

Thiol:disulfide interchange protein TlpA (HICIGBFM_00019)

Thiol:disulfide interchange protein CycY (HICIGBFM_00020)

18 21 22 23 Multicopper oxidase MmcO (HICIGBFM_00024) Cadmium, cobalt and zinc/H(+)-K(+) antiporter (HICIGBFM_00025)

IMGPR_plasmid_3300025293_000031: 16,021-21,415 (+)

Multicopper oxidase MmcO (JFDJHFOJ_00003) 2 1

IMGPR_plasmid_3300025305_000171: 13-4,708 (-)

Multicopper oxidase MmcO (NGIHANDC_00018)

IMGPR_plasmid_3300022693_000064: 9,402-12,887 (+)

Multicopper oxidase MmcO (LOAGHBPE_00001)

IMGPR_plasmid_3300008222_000184: 6-3,308 (-)

1
IMGPR_plasmid_2788500506_000023: 90-2,951 (-)

27
IMGPR_plasmid_2788500508_000002: 22,327-25,207 (+)

1
IMGPR_plasmid_3300042212_000279: 120-2,634 (-)

1
IMGPR_plasmid_3300038315_000041: 75-2,519 (-)

Thiol:disulfide interchange protein CycY (LBPMKKOI_00005)

Multicopper oxidase MmcO (LBPMKKOI_00001)

IMGPR_plasmid_3300030105_000002: 21-3,618 (-)

15
IMGPR_plasmid_3300006467_000073: 6,449-9,326 (+)

Multicopper oxidase MmcO (DKJOGLJI_00016) 17 Cadmium, cobalt and zinc/H(+)-K(+) antiporter (DKJOGLJI_00018)

IMGPR_plasmid_3300032085_000019: 8,201-13,981 (+)

Multicopper oxidase MmcO (KLBKPPDP_00003) 2 Cadmium, cobalt and zinc/H(+)-K(+) antiporter (KLBKPPDP_00001)

IMGPR_plasmid_3300031840_000186: 51-5,666 (-)

Multicopper oxidase MmcO (BLBENHMH_00015) Cadmium, cobalt and zinc/H(+)-K(+) antiporter (BLBENHMH_00017) 16 18 Cadmium, cobalt and zinc/H(+)-K(+) antiporter (BLBENHMH_00019)

IMGPR_plasmid_3300031957_000060: 7,191-14,411 (+)

Multicopper oxidase MmcO (NOJIGNCH_00005) Cadmium, cobalt and zinc/H(+)-K(+) antiporter (NOJIGNCH_00002) 3 1

IMGPR_plasmid_3300009602_000020: 121-7,207 (-)

PRK13752.1-PRK PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (DHLKDHKL_00003) Cadmium, cobalt and zinc/H(+)-K(+) antiporter (DHLKDHKL_00004)

Multicopper oxidase MmcO (DHLKDHKL_00009) 8 7 5 disulfide formation protein (DHLKDHKL_00001) 2

IMGPR_plasmid_3300008949_000011: 91-9,388 (-)

PRK13752.1-PRK PRK|PRK13752.1: Hg(II)-responsive transcriptional regulator (NF010315.0) (KIANOONC_00022) Cadmium, cobalt and zinc/H(+)-K(+) antiporter (KIANOONC_00021) disulfide formation protein (KIANOONC_00024) 18 20 23

IMGPR_plasmid_3300006019_000012: 10,497-19,430 (+)

Multicopper oxidase MmcO (MKPMAAKN_00007) IS5 family transposase ISPaK1 (MKPMAAKN_00003) IS5 family transposase ISPaK1 (MKPMAAKN_00002)

IMGPR_plasmid_3300006803_000149: 159-6,956 (-)

Multicopper oxidase MmcO (MAGGEKBB_00007) 6 5 1

IMGPR_plasmid_3300008219_000028: 358-8,664 (-)

Multicopper oxidase MmcO (EKAGIHKG_00006) 5 4 3 2 1

IMGPR_plasmid_3300037330_000086: 128-8,475 (-)

Multicopper oxidase MmcO (LFNHKFGI_00018) 19 20 21 22

IMGPR_plasmid_3300030426_000013: 11,456-18,391 (+)

Thiol:disulfide interchange protein CycY (IJCLIECB_00022)

Thiol:disulfide interchange protein DsbD 17 18 19 23

IMGPR_plasmid_3300025181_000002: 22,132-26,408 (+)

3000 nt

AMR (AMRFinderPlus)