**Supplementary Table 1. Oligonucleotides used in this work.**

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| --- | --- |
| **Name** | **Sequence (5’ to 3’)** |
| PBP1B.Acineto-NdeI\_f | AGATATCATATGATGAAGTTTGAACGTGGTATC GGTTTCTTC |
| PBP1B.Acineto-BamHI\_r | GCGGGATCCTTAGTTGTTATAACTACCACTTGA AATG |
| Seq1\_rev\_PBP1B\_Acineto | AGGTTCTAAACGGGCAACTC |
| Seq2\_fwd\_PBP1B\_Acineto | TGGTTATGGATTGGCCTCTC |
| Seq3\_fwd\_PBP1B\_Acineto | CTGGGCAAGCCAGATTGAAG |
| Seq4\_fwd\_PBP1B\_Acineto | ACAATTACGCCAGAC ACCAG |
| PBP1B-MGC-F | CATCATCCATGGGCTGTGGCTGGCTATG GCTACTGCTA |
| PBP1B-CtermH-R | CATCATCTCGAGATTACTACCAAACATATCCTT |
| C777S-D | AACTTTGTTTCCAGCGGTGGC |
| C777S-C | GCCACCGCTGGAAACAAAGTT |
| C795S-D | CAATCGCTGTCCCAGCAGAGC |
| C795S-C | GCTCTGCTGGGACAGCGATTG |