Pld (VF0491) (FPNPEFEF_00004)
FPNPEFEF_00001
FPNPEFEF_00003
Fertility inhibition protein (FPNPEFEF_00006)
FPNPEFEF_00002
FPNPEFEF_00005
IMGPR_plasmid_2563366799_000001 126:5135(+)
BAPBAMNB_00055
IMGPR_plasmid_3300015613_000014 42951:48875(-)
GEEPAEAO_00070
GEEPAEAO_00071
IMGPR_plasmid_2711768187_000004 52934:59308(-)
JOKHMJBH_00001
JOKHMJBH_00003
JOKHMJBH_00002
IMGPR_plasmid_2744054526_000001 98:7092(+)
Clamp-binding protein CrfC (EEFLDPJD_00001)
EEFLDPJD_00002
IS30 family transposase ISCfr4 (EEFLDPJD_00004)
EEFLDPJD_00003
IMGPR_plasmid_2713896773_000003 205:11413(+)
LOGMPCMH_00074
Multifunctional conjugation protein TraI (LOGMPCMH_00075)
IMGPR_plasmid_2876339068_000001 59435:64087(+)
Putative transposon Tn552 DNA-invertase bin3 (DGAJKCAN_00002)
ISNCY family transposase ISRor2 (DGAJKCAN_00003)
1
4
5
6
IMGPR_plasmid_2938709436_000001 320:9361(+)
mRNA interferase toxin RelE (NOEMMGLN_00005)
Tyrosine recombinase XerC (NOEMMGLN_00003)
Antitoxin RelB (NOEMMGLN_00004)
1
2
6
7
IMGPR_plasmid_2814123056_000002 31:9507(+)
mRNA interferase toxin RelE (LDCBOMME_00062)
Tyrosine recombinase XerC (LDCBOMME_00064)
Antitoxin RelB (LDCBOMME_00063)
65
61
60
IMGPR_plasmid_2937729633_000005 47673:56272(-)
70
69
68
67
66
65
Multifunctional conjugation protein TraI (NMPPIIPJ_00061)
Coupling protein TraD (NMPPIIPJ_00060)
IMGPR_plasmid_2663763142_000004 44227:58976(-)
IS5 family transposase ISKpn26 (DECBBINO_00001)
Tn3 family transposase (DECBBINO_00009)
2
3
4
5
6
7
8
Serine recombinase PinR (DECBBINO_00010)
IMGPR_plasmid_2671180749_000012 69:13435(+)
Tn3 family transposase (CNIAIDNC_00008)
1
2
3
4
5
6
7
Serine recombinase PinR (CNIAIDNC_00009)
IMGPR_plasmid_2671180683_000010 551:12930(+)
IS5 family transposase ISKpn26 (DPBMOFFH_00001)
Tn3 family transposase (DPBMOFFH_00009)
2
3
4
5
6
7
8
Serine recombinase PinR (DPBMOFFH_00010)
IMGPR_plasmid_2703718677_000010 39:13561(+)
IS5 family transposase ISKpn26 (LNKCLMKO_00077)
Tn3 family transposase (LNKCLMKO_00069)
76
75
74
73
72
71
70
Serine recombinase PinR (LNKCLMKO_00068)
IMGPR_plasmid_2703718697_000009 54706:68624(-)
IS5 family transposase ISKpn26 (EBOGMBPK_00083)
82
81
80
79
78
77
76
IMGPR_plasmid_2690316068_000002 61849:71489(-)
SOS response-associated protein YedK (OJEGPHNC_00005)
DNA adenine methyltransferase YhdJ (OJEGPHNC_00004)
ArdA anti-RM (APIS003) (OJEGPHNC_00001)
Putative transposon Tn552 DNA-invertase bin3 (OJEGPHNC_00015)
Nucleoid occlusion protein (OJEGPHNC_00010)
Protein UmuD (OJEGPHNC_00006)
mRNA interferase toxin RelE (OJEGPHNC_00013)
Protein UmuC (OJEGPHNC_00007)
PD-T4-5__PD-T4-5 (OJEGPHNC_00018)
70
2
3
8
9
11
12
14
16
17
19
20
21
IMGPR_plasmid_2602042067_000001 60480:20942(+)
8000 nt
Defence
Virulence
Anti-defence