

ABCF_Msr_all-NCBIFAM Msr family ABC-type ribosomal protection protein (NF000168.2) (PFDHPANF_00070)
 macrolide_MefA-NCBIFAM macrolide efflux MFS transporter Mef(A) (NF000245.1) (PFDHPANF_00071)

Tyrosine recombinase XerC (PFDHPANF_00069) DNA topoisomerase 3 (PFDHPANF_00072) Response regulator aspartate phosphatase F (PFDHPANF_00076)

RNA-binding protein Hfq (PFDHPANF_00078)

68 73 74 75 77 79 80

IMGPR_plasmid_3300053491_054845:59,231-72,412 (+)

34 40

IMGPR_plasmid_3300053491_056992:26,390-39,622 (+)

42

IMGPR_plasmid_3300053491_061609:26,388-39,659 (+)

38

IMGPR_plasmid_3300053491_062223:31,076-44,243 (-)

20

IMGPR_plasmid_3300053491_056991:12,520-25,745 (-)

43

IMGPR_plasmid_3300053491_060487:26,288-39,462 (+)

37

IMGPR_plasmid_3300053491_062225:31,182-44,405 (-)

49

IMGPR_plasmid_3300053491_057399:38,369-50,950 (-)

38 44

IMGPR_plasmid_3300053491_063697:27,011-39,489 (+)

37

IMGPR_plasmid_3300053491_057844:31,159-43,688 (-)

13 9 7

IMGPR_plasmid_3300053491_058534:6,529-20,379 (-)

45 39 37

IMGPR_plasmid_3300053491_065385:31,072-44,825 (-)

54 59 60 61

IMGPR_plasmid_2630968597_000003:44,534-58,049 (+)

DrmD_00013 DrmD (EKIKGLNC_00043)

Response regulator aspartate phosphatase J (EKIKGLNC_00044) 42 41

IMGPR_plasmid_3300053491_056320:32,552-44,619 (-)

APH_2pp_Ia-NCBIFAM aminoglycoside O-phosphotransferase APH(2'')-Ia (NF000508.1) (COHGIDOM_00049)

Tn3 family transposase ISNpu13 (COHGIDOM_00046) 47 48

38 51 52

IMGPR_plasmid_3300053491_056993:29,539-51,733 (+)

APH_2pp_Ia-NCBIFAM aminoglycoside O-phosphotransferase APH(2'')-Ia (NF000508.1) (DBDCKFHF_00086)

Tn3 family transposase ISNpu13 (DBDCKFHF_00083) 84 85

1 2 3

IMGPR_plasmid_3300053491_056329:65,482-81,611 (+); 1-5,870 (+)

Tyrosine recombinase XerD (AOCJFPCM_00055) IS4 family transposase IS231C (AOCJFPCM_00053) IS4 family transposase IS231C (AOCJFPCM_00056)

52 57

IMGPR_plasmid_2687453217_000004:40,835-57,491 (+)

Tyrosine recombinase XerD (OGPHIHAE_00050) 51

IMGPR_plasmid_2585427662_000005:34,376-49,365 (+)

Tyrosine recombinase XerD (JPAMGBCJ_00049) 48

IMGPR_plasmid_2671180266_000005:42,893-57,883 (-)

Tyrosine recombinase XerD (OJJHAAHJ_00087) 88

IMGPR_plasmid_2636415423_000006:67,812-81,923 (+)

DNA topoisomerase 3 (LPDDOCLK_00033) 37

IMGPR_plasmid_2521172680_000004:17,937-33,314 (+)

8000 nt

defence (PADLOC) AMR (AMRFinderPlus)