|  |  |
| --- | --- |
| **Primer Name** | **Sequence** |
| **M75A\_Forward** | 5’-CCTGGATGGGCCTGGCGGCCTTCGCCATGG-3’ |
| **M75A\_Reverse** | 5’-CCATGGCGAAGGCCGCCAGGCCCATCCAGG-3’ |
| **M75I\_Forward** | 5’-CCTGGATGGGCCTGATAGCCTTCGCCATG-3’ |
| **M75I\_Reverse** | 5’-CATGGCGAAGGCTATCAGGCC CATCCAGG-3’ |
| **M75F\_Forward** | 5’-CTGGATGGGCCTGTTCGCCTT CGCCATGG-3’ |
| **M75F\_Reverse** | 5’ CCATGGCGAAGGCGAACAGGCCCATCCAG-3’ |
| **M75L\_Forward** | 5'-CTGGATGGGCCTGTTGGCCTTCGCCAT-3’ |
| **M75L\_Reverse** | 5’-ATGGCGAAGGCCAACAGGCCCATCCAG -3' |

**Table S1**: Oligonucleotide primers used for site-directed mutagenesis.