Modulating protein YmoA (KLPIMGNJ_00003)
DNA-binding protein StpA (KLPIMGNJ_00002)
DNA topoisomerase 3 (KLPIMGNJ_00004)
KLPIMGNJ_00006
KLPIMGNJ_00007
KLPIMGNJ_00001
KLPIMGNJ_00005
Protein VirD4 (KLPIMGNJ_00008)
IMGPR_plasmid_2636415418_000006 223:7273(+)
NNKBCJNE_00033
IMGPR_plasmid_2778261454_000003 18812:25861(-)
Putative transposon Tn552 DNA-invertase bin3 (MDAPMOFD_00034)
IS1 family transposase IS1A (MDAPMOFD_00032)
Sta (VF0953) (MDAPMOFD_00031)
MDAPMOFD_00033
MDAPMOFD_00036
MDAPMOFD_00035
MDAPMOFD_00030
IMGPR_plasmid_2737471850_000003 16765:28907(-)
HTH-type transcriptional regulator YdeO (OKKCNEJM_00046)
Putative anti-FlhC(2)FlhD(4) factor YdiV (OKKCNEJM_00044)
IMGPR_plasmid_2703718827_000001 29407:40229(-)
HTH-type transcriptional regulator YdeO (BNDMICLB_00040)
Putative anti-FlhC(2)FlhD(4) factor YdiV (BNDMICLB_00038)
Retron_I_B__ATPase_TOPRIM_COG3593 (BNDMICLB_00042)
IMGPR_plasmid_2778261640_000008 22799:36042(-)
Menshen__NsnA (EPPPNHPJ_00003)
EPPPNHPJ_00001
EPPPNHPJ_00002
EPPPNHPJ_00004
EPPPNHPJ_00008
IMGPR_plasmid_2778261182_000004 221:10283(+)
KENEGBBK_00039
KENEGBBK_00037
NLR_like_bNACHT01__NLR_like_bNACHT01 (KENEGBBK_00040)
KENEGBBK_00038
IMGPR_plasmid_2639762873_000002 26960:35996(+)
IS3 family transposase IS2 (IABPKJCE_00041)
DNA-invertase hin (IABPKJCE_00045)
NLR_like_bNACHT01__NLR_like_bNACHT01 (IABPKJCE_00037)
IMGPR_plasmid_2823670853_000004 21783:35610(-)
IMGPR_plasmid_2541047738_000002 30355:41449(+)
IMGPR_plasmid_642481252_000001 1:11025(+)
IMGPR_plasmid_2548877046_000003 10916:27679(+)
IMGPR_plasmid_2541047645_000003 15824:32587(-)
Pl protein (FMKKOAMO_00021)
IMGPR_plasmid_2548877055_000002 14658:32296(+)
MDCBLHKJ_00045
MDCBLHKJ_00047
MDCBLHKJ_00046
IMGPR_plasmid_2534681706_000004 29633:38216(-)
OCDEKLHN_00003
OCDEKLHN_00005
OCDEKLHN_00038
OCDEKLHN_00002
Hna__Hna (OCDEKLHN_00004)
IMGPR_plasmid_2744054938_000001 30533:13591(+)
Retron_I_B__ATPase_TOPRIM_COG3593 (GHCDEHDH_00034)
IMGPR_plasmid_2537562220_000005 16968:37156(+)
Retron_I_B__ATPase_TOPRIM_COG3593 (KCCAIOGP_00047)
IMGPR_plasmid_2534681701_000004 28715:10693(+)
Retron_I_B__ATPase_TOPRIM_COG3593 (DLHOGFOE_00019)
IMGPR_plasmid_2537562222_000003 5910:26098(-)
Retron_I_B__ATPase_TOPRIM_COG3593 (NOBFGLLK_00037)
Protein VirD4 (NOBFGLLK_00048)
IMGPR_plasmid_2537562221_000005 19963:1941(+)
Retron_I_B__ATPase_TOPRIM_COG3593 (LGHEJMPD_00004)
IMGPR_plasmid_2545824710_000003 1:13861(-), 31883:39862(-)
Retron_I_B__ATPase_TOPRIM_COG3593 (DGHHOBFA_00046)
IMGPR_plasmid_2537562219_000003 26661:8639(+)
Retron_I_B__ATPase_TOPRIM_COG3593 (EPFKDFCA_00010)
IMGPR_plasmid_2534681699_000005 2613:19257(+)
Retron_I_B__ATPase_TOPRIM_COG3593 (CNCBJFOL_00027)
IMGPR_plasmid_2541047473_000002 12860:36150(-)
Retron_I_B__ATPase_TOPRIM_COG3593 (KCAEFMOJ_00013)
IS4 family transposase ISVsa5 (KCAEFMOJ_00010)
IMGPR_plasmid_2630968936_000002 3767:22228(+)
Microcin J25 (MDJKPOJH_00049)
IMGPR_plasmid_3300029715_000006 30183:42186(-)
Microcin J25 (GNELDDHE_00031)
ABC transporter (VF0818) (GNELDDHE_00028)
IMGPR_plasmid_3300029653_000006 14119:33741(+)
Retron_I_B__ATPase_TOPRIM_COG3593 (JAPBOANE_00004)
Colicin V secretion protein CvaA (JAPBOANE_00008)
TTSS (VF0172) (JAPBOANE_00047)
RtxA (VF0482) (JAPBOANE_00007)
Microcin E492 (JAPBOANE_00009)
IMGPR_plasmid_3300053491_023107 36811:17191(+)
NLR_like_bNACHT01__NLR_like_bNACHT01 (JDFGAGHJ_00021)
IMGPR_plasmid_3300053491_017306 12875:30261(-)
Type IV secretion system protein VirB11 (KAHGGLBK_00005)
KAHGGLBK_00010
KAHGGLBK_00009
KAHGGLBK_00004
IMGPR_plasmid_2609460093_000001 2692:11197(-)
OPJPFDIM_00045
OPJPFDIM_00043
OPJPFDIM_00038
Hna__Hna (OPJPFDIM_00044)
OPJPFDIM_00039
VirB type IV secretion system (VF0365) (OPJPFDIM_00033)
IMGPR_plasmid_2778261215_000002 20594:35545(-)
IS481 family transposase ISErsp1 (OPPAEOGL_00037)
IS481 family transposase ISErsp1 (OPPAEOGL_00036)
Thermonuclease nuc (VF0993) (OPPAEOGL_00044)
Proteasome-associated ATPase (OPPAEOGL_00042)
IMGPR_plasmid_2731957933_000002 24346:39999(+)
IS481 family transposase ISErsp1 (FODEGEEG_00003)
IS481 family transposase ISErsp1 (FODEGEEG_00002)
FODEGEEG_00004
Hna__Hna (FODEGEEG_00001)
IMGPR_plasmid_2639762944_000001 469:10108(+)
IS481 family transposase ISErsp1 (GAIOMKHC_00041)
IS481 family transposase ISErsp1 (GAIOMKHC_00042)
Hna__Hna (GAIOMKHC_00043)
IMGPR_plasmid_2576861371_000005 26011:37503(-)
IS481 family transposase ISErsp1 (DPBIDJDP_00004)
IS481 family transposase ISErsp1 (DPBIDJDP_00003)
Hna__Hna (DPBIDJDP_00002)
IMGPR_plasmid_2630968546_000001 190:11373(+)
IS481 family transposase ISErsp1 (FOJGHGCL_00002)
IS481 family transposase ISErsp1 (FOJGHGCL_00001)
FOJGHGCL_00003
IMGPR_plasmid_2909201685_000003 370:7124(+)
IS481 family transposase ISErsp1 (MHHALKBK_00034)
IS481 family transposase ISErsp1 (MHHALKBK_00035)
MHHALKBK_00033
IMGPR_plasmid_2645727677_000001 18641:25395(-)
IS481 family transposase ISErsp1 (NDAMBMPL_00003)
IS481 family transposase ISErsp1 (NDAMBMPL_00002)
Hna__Hna (NDAMBMPL_00001)
NDAMBMPL_00004
IMGPR_plasmid_2630968409_000001 282:9060(+)
IS481 family transposase ISErsp1 (INIJEAKA_00043)
IS481 family transposase ISErsp1 (INIJEAKA_00044)
INIJEAKA_00042
INIJEAKA_00045
IMGPR_plasmid_2630968990_000001 29868:37518(-)
IS481 family transposase ISErsp1 (INOEHADD_00002)
IS481 family transposase ISErsp1 (INOEHADD_00001)
INOEHADD_00003
IMGPR_plasmid_641736105_000001 7:6668(+)
IS481 family transposase ISErsp1 (DJJKKMDL_00005)
IS481 family transposase ISErsp1 (DJJKKMDL_00004)
Hna__Hna (DJJKKMDL_00002)
IMGPR_plasmid_2630968407_000001 65:11874(+)
IS481 family transposase ISErsp1 (HHKJAILC_00004)
IS481 family transposase ISErsp1 (HHKJAILC_00003)
IMGPR_plasmid_2519899630_000002 198:9839(+)
IS481 family transposase ISErsp1 (DIDDKKHA_00011)
IS481 family transposase ISErsp1 (DIDDKKHA_00012)
Retron_I_B__ATPase_TOPRIM_COG3593 (DIDDKKHA_00014)
Hna__Hna (DIDDKKHA_00013)
IMGPR_plasmid_2639762902_000001 3276:23188(-)
IS481 family transposase ISErsp1 (KBAGIEJA_00033)
IS481 family transposase ISErsp1 (KBAGIEJA_00032)
Retron_I_B__ATPase_TOPRIM_COG3593 (KBAGIEJA_00030)
Hna__Hna (KBAGIEJA_00031)
IMGPR_plasmid_2636415435_000001 14484:34396(+)
IS481 family transposase ISErsp1 (NOCIGFMK_00033)
IS481 family transposase ISErsp1 (NOCIGFMK_00032)
Retron_I_B__ATPase_TOPRIM_COG3593 (NOCIGFMK_00030)
Hna__Hna (NOCIGFMK_00031)
IMGPR_plasmid_2636415570_000001 13353:34140(+)
IS481 family transposase ISErsp1 (AEEEDDHD_00037)
IS481 family transposase ISErsp1 (AEEEDDHD_00038)
Retron_I_B__ATPase_TOPRIM_COG3593 (AEEEDDHD_00040)
Hna__Hna (AEEEDDHD_00039)
IMGPR_plasmid_2630968427_000001 20733:37285(-)
IS481 family transposase ISErsp1 (AEIFPIDA_00010)
IS481 family transposase ISErsp1 (AEIFPIDA_00009)
Retron_I_B__ATPase_TOPRIM_COG3593 (AEIFPIDA_00007)
Hna__Hna (AEIFPIDA_00008)
IMGPR_plasmid_2630968447_000001 112:18086(+)
9000 nt
Defence
Virulence