00023
NMIIBAGN_00021
NMIIBAGN_00024
NMIIBAGN_00027
IMGPR_plasmid_3300053491_045267 7033:24379(+)
AbiD__AbiD (KPGAGCFB_00024)
KPGAGCFB_00023
KPGAGCFB_00025
KPGAGCFB_00022
trimeric autotransporter adhesin YadA (NF033478.1) (KPGAGCFB_00019)
IMGPR_plasmid_3300053491_039531 10370:27536(-)
33 28 27 26 25 24 23 18
IMGPR_plasmid_2585427621_000002 9670:29653(-)
32 29 28 27 26 25 24 23
IMGPR_plasmid_2698536437_000003 12224:31625(-)
AbiD__AbiD (MCPPFAAL_00027)
29 28 26 25
IMGPR_plasmid_2687453589_000002 13562:29407(-)
MIMGPMHM_00033
MIMGPMHM_00034
IMGPR_plasmid_2671180656_000005 17678:31843(-)
14
17 16 15 13 12 11
IMGPR_plasmid_2526164604_000003 5900:24986(-)
15 16 17 18 19 20 24
IMGPR_plasmid_2778261349_000009 4568:22311(+)
16
AbiD__AbiD (KBDOPLAO_00020)
15 17 18 19 21 22
IMGPR_plasmid_2667527832_000006 4382:21732(+)
28
AbiD__AbiD (NMJNBELO_00024)
29 27 26 25 23 22
IMGPR_plasmid_2700989544_000006 12203:29553(-)
11
AbiD__AbiD (JGIAENIE_00007)
12 10 9 8 6 5
IMGPR_plasmid_2713896788_000004 1040:15669(-)
8000 nt
Defence
AMR