Relaxosome protein TraM (HFOJAEMJ_00036)
KlcA anti-RM (APIS007) (HFOJAEMJ_00038)
TraJ (VF0241) (HFOJAEMJ_00035)
Pilin (HFOJAEMJ_00033)
30 31 32 34 37 39
IMGPR_plasmid_3300027111_000004 31122:37435(+)
Relaxosome protein TraM (PCPAJJJK_00035)
KlcA anti-RM (APIS007) (PCPAJJJK_00037)
TraJ (VF0241) (PCPAJJJK_00034)
36 38
IMGPR_plasmid_3300006946_000007 30381:36439(+)
Relaxosome protein TraM (CAEHFEBA_00003)
TraJ (VF0241) (CAEHFEBA_00004)
CAEHFEBA_00002 CAEHFEBA_00001
IMGPR_plasmid_3300013023_000004 2:6120(-)
Relaxosome protein TraM (FIEPAKHN_00039)
TraJ (VF0241) (FIEPAKHN_00038) Antirestriction protein KlcA (FIEPAKHN_00041)
FIEPAKHN_00040
IMGPR_plasmid_2751185950_000002 33117:38358(+)
Relaxosome protein TraM (IKMIEOJN_00037)
TraJ (VF0241) (IKMIEOJN_00036) Antirestriction protein KlcA (IKMIEOJN_00039)
IKMIEOJN_00038
IMGPR_plasmid_3300012075_000004 30162:35402(+)
mRNA interferase toxin RelE (LFCOKFCA_00043)
Relaxosome protein TraM (LFCOKFCA_00037)
TraJ (VF0241) (LFCOKFCA_00036) Protein UmuC (LFCOKFCA_00041)
38 39 40 42 44 45 46
IMGPR_plasmid_2767802165_000002 32232:42349(+)
Attachment invasion locus protein (IDJOCJMH_00002)
Fertility inhibition protein (IDJOCJMH_00009)
putative protein YjiK (IDJOCJMH_00001)
3 4 5 6 7 8 1011 12 13
IMGPR_plasmid_2541047613_000001 80:11584(+)
Attachment invasion locus protein (JKEJNEPI_00053)
putative protein YjiK (JKEJNEPI_00054) Fertility inhibition protein (JKEJNEPI_00045)
52 51 50 49 48 47 46 4443 42
IMGPR_plasmid_2519899741_000001 31092:42597(-)
Attachment invasion locus protein (EGDDNJFL_00069)
Fertility inhibition protein (EGDDNJFL_00062)
putative protein YjiK (EGDDNJFL_00070)
68 67 66 65 64 63 6160 59
IMGPR_plasmid_2519899739_000001 46187:57683(-)
Attachment invasion locus protein (MAFBIHMG_00069)
Fertility inhibition protein (MAFBIHMG_00062)
putative protein YjiK (MAFBIHMG_00070)
68 67 66 65 64 63 6160 59
IMGPR_plasmid_2519899726_000001 46187:57409(-)
Attachment invasion locus protein (MKJIEPKE_00002)
Fertility inhibition protein (MKJIEPKE_00009)
putative protein YjiK (MKJIEPKE_00001)
3 4 5 6 7 8 1011 12
IMGPR_plasmid_2541047622_000001 24:11246(+)
Attachment invasion locus protein (NMHIBKCI_00069)
Fertility inhibition protein (NMHIBKCI_00062)
putative protein YjiK (NMHIBKCI_00070)
68 67 66 65 64 63 6160 59
IMGPR_plasmid_2541047629_000001 46186:57400(-)
Attachment invasion locus protein (ECOHDKCI_00002)
Fertility inhibition protein (ECOHDKCI_00009)
putative protein YjiK (ECOHDKCI_00001)
3 4 5 6 7 8 1011 12
IMGPR_plasmid_2519899629_000001 24:11238(+)
Thiol:disulfide interchange protein DsbA (IHLNOKEN_00072)
Attachment invasion locus protein (IHLNOKEN_00069)
putative protein YjiK (IHLNOKEN_00070) Fertility inhibition protein (IHLNOKEN_00062)
71 68 67 66 65 64 63 6160 59
IMGPR_plasmid_2541047640_000001 46185:58368(-)
Thiol:disulfide interchange protein DsbA (NEIONNMK_00050)
Attachment invasion locus protein (NEIONNMK_00047)
putative protein YjiK (NEIONNMK_00048) Fertility inhibition protein (NEIONNMK_00040)
49 46 45 44 43 42 41 3938 37
IMGPR_plasmid_2541047639_000001 27950:40141(-)
Thiol:disulfide interchange protein DsbA (KIOOLBPI_00001)
HTH-type transcriptional activator RhaS (KIOOLBPI_00005)
Attachment invasion locus protein (KIOOLBPI_00004)
putative protein YjiK (KIOOLBPI_00003) Fertility inhibition protein (KIOOLBPI_00011)
2 6 7 8 9 10 1213 14
IMGPR_plasmid_2519899628_000001 10:12192(+)
Transcriptional regulatory protein RcsB (NECOPEDK_00007)
Thiol:disulfide interchange protein DsbA (NECOPEDK_00009)
Attachment invasion locus protein (NECOPEDK_00011)
CupD fimbriae (VF0927) (NECOPEDK_00004)
REPEC fimbriae (VF1142) (NECOPEDK_00003)
Sta (VF0953) (NECOPEDK_00002) 5 6 8 12 13
putative protein YjiK (NECOPEDK_00010)
Fertility inhibition protein (NECOPEDK_00018)
14 15 16 17 1920 21
IMGPR_plasmid_2923263070_000001 1322:20377(+)
7000 nt
Virulence
Anti-defence