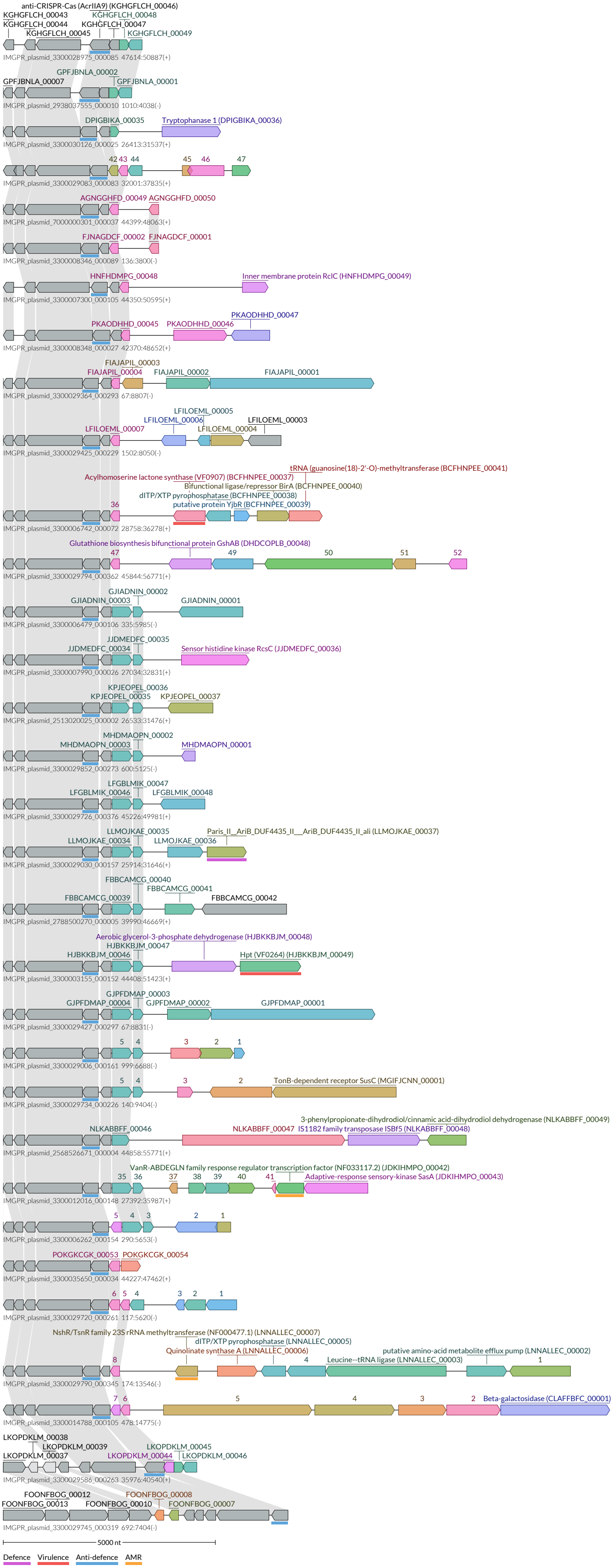
anti-CRISPR-Cas (AcrIIA9) (KGHGFLCH_00046)
KGHGFLCH_00043
KGHGFLCH_00048
KGHGFLCH_00044
KGHGFLCH_00047
KGHGFLCH_00045
KGHGFLCH_00049
IMGPR_plasmid_3300028975_000085 47614:50887(+)
GPFJBNLA_00002
GPFJBNLA_00007
GPFJBNLA_00001
IMGPR_plasmid_2938037555_000010 1010:4038(-)
DPIGBIKA_00035
Tryptophanase 1 (DPIGBIKA_00036)
IMGPR_plasmid_3300030126_000025 26413:31537(+)
42 43 44 45 46 47
IMGPR_plasmid_3300029083_000083 32001:37835(+)
AGNGGHFD_00049 AGNGGHFD_00050
IMGPR_plasmid_7000000301_000037 44399:48063(+)
FJNAGDCF_00002 FJNAGDCF_00001
IMGPR_plasmid_3300008346_000089 136:3800(-)
HNFHDMPG_00048
Inner membrane protein RclC (HNFHDMPG_00049)
IMGPR_plasmid_3300007300_000105 44350:50595(+)
PKAODHHD_00047
PKAODHHD_00045 PKAODHHD_00046
IMGPR_plasmid_3300008348_000027 42370:48652(+)
FIAJAPIL_00003
FIAJAPIL_00004 FIAJAPIL_00002 FIAJAPIL_00001
IMGPR_plasmid_3300029364_000293 67:8807(-)
LFILOEML_00005
LFILOEML_00006 LFILOEML_00003
LFILOEML_00007 LFILOEML_00004
IMGPR_plasmid_3300029425_000229 1502:8050(-)
tRNA (guanosine(18)-2'-O)-methyltransferase (BCFHNPEE_00041)
Acylhomoserine lactone synthase (VF0907) (BCFHNPEE_00037)
Bifunctional ligase/repressor BirA (BCFHNPEE_00040)
dITP/XTP pyrophosphatase (BCFHNPEE_00038)
36
putative protein YjbR (BCFHNPEE_00039)
IMGPR_plasmid_3300006742_000072 28758:36278(+)
Glutathione biosynthesis bifunctional protein GshAB (DHDCOPLB_00048)
47 49 50 51 52
IMGPR_plasmid_3300029794_000362 45844:56771(+)
GJIADNIN_00002
GJIADNIN_00003 GJIADNIN_00001
IMGPR_plasmid_3300006479_000106 335:5985(-)
JJDMEDFC_00035
JJDMEDFC_00034
Sensor histidine kinase RcsC (JJDMEDFC_00036)
IMGPR_plasmid_3300007990_000026 27034:32831(+)
KPJEOPEL_00036
KPJEOPEL_00035 KPJEOPEL_00037
IMGPR_plasmid_2513020025_000002 26533:31476(+)
MHDMAOPN_00002
MHDMAOPN_00003 MHDMAOPN_00001
IMGPR_plasmid_3300029852_000273 600:5125(-)
LFGBLMIK_00047
LFGBLMIK_00046 LFGBLMIK_00048
IMGPR_plasmid_3300029726_000376 45226:49981(+)
LLMOJKAE_00035
Paris_II__AriB_DUF4435_II__AriB_DUF4435_II_ali (LLMOJKAE_00037)
LLMOJKAE_00034 LLMOJKAE_00036
IMGPR_plasmid_3300029030_000157 25914:31646(+)
FBBCAMCG_00040
FBBCAMCG_00041
FBBCAMCG_00039 FBBCAMCG_00042
IMGPR_plasmid_2788500270_000005 39990:46669(+)
Aerobic glycerol-3-phosphate dehydrogenase (HJBKKBJM_00048)
HJBKKBJM_00047
HJBKKBJM_00046
Hpt (VF0264) (HJBKKBJM_00049)
IMGPR_plasmid_3300003155_000152 44408:51423(+)
GJPFDMAP_00003
GJPFDMAP_00004 GJPFDMAP_00002 GJPFDMAP_00001
IMGPR_plasmid_3300029427_000297 67:8831(-)
5 4 3 2 1
IMGPR_plasmid_3300029006_000161 999:6688(-)
5 4 3 2
TonB-dependent receptor SusC (MGIFJCNN_00001)
IMGPR_plasmid_3300029734_000226 140:9404(-)
3-phenylpropionate-dihydrodiol/cinnamic acid-dihydrodiol dehydrogenase (NLKABBFF_00049)
NLKABBFF_00046
NLKABBFF_00047 IS1182 family transposase ISBf5 (NLKABBFF_00048)
IMGPR_plasmid_2568526671_000004 44858:55771(+)
VanR-ABDEGLN family response regulator transcription factor (NF033117.2) (JDKIHMPO_00042)
35 36 37 38 39 40 41
Adaptive-response sensory-kinase SasA (JDKIHMPO_00043)
IMGPR_plasmid_3300012016_000148 27392:35987(+)
5 4 3 2 1
IMGPR_plasmid_3300006262_000154 290:5653(-)
POKGKCGK_00053 POKGKCGK_00054
IMGPR_plasmid_3300035650_000034 44227:47462(+)
6 5 4 3 2 1
IMGPR_plasmid_3300029720_000261 117:5620(-)
NshR/TsnR family 23S rRNA methyltransferase (NF000477.1) (LNNALLEC_00007)
dITP/XTP pyrophosphatase (LNNALLEC_00005)
Quinolinate synthase A (LNNALLEC_00006)
putative amino-acid metabolite efflux pump (LNNALLEC_00002)
8 4
Leucine--tRNA ligase (LNNALLEC_00003) 1
IMGPR_plasmid_3300029790_000345 174:13546(-)
7 6 5 4 3 2
Beta-galactosidase (CLAFFBFC_00001)
IMGPR_plasmid_3300014788_000105 478:14775(-)
LKOPDKLM_00038
LKOPDKLM_00039
LKOPDKLM_00045
LKOPDKLM_00037
LKOPDKLM_00044 LKOPDKLM_00046
IMGPR_plasmid_3300029586_000263 35976:40540(+)
FOONFBOG_00012
FOONFBOG_00008
FOONFBOG_00013
FOONFBOG_00010 FOONFBOG_00007
IMGPR_plasmid_3300029745_000319 692:7404(-)
5000 nt
Defence
Virulence
Anti-defence
AMR