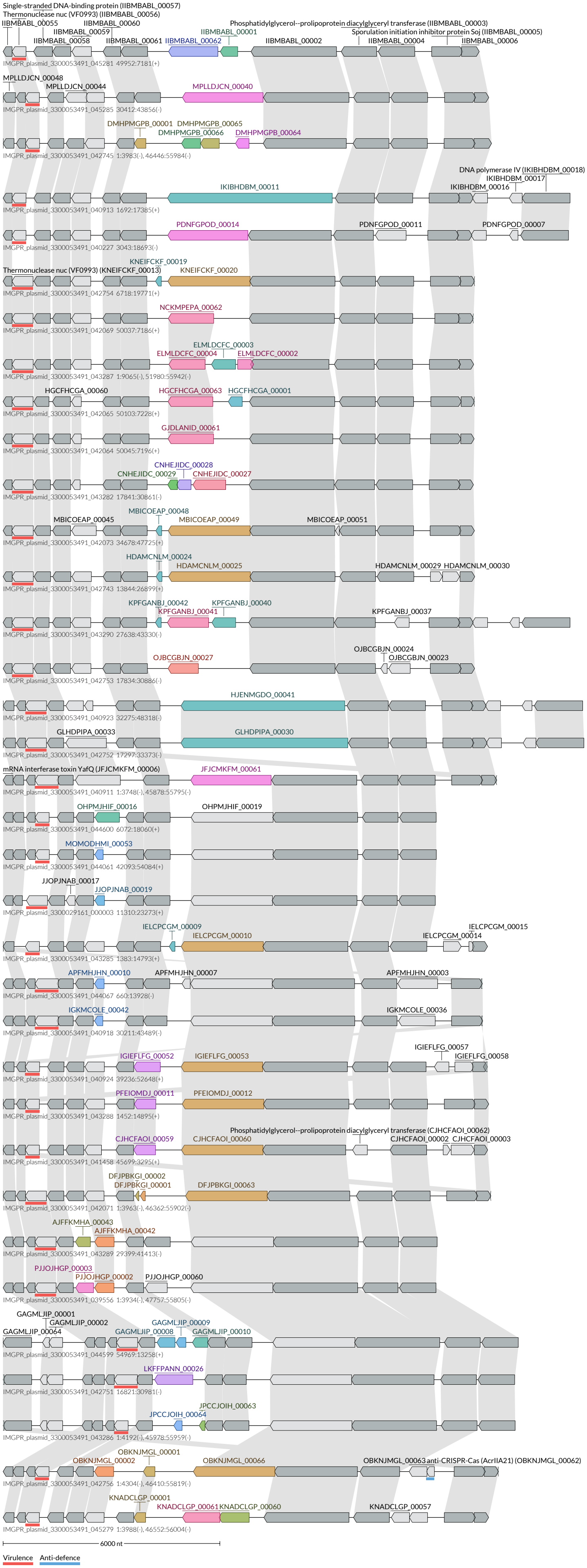
Single-stranded DNA-binding protein (IIBMBABL_00057)
Thermonuclease nuc (VF0993) (IIBMBABL_00056)
IIBMBABL_00055
IIBMBABL_00060
IIBMBABL_00059
IIBMBABL_00058
IIBMBABL_00061
IIBMBABL_00062
IIBMBABL_00001
Phosphatidylglycerol--prolipoprotein diacylglyceryl transferase (IIBMBABL_00003)
Sporulation initiation inhibitor protein Soj (IIBMBABL_00005)
IIBMBABL_00002
IIBMBABL_00004
IIBMBABL_00006
IMGPR_plasmid_3300053491_045281 49952:7181(+)
MPLLDJCN_00048
MPLLDJCN_00044
MPLLDJCN_00040
IMGPR_plasmid_3300053491_045285 30412:43856(-)
DMHPMGPB_00001
DMHPMGPB_00065
DMHPMGPB_00066
DMHPMGPB_00064
IMGPR_plasmid_3300053491_042745 1:3983(-), 46446:55984(-)
DNA polymerase IV (IKIBHDBM_00018)
IKIBHDBM_00017
IKIBHDBM_00011
IKIBHDBM_00016
IMGPR_plasmid_3300053491_040913 1692:17385(+)
PDNFGPOD_00014
PDNFGPOD_00011
PDNFGPOD_00007
IMGPR_plasmid_3300053491_040227 3043:18693(-)
KNEIFCKF_00019
Thermonuclease nuc (VF0993) (KNEIFCKF_00013)
KNEIFCKF_00020
IMGPR_plasmid_3300053491_042754 6718:19771(+)
NCKMPEPA_00062
IMGPR_plasmid_3300053491_042069 50037:7186(+)
ELMLDCFC_00003
ELMLDCFC_00004
ELMLDCFC_00002
IMGPR_plasmid_3300053491_043287 1:9065(-), 51980:55942(-)
HGCFHCGA_00060
HGCFHCGA_00063
HGCFHCGA_00001
IMGPR_plasmid_3300053491_042065 50103:7228(+)
GJDLANID_00061
IMGPR_plasmid_3300053491_042064 50045:7196(+)
CNHEJIDC_00028
CNHEJIDC_00029
CNHEJIDC_00027
IMGPR_plasmid_3300053491_043282 17841:30861(-)
MBICOEAP_00048
MBICOEAP_00045
MBICOEAP_00049
MBICOEAP_00051
IMGPR_plasmid_3300053491_042073 34678:47725(+)
HDAMCNLM_00024
HDAMCNLM_00025
HDAMCNLM_00029
HDAMCNLM_00030
IMGPR_plasmid_3300053491_042743 13844:26899(+)
KPFGANBJ_00042
KPFGANBJ_00040
KPFGANBJ_00041
KPFGANBJ_00037
IMGPR_plasmid_3300053491_043290 27638:43330(-)
OJBCGBJN_00024
OJBCGBJN_00027
OJBCGBJN_00023
IMGPR_plasmid_3300053491_042753 17834:30886(-)
HJENMGDO_00041
IMGPR_plasmid_3300053491_040923 32275:48318(-)
GLHDPIPA_00033
GLHDPIPA_00030
IMGPR_plasmid_3300053491_042752 17297:33373(-)
mRNA interferase toxin YafQ (JFJCMKFM_00006)
JFJCMKFM_00061
IMGPR_plasmid_3300053491_040911 1:3748(-), 45878:55795(-)
OHPMJHIF_00016
OHPMJHIF_00019
IMGPR_plasmid_3300053491_044600 6072:18060(+)
MOMODHMI_00053
IMGPR_plasmid_3300053491_044061 42093:54084(+)
JJOPJNAB_00017
JJOPJNAB_00019
IMGPR_plasmid_3300029161_000003 11310:23273(+)
IELCPCGM_00009
IELCPCGM_00010
IELCPCGM_00015
IELCPCGM_00014
IMGPR_plasmid_3300053491_043285 1383:14793(+)
APFMHJHN_00010
APFMHJHN_00007
APFMHJHN_00003
IMGPR_plasmid_3300053491_044067 660:13928(-)
IGKMCOLE_00042
IGKMCOLE_00036
IMGPR_plasmid_3300053491_040918 30211:43489(-)
IGIEFLFG_00057
IGIEFLFG_00052
IGIEFLFG_00053
IGIEFLFG_00058
IMGPR_plasmid_3300053491_040924 39236:52648(+)
PFEIOMDJ_00011
PFEIOMDJ_00012
IMGPR_plasmid_3300053491_043288 1452:14895(+)
Phosphatidylglycerol--prolipoprotein diacylglyceryl transferase (CJHCFAOI_00062)
CJHCFAOI_00059
CJHCFAOI_00060
CJHCFAOI_00002
CJHCFAOI_00003
IMGPR_plasmid_3300053491_041458 45699:3295(+)
DFJPBKGI_00002
DFJPBKGI_00001
DFJPBKGI_00063
IMGPR_plasmid_3300053491_042071 1:3963(-), 46362:55902(-)
AJFFKMHA_00043
AJFFKMHA_00042
IMGPR_plasmid_3300053491_043289 29399:41413(-)
PJJOJHGP_00003
PJJOJHGP_00002
PJJOJHGP_00060
IMGPR_plasmid_3300053491_039556 1:3934(-), 47757:55805(-)
GAGMLJIP_00001
GAGMLJIP_00002
GAGMLJIP_00009
GAGMLJIP_00008
GAGMLJIP_00010
IMGPR_plasmid_3300053491_044599 54969:13258(+)
LKFFPANN_00026
IMGPR_plasmid_3300053491_042751 16821:30981(-)
JPCCJOIH_00063
JPCCJOIH_00064
IMGPR_plasmid_3300053491_043286 1:4192(-), 45978:55959(-)
OBKNJMGL_00001
OBKNJMGL_00002
OBKNJMGL_00066
OBKNJMGL_00063
anti-CRISPR-Cas (AcrIIA21) (OBKNJMGL_00062)
IMGPR_plasmid_3300053491_042756 1:4304(-), 46410:55819(-)
KNADCLGP_00001
KNADCLGP_00061
KNADCLGP_00060
KNADCLGP_00057
IMGPR_plasmid_3300053491_045279 1:3988(-), 46552:56004(-)
6000 nt
Virulence
Anti-defence