Additional file 7. Primers used in this study.

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| **Primer Sequence 5’ 🡪 3’** |
| For Mutant construction xopAFF1 CGAATCCGAAAAGGCCAT xopAFF2 GAggatccATTATTACACAGGCGAACG xopAFR AAGTAGTCGTCTCTGAAAGAFor qRT-PCR

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| gnlF | TGGATAAATCGCCGGTCAAGGAGT |
| gnlR | ATCGGAGTTGGAGACGTACAAGGT |
| hrpGF | ATCGTGCTTGGACGTTTCGATTGC |
| hrpGR | ATTGAAAGGCAGCGCAAGGACTTC |
| hrpXF | AAGCGTTACTGCTCTACAACCGCT |
| hrpXR | TGCGCATTGGTGATCATGTAGCTG |
| nuoMF | ACAGGACGACATGAAGAAGCTGGT |
| nuoMR | ACGAAACCGTGCGAAATCATCTGC |
| phoPF | CTTGCGCGATGAAGGCAAGAAGTT |
| phoPR | ACGTGGAACGGCTTGACCAGATAA |
| sodC2F | AAGGGTAATGACGTCAAAGGCACG |
| sodC2R | ATATTGCCGTGATCGGACTGGGA |
| grpEF | GCCTGGACATGACCTACAAGCAAT |
| grpER | TTCTGGAACACCTGCACCACAT |
| eglF | ACTACGCCAAGTATTACGGCCACA |
| eglR | AGGCTCATTCATCAGCCCGAAGAT |
| 16sF | AACGCGAAGAACCTTACCTGGTCT |
| 16sR | TGCGGGACTTAACCCAACATCTCA |

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