Putative transposon Tn552 DNA-invertase bin3 (HCCMAOFG_00043)
Protein LemA (HCCMAOFG_00053)
IMGPR_plasmid_3300007314_000025 35616:46265(+)
IMGPR_plasmid_3300007966_000017 79:10724(-)
IMGPR_plasmid_3300006321_000038 36337:46253(+)
IMGPR_plasmid_3300008755_000013 1772:11285(-)
Iron-sulfur cluster carrier protein (AKFHMIMI_00055)
IMGPR_plasmid_3300053491_061231 1:11731(-), 44949:47636(-)
IMGPR_plasmid_3300053491_062227 1:11279(-), 44860:47547(-)
IMGPR_plasmid_3300008534_000014 35256:1655(+)
IMGPR_plasmid_7000000523_000016 2:7895(-)
IMGPR_plasmid_3300007978_000021 11:6378(-)
IMGPR_plasmid_3300008747_000013 1511:10663(-)
IMGPR_plasmid_3300008575_000026 37419:46571(+)
IMGPR_plasmid_3300053491_063945 1899:12678(+)
IMGPR_plasmid_3300008518_000029 10514:22815(-)
IMGPR_plasmid_7000000495_000009 40370:51666(+)
IMGPR_plasmid_3300007204_000012 976:12717(-)
IMGPR_plasmid_2834095656_000001 40601:52084(+)
IMGPR_plasmid_3300011986_000047 974:12714(-)
IMGPR_plasmid_7000000605_000013 40370:48008(+)
IMGPR_plasmid_3300007993_000008 40649:4772(+)
IMGPR_plasmid_3300008126_000025 40637:4760(+)
IMGPR_plasmid_3300053491_060147 14223:31955(-)
IMGPR_plasmid_3300053491_058773 13795:30494(-)
IMGPR_plasmid_3300053491_057624 13848:31237(-)
IMGPR_plasmid_3300053491_064823 22921:40356(+)
IMGPR_plasmid_3300053491_063701 13793:31085(-)
IMGPR_plasmid_3300053491_066565 22092:39923(+)
IMGPR_plasmid_3300053491_063027 13796:30865(-)
IMGPR_plasmid_3300053491_057858 12496:30180(-)
IMGPR_plasmid_3300008739_000021 6230:20604(-)
IMGPR_plasmid_3300007220_000038 15060:30056(+)
IMGPR_plasmid_3300053491_063437 1918:13303(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (POHOADIK_00011)
Serine/threonine-protein kinase CtkA (POHOADIK_00007)
IMGPR_plasmid_3300053491_064824 1933:17374(+)
RM_Type_II__Type_II_MTases___Type_II_MTases_FAM_0 (LCEGFLIJ_00048)
SoFic__SoFic (LCEGFLIJ_00051)
LCEGFLIJ_00049
LCEGFLIJ_00047
IMGPR_plasmid_3300053491_058341 37728:53369(-)
IMGPR_plasmid_3300053491_061842 21993:34558(+)
IMGPR_plasmid_3300053491_060499 13795:26352(-)
Serine/threonine-protein kinase CtkA (NNPADHBF_00054)
Serine/threonine-protein kinase CtkA (NNPADHBF_00052)
IMGPR_plasmid_3300053491_067586 41714:1576(+)
Serine/threonine-protein kinase CtkA (DOHNNEMB_00030)
IMGPR_plasmid_3300053491_067110 22510:37335(+)
LHIMLLFH_00026
LHIMLLFH_00027
LHIMLLFH_00025
IMGPR_plasmid_3300014196_000010 17890:32534(-)
MEDPJIAC_00031
MEDPJIAC_00030
MEDPJIAC_00032
IMGPR_plasmid_3300053491_068660 22063:36813(+)
Serine/threonine-protein kinase CtkA (JPKMDLON_00029)
Serine/threonine-protein kinase CtkA (JPKMDLON_00027)
IMGPR_plasmid_3300014025_000012 19644:36938(+)
anti-CRISPR-Cas (AcrVIA7) (IMEIPDNN_00034)
IMEIPDNN_00035
IMEIPDNN_00033
IMEIPDNN_00036
IMGPR_plasmid_3300053491_061611 24039:39311(+)
Serine/threonine-protein kinase CtkA (KPANEIFJ_00007)
IMGPR_plasmid_3300053491_061841 1932:16821(+)
Serine/threonine-protein kinase CtkA (AEIILNPI_00029)
IMGPR_plasmid_3300053491_059319 18177:33052(-)
Serine/threonine-protein kinase CtkA (FEKHBNKJ_00036)
IMGPR_plasmid_3300007996_000027 28204:42562(+)
Serine/threonine-protein kinase CtkA (CMMINHAP_00007)
IMGPR_plasmid_3300007566_000026 1:10744(-), 48027:52554(-)
Serine/threonine-protein kinase CtkA (POGCIHJC_00049)
IMGPR_plasmid_3300053491_063438 37216:51511(-)
Serine/threonine-protein kinase CtkA (LLNJHDIK_00007)
IMGPR_plasmid_3300053491_069129 1928:15879(+)
Serine/threonine-protein kinase CtkA (BMCAGDJP_00031)
Modification methylase HhaI (BMCAGDJP_00035)
IMGPR_plasmid_3300053491_062409 23296:37725(+)
LKKCGMGO_00001
LKKCGMGO_00002
IMGPR_plasmid_3300008635_000006 1:6407(-), 40932:46830(-)
FGIJEGJD_00001
FGIJEGJD_00002
IMGPR_plasmid_3300008680_000010 1:6202(-), 40727:46838(-)
7000 nt
Defence
Anti-defence