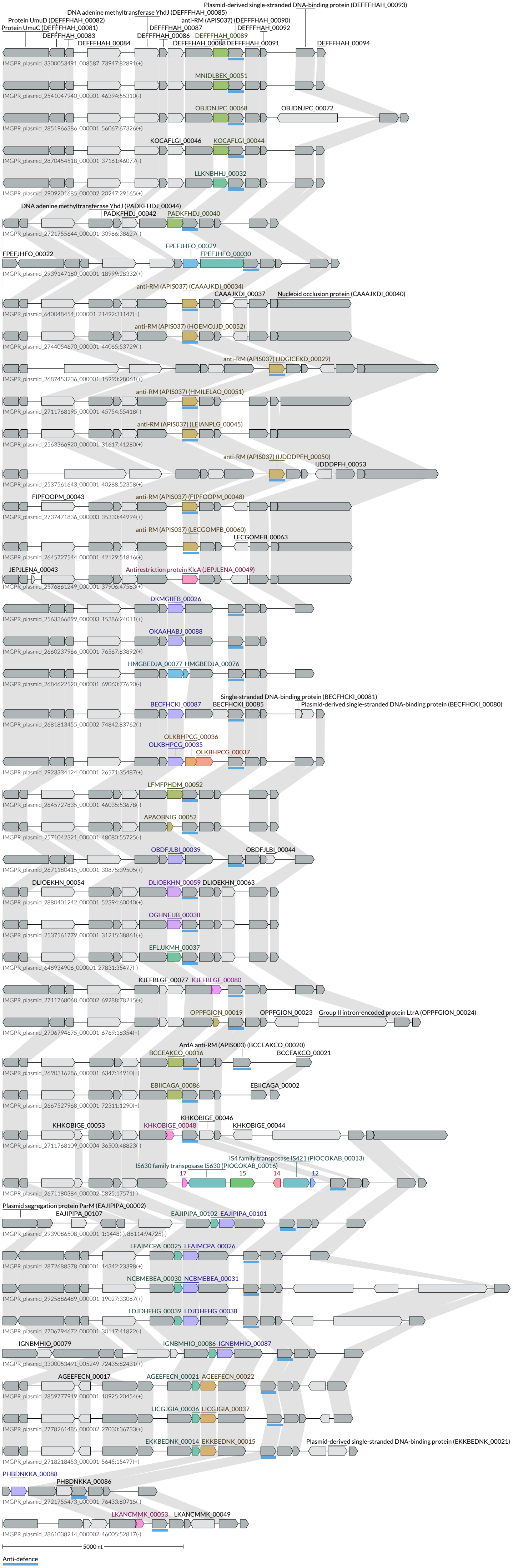
Plasmid-derived single-stranded DNA-binding protein (DEFFFHAH_00093)
DNA adenine methyltransferase YhdJ (DEFFFHAH_00085)
Protein UmuD (DEFFFHAH_00082)
Protein UmuC (DEFFFHAH_00081)
anti-RM (APIS037) (DEFFFHAH_00090)
DEFFFHAH_00087
DEFFFHAH_00092
DEFFFHAH_00083
DEFFFHAH_00086
DEFFFHAH_00089
DEFFFHAH_00084
DEFFFHAH_00088
DEFFFHAH_00091
DEFFFHAH_00094
IMGPR_plasmid_3300053491_008587 73947:82891(+)
MNIDLBEK_00051
IMGPR_plasmid_2541047940_000001 46394:55310(-)
OBJDNJPC_00068
OBJDNJPC_00072
IMGPR_plasmid_2851966386_000001 56067:67326(+)
KOCAFLGI_00046
KOCAFLGI_00044
IMGPR_plasmid_2870454518_000001 37161:46077(-)
LLKNBHHJ_00032
IMGPR_plasmid_2909201685_000002 20247:29165(+)
DNA adenine methyltransferase YhdJ (PADKFHDJ_00044)
PADKFHDJ_00042
PADKFHDJ_00040
IMGPR_plasmid_2721755644_000001 30986:38627(-)
FPEFJHFO_00029
FPEFJHFO_00022
FPEFJHFO_00030
IMGPR_plasmid_2939147180_000001 18999:28332(+)
anti-RM (APIS037) (CAAAJKDI_00034)
CAAAJKDI_00037
Nucleoid occlusion protein (CAAAJKDI_00040)
IMGPR_plasmid_640048454_000001 21492:31147(+)
anti-RM (APIS037) (HOEMOJJD_00052)
IMGPR_plasmid_2744054670_000001 44065:53729(-)
anti-RM (APIS037) (JDGICEKD_00029)
IMGPR_plasmid_2687453236_000001 15990:28061(+)
anti-RM (APIS037) (HMILELAO_00051)
IMGPR_plasmid_2711768195_000001 45754:55418(-)
anti-RM (APIS037) (LEIANPLG_00045)
IMGPR_plasmid_2563366920_000001 31617:41280(+)
anti-RM (APIS037) (IJDDDPFH_00050)
IJDDDPFH_00053
IMGPR_plasmid_2537561643_000001 40288:52358(+)
FIPFOOPM_00043
anti-RM (APIS037) (FIPFOOPM_00048)
IMGPR_plasmid_2737471836_000003 35330:44994(+)
anti-RM (APIS037) (LECGOMFB_00060)
LECGOMFB_00063
IMGPR_plasmid_2645727544_000001 42129:51816(+)
JEPJLENA_00043
Antirestriction protein KlcA (JEPJLENA_00049)
IMGPR_plasmid_2576861249_000001 37906:47583(+)
DKMGIIFB_00026
IMGPR_plasmid_2563366899_000003 15386:24011(+)
OKAAHABJ_00088
IMGPR_plasmid_2660237966_000001 76567:83892(+)
HMGBEDJA_00077
HMGBEDJA_00076
IMGPR_plasmid_2684622520_000001 69060:77690(-)
Single-stranded DNA-binding protein (BECFHCKI_00081)
BECFHCKI_00087
BECFHCKI_00085
Plasmid-derived single-stranded DNA-binding protein (BECFHCKI_00080)
IMGPR_plasmid_2681813455_000002 74842:83762(-)
OLKBHPCG_00036
OLKBHPCG_00035
OLKBHPCG_00037
IMGPR_plasmid_2923334124_000001 26571:35487(+)
LFMFPHDM_00052
IMGPR_plasmid_2645727835_000001 46035:53678(-)
APAOBNIG_00052
IMGPR_plasmid_2571042321_000001 48080:55725(-)
OBDFJLBI_00039
OBDFJLBI_00044
IMGPR_plasmid_2671180415_000001 30875:39505(+)
DLIOEKHN_00054
DLIOEKHN_00059
DLIOEKHN_00063
IMGPR_plasmid_2880401242_000001 52394:60040(+)
OGHNEIJB_00038
IMGPR_plasmid_2537561779_000001 31215:38861(+)
EFLJJKMH_00037
IMGPR_plasmid_648934906_000001 27831:35477(-)
KJEFBLGF_00077
KJEFBLGF_00080
IMGPR_plasmid_2711768068_000002 69288:78215(+)
OPPFGION_00019
OPPFGION_00023
Group II intron-encoded protein LtrA (OPPFGION_00024)
IMGPR_plasmid_2706794675_000001 6769:18354(+)
ArdA anti-RM (APIS003) (BCCEAKCO_00020)
BCCEAKCO_00016
BCCEAKCO_00021
IMGPR_plasmid_2690316286_000001 6347:14910(+)
EBIICAGA_00086
EBIICAGA_00002
IMGPR_plasmid_2667527968_000001 72311:1290(+)
KHKOBIGE_00046
KHKOBIGE_00053
KHKOBIGE_00048
KHKOBIGE_00044
IMGPR_plasmid_2711768109_000004 36500:48823(-)
IS4 family transposase IS421 (PIOCOKAB_00013)
IS630 family transposase IS630 (PIOCOKAB_00016)
17
15
14
12
IMGPR_plasmid_2671180384_000002 5825:17571(-)
Plasmid segregation protein ParM (EAJIPIPA_00002)
EAJIPIPA_00107
EAJIPIPA_00102
EAJIPIPA_00101
IMGPR_plasmid_2939086508_000001 1:1448(-), 86114:94725(-)
LFAIMCPA_00025
LFAIMCPA_00026
IMGPR_plasmid_2872688378_000001 14342:23398(+)
NCBMEBEA_00030
NCBMEBEA_00031
IMGPR_plasmid_2925886489_000001 19027:33087(+)
LDJDHFHG_00039
LDJDHFHG_00038
IMGPR_plasmid_2706794672_000001 30117:41822(-)
IGNBMHIO_00079
IGNBMHIO_00086
IGNBMHIO_00087
IMGPR_plasmid_3300053491_005249 72435:82431(+)
AGEEFECN_00017
AGEEFECN_00021
AGEEFECN_00022
IMGPR_plasmid_2859777919_000001 10925:20454(+)
LICGJGIA_00036
LICGJGIA_00037
IMGPR_plasmid_2778261485_000002 27030:36733(+)
EKKBEDNK_00014
EKKBEDNK_00015
Plasmid-derived single-stranded DNA-binding protein (EKKBEDNK_00021)
IMGPR_plasmid_2718218453_000001 5645:15477(+)
PHBDNKKA_00088
PHBDNKKA_00086
IMGPR_plasmid_2721755473_000001 76433:80715(-)
LKANCMMK_00053
LKANCMMK_00049
IMGPR_plasmid_2861038214_000002 46005:52817(-)
5000 nt
Anti-defence