**Supplementary Table S2. Primers used for mutagenesis analysis**

|  |  |  |
| --- | --- | --- |
| **LAFORIN TERMINAL PRIMER (FORWARD)** | **LAFORIN TERMINAL PRIMER****(REVERSE)** |  |
| GGGAATTCCATCTGCGCTTCCGCTTTGGGGTG | ATAAGAATGCGGCCGCACTACAGGCTACACACAGAAGAACG |  |

|  |  |  |
| --- | --- | --- |
| **FORWARD PRIMER** | **REVERSE PRIMER** | **MUTATION** |
| AATGGACCTCATCATGACCGTTCCTCTACTTACAATGAAAACAACTTG | CAAGTTGTTTTCATTGTAAGTAGAGGAACGGTCATGATGAGGTCCATT | C109S -C110S |
| AACTTGGTGGATGGTGTGTATTCTCTCCCAATAGGACACTGGATT | AATCCAGTGTCCTATTGGGAGAGAATACACACCATCCACCAAGTT | C123S |
| CCAAATATCTGGCTGGGTAGCTCCCCTCGTCAGGTGGAACATGTA | TACATGTTCCACCTGACGAGGGGAGCTACCCAGCCAGATATTTGG | C169S |
| ATTGTACAGAATTCCTCAGGCTCTAACCGCTACCCAGAGCCCATG | CATGGGCTCTGGGTAGCGGTTAGAGCCTGAGGAATTCTGTACAAT | C205S |
| CAGATGCTGCCCCAGGCGGTGTCCCTGCTGCATGCGCTGCTGGAG | CTCCAGCAGCGCATGCAGCAGGGACACCGCCTGGGGCAGCATCTG | C250S |
| GGACACATCGTGTACGTGCACTCCAACGCTGGGGTGGGCCGCTCC | GGAGCGGCCCACCCCAGCGTTGGAGTGCACGTACACGATGTGTCC | C266S |
| GGCCGCTCCACCGCGGCTGTCTCCGGCTGGCTCCAGTATGTGATG | CATCACATACTGGAGCCAGCCGGAGACAGCCGCGGTGGAGCGGCC | C278S |
| GGGAATTCCATCTGCGCTTCCGCTTTGGGGTG | ATAAGAATGCGGCCGCACTACAGGCTAGACACAGAAGAACG  | C329S |