**Table S1.** Oligonucleotide primers used in this study. The underlined nucleotides show where mutations were introduced.

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| --- | --- |
| **Primer** | **Primer Sequence** |
| **T7 forward** | 5'-TAATACGACTCACTATAGGG-3' |
| **T7 reverse** | 5'-GCTAGTTATTGCTCAGCGG-3' |
| **GPDA position****36-38** | **Sense primer:**5'-CCCTGGGTCTGGCTACCNDTNDTNDTCCGATCACCCTGTACCAGG-3'**Anti-sense primer:**5'-CCTGGTACAGGGTGATCGGAHNAHNAHNGGTAGCCAGACCCAGGG-3' |
| **GPDA position****124-126** | **Sense primer:**5'-GATCGACATCCAGATCCTGNDTNDTNDTCGTAACGGCCATATCGGCTTC-3'**Anti-sense primer:**5'-GAAGCCGATATGGCCGTTACGAHNAHNAHNCAGGATCTGGATGTCGATC-3' |