Inosine-5'-monophosphate dehydrogenase (GHOIALOC_00004)
Periplasmic oligopeptide-binding protein (GHOIALOC_00005)
GMP synthase [glutamine-hydrolyzing] (GHOIALOC_00003)
Outer surface protein C (GHOIALOC_00002)
Sporulation initiation inhibitor protein Soj (GHOIALOC_00009)
Adenine permease AdeP (GHOIALOC_00001)
GHOIALOC_00006
GHOIALOC_00010
GHOIALOC_00027
GHOIALOC_00007
GHOIALOC_00011
GHOIALOC_00026
GHOIALOC_00008
GHOIALOC_00012
IMGPR_plasmid_2876280065_000022 23940:12131(+)
AKEDCEEB_00006
AKEDCEEB_00011
IMGPR_plasmid_2874016390_000024 23940:12131(+)
Adenine permease AdeP (OOIGONDE_00023)
OOIGONDE_00027
IMGPR_plasmid_2855880528_000025 20136:5726(+)
IHNFMECI_00006
IMGPR_plasmid_2871350378_000020 560:11102(-)
HCKBHHCE_00006
HCKBHHCE_00001
IMGPR_plasmid_2874024451_000021 1:10729(-), 24581:26658(-)
KFLOFIAM_00006
IMGPR_plasmid_2876282676_000019 1301:12181(+)
LJCOPMGO_00020
IMGPR_plasmid_2857306702_000022 13356:26035(+)
BDFMHLMN_00005
BDFMHLMN_00001
BDFMHLMN_00025
IMGPR_plasmid_2869078160_000019 1:10457(-), 23520:26658(-)
PMFBIOEH_00004
IMGPR_plasmid_2874027102_000019 1:10205(-), 23269:26630(-)
GGMCJPBA_00014
GGMCJPBA_00008
GGMCJPBA_00007
IMGPR_plasmid_642791629_000038 5228:18655(-)
MNNKBNMG_00017
MNNKBNMG_00015
IMGPR_plasmid_643692009_000003 6570:19951(-)
MGKBIADP_00016
IMGPR_plasmid_2718218094_000015 8683:21148(-)
OMFKDBBD_00016
IMGPR_plasmid_2861264975_000023 8500:21348(+)
GMMLCMDJ_00016
IMGPR_plasmid_2636415963_000002 9982:22946(+)
GADOKIFL_00019
GADOKIFL_00013
IMGPR_plasmid_2597489960_000002 10426:22740(-)
IJNEIHOI_00007
IMGPR_plasmid_2861251124_000013 189:11955(-)
NNPCHGJP_00015
NNPCHGJP_00014
IMGPR_plasmid_2731957995_000015 6276:19601(-)
Guanine/hypoxanthine permease PbuG (AAIKLHAA_00001)
IMGPR_plasmid_2734482044_000011 41:7699(+)
Inosine-5'-monophosphate dehydrogenase (MGOEGNNA_00018)
Inosine-5'-monophosphate dehydrogenase (MGOEGNNA_00017)
MGOEGNNA_00012
MGOEGNNA_00010
MGOEGNNA_00016
MGOEGNNA_00011
IMGPR_plasmid_2561511159_000002 5794:21965(-)
Variable large protein 21 (OKDFFIHH_00015)
Variable large protein 21 (OKDFFIHH_00020)
Variable large protein 21 (OKDFFIHH_00019)
16
17
18
21
Variable large protein 21 (OKDFFIHH_00022)
IMGPR_plasmid_2814123094_000013 12736:26139(+)
Variable large protein 21 (DHBHLKGC_00003)
DHBHLKGC_00004
DHBHLKGC_00002
DHBHLKGC_00005
IMGPR_plasmid_2843721962_000025 296:8927(+)
Variable large protein 21 (COHMGECH_00026)
Variable large protein 7 (COHMGECH_00027)
35
34
33
32
31
30
28
25
Variable large protein 21 (COHMGECH_00024)
IMGPR_plasmid_2814123111_000015 21930:35174(-)
NOEGJKAJ_00029
NOEGJKAJ_00030
NOEGJKAJ_00028
IMGPR_plasmid_2814123112_000014 23567:34383(-)
Variable large protein 21 (MAIKCFAF_00006)
Variable large protein 7 (MAIKCFAF_00008)
7
9
10
IMGPR_plasmid_2846976702_000022 5301:16309(+)
Variable large protein 7 (JOKJEKHN_00032)
Variable large protein 7 (JOKJEKHN_00033)
31
30
29
28
27
26
IMGPR_plasmid_2814123082_000012 22840:36173(-)
Variable large protein 21 (NGDMAAGJ_00008)
Outer surface protein C (NGDMAAGJ_00016)
1
2
3
4
5
6
7
9
10
11
12
13
14
15
17
Variable large protein 7 (NGDMAAGJ_00018)
IMGPR_plasmid_2814123111_000012 372:21008(+)
Variable large protein 21 (CPPCBPEK_00005)
1
2
3
4
6
7
8
9
10
IMGPR_plasmid_2846973566_000022 202:11024(+)
Flavin-dependent thymidylate synthase (OLKGHMEJ_00027)
3
2
1
30
29
28
26
25
IMGPR_plasmid_2843720441_000027 1:2565(-), 22904:34244(-)
Flavin-dependent thymidylate synthase (FCHNLAGG_00003)
FCHNLAGG_00025
FCHNLAGG_00002
Detocs_dtcC (FCHNLAGG_00022)
FCHNLAGG_00026
FCHNLAGG_00001
FCHNLAGG_00004
IMGPR_plasmid_2814123092_000014 23681:9360(+)
8000 nt
Defence