**S7 Table.** Oligonucleotides used in this work.

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| --- | --- | --- |
| **Name** | **Sequence (3'-5')** | **Description** |
| gyrB-UP1 | CAYGCNGGNGGNAARTTYGA | To amplify *gyrB* as in [1] |
| gyrB-UP2R | CCRTCNACRTCNGCRTCNGTCAT | To amplify *gyrB* as in [1] |
| PFlu6073UPOUT | CGGTGCACCAACTGCGTCAA | To confirm *PFLU\_6073* deletion |
| PFlu6073DNOUT | AACGCGTGCACTTCACCCAG | To confirm *PFLU\_6073* deletion |
| KOPFLU3500\_F | TCTTGGCCCGATTGCGCA | To confirm *PFLU\_3500* deletion |
| KOPFLU3500\_R | CTTCGCGCATGTCCATCA | To confirm *PFLU\_3500* deletion |
| KOPFLU0315\_F | TCATTGCGATCTTCGCTG | To confirm *PFLU\_0315* deletion |
| KOPFLU0315\_R | ATGGCCTCGCCGAACAAG | To confirm *PFLU\_0315* deletion |
| KOPFLU3295\_F | AAGACTGTCTGCACCGCG | To confirm *PFLU\_3295* deletion |
| KOPFLU3295\_R | TGCGTGACAGCCGTATCG | To confirm *PFLU\_3295* deletion |
| KOPFLU5080\_F | GGAGCAAAGAACCCAACC | To confirm *PFLU\_5080* deletion |
| KOPFLU5080\_R | TGAGCCGCTTTGTTCTCG | To confirm *PFLU\_5080* deletion |
| KOPFLU6072\_F | CCATGCGGCGGATGACTT | To confirm *PFLU\_6072* deletion |
| KOPFLU6072\_R | GTGCATGAAGACACCGAG | To confirm *PFLU\_6072* deletion |
| KOPFLU1533\_F | GTTTGAAACCACCGCGCG | To confirm *PFLU\_1533* deletion |
| KOPFLU1533\_R | GGGTTGGCCATCATGTCG | To confirm *PFLU\_1533* deletion |
| KOPFLU2414\_F | TTCAAGGTGCGTTTGCGC | To confirm *PFLU\_2414* deletion |
| KOPFLU2414\_R | ATCATGCTCATGGCGGTG | To confirm *PFLU\_2414* deletion |
| up700\_2583\_F | ATTCGAGCTCGGTACCCGGGCCGCGTTTCAGGGTCAGTG | SBW25 deletion of *PFLU\_2583*, for Gibson assembly into pTS1 |
| up700\_2583\_R | GCTACTTGAAACGGATCGGGGTCTTCATG | SBW25 deletion of *PFLU\_2583*, for Gibson assembly into pTS1 |
| down700\_2583\_F | CCCGATCCGTTTCAAGTAGCCCTGACATAAC | SBW25 deletion of *PFLU\_2583*, for Gibson assembly into pTS1 |
| down700\_2583\_R | CCTGCAGGTCGACTCTAGAGGACGATGCCTTTGCCCTG | SBW25 deletion of *PFLU\_2583,* for Gibson assembly into pTS1 |
| KO2583\_mutantcheckF | CTTGCAAAACAGCCAGGCCC | To confirm *PFLU\_2583* deletion |
| KO2583\_mutantcheckR | ATGGCAAACACTTCGTTCATTTT | To confirm *PFLU\_2583* deletion |
| up3091\_F | ATCGATCCGAATTCGAGCTCGGTACCCGGGAAAACGCTCCACCTGTTGG | SBW25 deletion of *PFLU\_3091*, for Gibson assembly into pTS1 |
| up3091\_R | GGAGCCTTAAAGCTTCATCGGCACCGGTTAGCG | SBW25 deletion of *PFLU\_3091*, for Gibson assembly into pTS1 |
| down3091\_F | TAACCGGTGCCGATGAAGCTTTAAGGCTCCAGC | SBW25 deletion of *PFLU\_3091*, for Gibson assembly into pTS1 |
| down3091\_R | AGCTTGCATGCCTGCAGGTCGACTCTAGAGCAAGGGTTTGCGGTGTAG | SBW25 deletion of *PFLU\_3091,* for Gibson assembly into pTS1 |
| up4463\_F | ATCGATCCGAATTCGAGCTCGGTACCCGGGGACCCGCTGATCGCCCAG | SBW25 deletion of *PFLU\_4463*, for Gibson assembly into pTS1 |
| up4463\_R | TGTAGATCACGCCGTGGGAGTCATTGCAGTCCTTG | SBW25 deletion of *PFLU\_4463,* for Gibson assembly into pTS1 |
| down4463\_F | ACTGCAATGACTCCCACGGCGTGATCTACACTTTAAAC | SBW25 deletion of *PFLU\_4463*, for Gibson assembly into pTS1 |
| down4463\_R | AGCTTGCATGCCTGCAGGTCGACTCTAGAGGACCCGCAGCGTGACCTG | SBW25 deletion of *PFLU\_4463,* for Gibson assembly into pTS1 |
| KO4463\_test\_F | CAGTCGCCGCCTGCTCGA | To confirm *PFLU\_4463* deletion |
| KO4463\_test\_R | ATCTGGGAGCGTAAGGCCG | To confirm *PFLU\_4463* deletion |
| KO3091\_test\_F | GGCAATCATGAACGGCCAGT | To confirm *PFLU\_3091* deletion |
| KO3091\_test\_R | AAGCCTTCGCCATACAGTGC | To confirm *PFLU\_3091* deletion |

Reference

1. Yamamoto S, Harayama S. PCR amplification and direct sequencing of gyrB genes with universal primers and their application to the detection and taxonomic analysis of Pseudomonas putida strains. Applied and Environmental Microbiology. 1995;61(3):1104-9. doi: doi:10.1128/aem.61.3.1104-1109.1995.