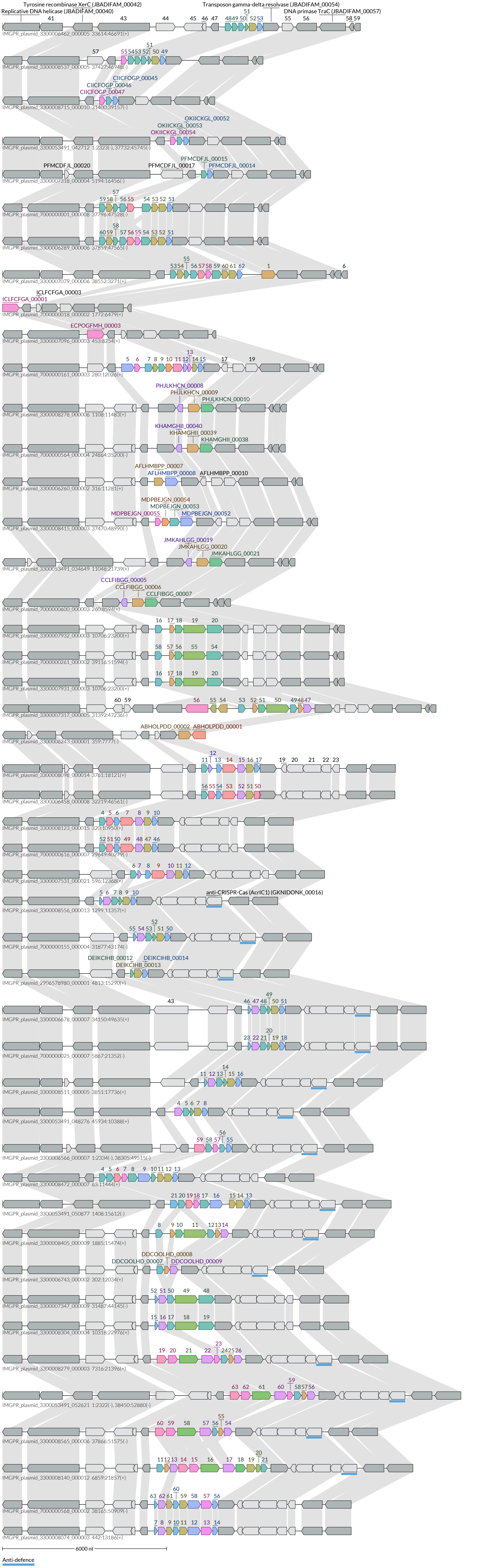
Tyrosine recombinase XerC (JBADIFAM_00042)
Transposon gamma-delta resolvase (JBADIFAM_00054)
Replicative DNA helicase (JBADIFAM_00040)
DNA primase TraC (JBADIFAM_00057)
IMGPR_plasmid_3300006462_000005 33614:46691(+)
IMGPR_plasmid_3300008537_000005 37427:46948(-)
CIICFOGP_00045
CIICFOGP_00046
CIICFOGP_00047
IMGPR_plasmid_3300008715_000010 31400:39157(-)
OKIICKGL_00052
OKIICKGL_00053
OKIICKGL_00054
IMGPR_plasmid_3300053491_042712 1:2323(-), 37732:45745(-)
PFMCDFJL_00020
PFMCDFJL_00017
PFMCDFJL_00015
PFMCDFJL_00014
IMGPR_plasmid_3300007318_000004 5194:16456(-)
IMGPR_plasmid_7000000001_000008 37796:47528(-)
IMGPR_plasmid_3300006289_000006 37859:47565(-)
IMGPR_plasmid_3300007079_000006 38552:3271(+)
ICLFCFGA_00003
ICLFCFGA_00001
IMGPR_plasmid_7000000018_000002 1772:6479(+)
ECPOGFMH_00003
IMGPR_plasmid_3300007096_000003 453:8254(+)
IMGPR_plasmid_7000000161_000003 280:12026(+)
PHJLKHCN_00008
PHJLKHCN_00009
PHJLKHCN_00010
IMGPR_plasmid_3300008278_000006 1108:11483(+)
KHAMGHII_00040
KHAMGHII_00039
KHAMGHII_00038
IMGPR_plasmid_7000000564_000004 24864:35200(-)
AFLHMBPP_00007
AFLHMBPP_00008
AFLHMBPP_00010
IMGPR_plasmid_3300006260_000002 316:11281(+)
MDPBEJGN_00054
MDPBEJGN_00053
MDPBEJGN_00055
MDPBEJGN_00052
IMGPR_plasmid_3300008415_000003 37470:48990(-)
JMKAHLGG_00019
JMKAHLGG_00020
JMKAHLGG_00021
IMGPR_plasmid_3300053491_034649 11048:21739(+)
CCLFIBGG_00005
CCLFIBGG_00006
CCLFIBGG_00007
IMGPR_plasmid_7000000600_000003 260:8594(+)
IMGPR_plasmid_3300007932_000003 10706:23200(+)
IMGPR_plasmid_7000000261_000002 39116:51594(-)
IMGPR_plasmid_3300007931_000003 10706:23200(+)
IMGPR_plasmid_3300007317_000005 31392:47236(-)
ABHOLPDD_00002
ABHOLPDD_00001
IMGPR_plasmid_3300006243_000001 359:7777(-)
IMGPR_plasmid_3300008098_000014 3761:18121(+)
IMGPR_plasmid_3300006458_000008 32219:46561(-)
IMGPR_plasmid_3300008123_000015 320:10950(+)
IMGPR_plasmid_7000000616_000007 29649:40279(-)
IMGPR_plasmid_3300007531_000021 596:12368(+)
anti-CRISPR-Cas (AcrIC1) (GKNIDONK_00016)
IMGPR_plasmid_3300008556_000013 1299:11357(+)
IMGPR_plasmid_7000000155_000004 31877:43174(-)
DEIKCIHB_00012
DEIKCIHB_00014
DEIKCIHB_00013
IMGPR_plasmid_2906578980_000001 4813:15290(+)
IMGPR_plasmid_3300006678_000007 34150:49635(+)
IMGPR_plasmid_7000000025_000007 5867:21352(-)
IMGPR_plasmid_3300008511_000005 3851:17736(+)
IMGPR_plasmid_3300053491_048276 45934:10388(+)
IMGPR_plasmid_3300006566_000007 1:2334(-), 38305:49515(-)
IMGPR_plasmid_3300008472_000007 63:11444(+)
IMGPR_plasmid_3300053491_050877 1408:15612(-)
IMGPR_plasmid_3300008405_000009 1885:15474(+)
DDCOOLHD_00008
DDCOOLHD_00007
DDCOOLHD_00009
IMGPR_plasmid_3300006743_000002 302:12034(+)
IMGPR_plasmid_3300007347_000009 31487:44145(-)
IMGPR_plasmid_3300008304_000004 10318:22976(+)
IMGPR_plasmid_3300008279_000003 7316:21396(+)
IMGPR_plasmid_3300053491_052621 1:2322(-), 38450:52880(-)
IMGPR_plasmid_3300008565_000006 37866:51575(-)
IMGPR_plasmid_3300008140_000012 6859:21857(+)
IMGPR_plasmid_7000000568_000002 38165:50909(-)
IMGPR_plasmid_3300008074_000003 442:13186(+)
6000 nt
Anti-defence