**Table S2. Oligonucleotides used in this study**

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| --- | --- |
| **Name** | **Sequence (5′-3′)** |
| *ompR\_*F\_pJET | CGCTCTTCACGCCAGA |
| *ompR*\_R\_ pJET | CGCATATCGTCATCAACC |
| *ompB*::*cat*\_E.c\_F | CACGCTTACAAATTGTTGCGAACCTTTGGGAGTACAAAC ATAGGAACTTCATTTAAATGG |
| *ompB*::*cat*\_E.c\_R | ATAGAAAGCAAAACGGGAGGCACCTTCGCCTCCCGTTTA TGCGCCTACCTGTGACGGAAG |
| *ompR*\_RT\_S.e\_F | ATCGTCTGCTGACCCGTGAATCTT |
| *ompR*\_RT\_S.e\_R | TTACTTTGACTACGCAGGCGACGA |
| *ompR*\_E.c\_RT\_F | ATCGCCTGCTGACTCGTGAATCTT |
| *ompR*\_E.c\_RT\_R | TTGCTCTGACTACGAAGACGTCGG |
| *ssrA*\_RT\_F | ACATAAACGGCAAAGGATGGCACG |
| *ssrA*\_RT\_R | TCGGGAAGTTTAACCGTCACCTCA |
| P*phoP*pJET\_F | ATAGCGGCCGCAATTATATCGGTCGCGCTGT |
| P*phoP*pJET\_R | GCCGTCTAGAGTGGCGTAATAATGCATTAT |
| P*phoP\_*SDM\_F | AACGCTAGACTGTACTTATTAATATGCCAAGGGAGAAGAG |
| P*phoP\_*SDM\_F | CTCTTCTCCCTTGGCATATTAATAAGTACAGTCTAGCGTT |
| RACE\_*ompR* | GTTTTTGCTAGCTTAGCGACGCTTCGAACCTGGAAG |
| *phoP\_*S.e\_RT\_F | AGTCGAGGTTCTCAGCTCCG |
| *phoP\_*S.e\_RT\_R | CACCTGGGAGGCCAGACCGC  |
| *gmk*\_F\_Se | AGCAAATTCGCGAAAAGATG |
| *gmk*\_R\_Se | TGGCAATGACTTCTTCGCTAT |
| *gmk*\_F\_Ec | TATTGTTTCTGCCCCCAGTG |
| *gmk*\_R\_Ec | GTTCGAGGAACGCATCTCTG |
| RACE\_*ompR* | GTTTTTGCTAGCTTAGCGACGCTTCGAACCTGGAAG |
| JVO-0367 | ACTGACATGGAGGAGGGA |
| RNA-linker A4 | GACGAGCACGAGGACACUGACAUGGAGGAGGGAGUAGAAA |
| Bio\_P*phoP*\_F | GACTCTGGTCGACGAACTTAAATAA |
| Bio\_P*phoP*\_R | CCTCTACAACCAGTACGCGCATCAT |
| *ompR*::FLAG\_E.c\_F | GGGTCTGGGCTACGTCTTTGTACCGGACGGCTCTAAAGCAGACTACAAAGACCATGACGG |
| *ompR*::FLAG\_E.c\_R | GGGCAAATGAACTTCGTGGCGAGAAGCGCAATCGCCTCATCATATGAATATCCTCCTTAG |
| *ompB*::*cat*\_E.c\_F | CACGCTTACAAATTGTTGCGAACCTTTGGGAGTACAAACATAGGAACTTCATTTAAATGG |
| *ompB*::*cat*\_E.c\_R | ATAGAAAGCAAAACGGGAGGCACCTTCGCCTCCCGTTTATGCGCCTACCTGTGACGGAAG |
| *ompR*\_conf\_E.c\_F | TAGGCTGAAATTCATACCAGATTT |
| *ompR*\_conf\_E.c\_R | GGCTGGCGAACAGCAAGGTGACGATG |
| PstI\_pKD4\_F | GTCGATCTGCAGGTGTAGGCTGGAGCTGCTTC |
| XhoI\_pKD4\_R | GTCGATCTCGAGCATATGAATATCCTCCTTAG |
| P*ompR*\_KO\_E.c\_F | GACTTGCGGCCCAGGTCACCTTTTTTGTGACCTCCGGGCGGCGCCTACCTGTGACGGAAG |
| P*ompR*\_KO\_E.c \_R | TGTCGTCATCGACCACCAGAATCTTGTAGTTCTCTTGCATTAGGAACTTCATTTAAATGG |
| P*ompR*\_int\_E.c\_F | GACTTGCGGCCCAGGTCACCTTTTTTGTGACCTCCGGGCGGTGTAGGCTGGAGCTGCTTC |
| P*ompR*\_int\_E.c\_R | GCAGGCGCATGTCGTCATCGACCACCAGAATCTTGTAGTTCTCTTGCATTGTCTGTACTC |
| *ompB*-*kan*\_S.e\_F  | GGCTCGCGTCCAGGGGACGACAAAAGAGGCATAAGAAAGGGTGTAGGCTGGAGCTGCTTC |
| *ompB*-*kan*\_S.e\_R | GCGTCATCCGGCGTTGAGAAGAAAGGGAGGGTAATACCTCCATATGAATATCCTCCTTAG |
| P*ompR*\_KO\_E.c\_F | GACTTGCGGCCCAGGTCACCTTTTTTGTGACCTCCGGGCGGCGCCTACCTGTGACGGAAG |
| P*ompRompB*\_KO\_E.c\_R | ATAGAAAGCAAAACGGGAGGCACCTTCGCCTCCCGTTTATTAGGAACTTCATTTAAATGG |
| P*ompRompB*\_int\_E.c\_F | GACTTGCGGCCCAGGTCACCTTTTTTGTGACCTCCGGGCGCTCTTCACGCCAGAGATAAT |
| *ompR* \_F | CACGCTTACAAATTGTTGCGAACCTTTGGGAGTACAAACAATGCAAGAGAATTATAAGAT |
| *kan*\_R | TATCTTATAGAAAGCAAAACGGGAGGCACCTTCGCCTCCCCATATGAATATCCTCCTTAG |
| Bio\_P*phoP*\_F | GACTCTGGTCGACGAACTTAAATAA |
| Bio\_P*phoP*\_R | CCTCTACAACCAGTACGCGCATCAT |
| P*mgtC*\_F\_EM | GAACCCATTTTTTCCTCGTCATGTT |
| P*mgtC*\_R\_EM | TACGTTCCTCCATTTTTTCTGGAAG |
| *mgtC*\_RT\_F | CGCAGATTGTCTCTGGGATT |
| *mgtC*\_RT\_R | GGCGCAAAGAATAATGATCG |
| PompC\_EM\_F | ATAAATCAGCCGGGTGTGTC |
| PompC\_EM\_R | GACAGTACTTTAACTTTCAT |
| *Kan\_*bio\_F | CAAGATGGATTGCACG |
| *Kan\_*bio\_R | TCATCCTGATCGACAAGACC |
| *envZ*::FLAG\_E.c\_F | AGTGCCGGTAACGCGGGCGCAGGGCACGACAAAAGAAGGGGACTACAAAGACCATGACGG |
| *envZ*::FLAG\_E.c\_R | ATAGAAAGCAAAACGGGAGGCACCTTCGCCTCCCGTTTATCATATGAATATCCTCCTTAG |
| *envZ*::FLAG\_S.T\_F | GGTTCCTGTGGCTCGCGTCCAGGGGACGACAAAAGAGGCAGACTACAAAGACCATGACGG |
| envZ::FLAG\_S.T\_R | TCCGGCGTTGAGAAGAAAGGGAGGGTAATACCTCCCTTTCCATATGAATATCCTCCTTAG |
| *envZ*\_RT\_F\_S.T | CCTACCTGGTGGTGCTGAAC |
| *envZ*\_RT\_R\_S.T | CCAGTTGCAGCTTATCGGTC |
| *envZ*\_RT\_F\_E.c | CCAGCCTGGTGACGACTTAT |
| *envZ*\_RT\_R\_E.c | ATCAACATACGCACTTCGTA |