S3 Table. Sequences of DNA primers used in this study

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|  | 5′→3′ |
| **Primers for the promoter-*lacZ* fusion products** |
| *cpxP* promoter F primer (*Xba*I) | GCTCTAGACATGCACGTCAGCAACCTGC |
|  R primer (*Kpn*I) | GGGGTACCGTCTTGCGCATGGTGTTTCTCC |
| *muxA* promoter F primer (*Xba*I) | GCTCTAGACGTAGCGCAAGGAGTGGAATTC |
|  R primer (*Kpn*I) | GGGGTACCGGTCGTTGGAGTCATGGTTC |
| *mexA* promoter F primer (*Xba*I) | GCTCTAGATGGTTTGGCCGAGTAAACCTAATG |
|  R primer (*Kpn*I) | GGGGTACCAGCGTTGTCCTCATGAGCGAAAGC |
| *PP\_4504* promoter F primer (*Xba*I) | GCTCTAGACCGCAGCCTGGACATGCATGTC |
|  R primer (*Kpn*I) | GGGGTACCTTGCGCATGGTGTCTCTCCTTTC |
| *PP\_3585* promoter F primer (*Xba*I) | GCTCTAGAAAGAACAGTGGGTTATC |
|  R primer (*Kpn*I) | GGGGTACCAGCAGCAGGATCAGCAGG |
| *PP\_1386 (ttgA)* promoter F primer (*Xba*I) | GCTCTAGAGTTGTTGAAGTGCCAGTAGATCG |
|  R primer (*Kpn*I) | GGGGTACCTTGAATTGCATGAGGATCCTC |
| **Primers for *in trans* CpxR expression** |
|  *lacI*q-*tac*P F primer (*Nco*I) | TGCCATGGCTAACTTACATTAATTGCG |
|  *lacI*q-*tac*P R primer (*Eco*RI) | CGAATTCTGTTTCCTGTGTG |
|  *cpxR* F primer (*Eco*RI) | GGAATTCAGCGACGCGAATGGATCAATTG |
|  *cpxR* R primer (*Bam*HI) | GGGGATCCTTGGGTAAAGACCTTGTGTCG |
| **Primers for N-terminal His-tagged CpxR expression** |
|  F primer (*Nde*I) | GGAATTCCATATGAGCGAACTGCTGTTGATCG |
|  R primer (*Bam*HI) | GGGGATCCTTGGGTAAAGACCTTGTGTCG |
| **Primers for locus deletion** |
| *cpxR* upstream region F primer (*Bam*HI) | GGGGATCCCGGCAAACGTTTTCGCACC |
|  R primer (*Kpn*I) | CAGGTACCGAGCAGCTCGCAGAG |
| *cpxR* downstream region F primer (*Kpn*I) | GGGGTACCTGCGCAAGAAGCTCGGCAGC |
|  R primer (*Eco*RI) | GGAATTCGGCCCACTCTGCCTTGC |
| *mexR* upstream region F primer (*Eco*RI) | GGAATTCGGTCGATCTGGTAGAGCTGCTGC |
|  R primer (*Kpn*I) | GGGGTACCATTGGTTTGGCCGAGTAAAC |
| *mexR* downstream region F primer (*Kpn*I) | GGGGTACCCCAGCGACCAGCGCAGC |
|  R primer (*Bam*HI) | GGGGATCCTTCGAATCCACCGAAGTGAAGG |
| *mexA* locus† F primer (*Hind*III) | GATAAGCTTCAATACATGGACGTC |
|  R primer (*Bam*HI) | CCGGATCCCCTGGCGCTGCACTTC |
| *muxA* locus† F primer (*Eco*RI) | CGTAGCGCAAGGAGTGGAATTCGG |
|  R primer (*Hind*III) | GCAAGCTTCGCCACCATCAGCAGGGTGGTC |
| **Primers for *in vitro* DNA binding probes** |
|  *mexA*p probe F primer | CATGCTGGAAGACCGCCATCAG |
|  *mexA*p probe R primer | CATGGCCCATATTCAGAACCTG |
|  *cpxP*p probe F primer | GGCTACTACTACAGCCACTGAGC |
|  *cpxP*p probe R primer | CCTTTCTGGGTCCGGCCATTTAC |
|  |  |
|  |  |
| **Primers for real-time quantitative PCR** |
|  *mexB* F primer | GTGTTCGGCTCGCAGTACTC |
|  *mexB* R primer | AACCGTCGGGATTGACCTTG |
|  *rpsL* F primer | GCAAGCGCATGGTCGACAAGA |
|  *rpsL* R primer | CGCTGTGCTCTTGCAGGTTGTGA |

†There are two *Sal*I sites in the coding regions of *mexA* and *muxA*; the sequences between these sites were replaced by the gentamicin resistance marker gene from pPS856.