Supplementary Table 2 Primer and siRNA sequences for each gene.

|  |  |  |
| --- | --- | --- |
| Gene | Primer sequence | |
| GAPDH | Forward | 5′-CTGGGCTACACTGAGCACC-3′ |
|  | Reverse | 5′-AAGTGGTCGTTGAGGGCAATG-3′ |
| OTULIN | Forward | 5′-GGGGCATCAGAACCGAGATTA-3′ |
|  | Reverse | 5′-TCGCCGTATGGAGGTGAACT -3' |
| UBE2C | Forward | 5’-AGTGGCTACCCTTACAATGCG-3’ |
|  | Reverse | 5’-TTACCCTGGGTGTCCACGTT-3’ |
| USP1 | Forward | 5’-ATGCCTGGTGTCATACCTAGT-3’ |
|  | Reverse | 5’-CAGTCCCACAAATGGTAACAAGT-3’ |
| USP2 | Forward | 5’-GGGCTCCATAACGAGGTGAAC-3’ |
|  | Reverse | 5’-CTCCACATCTGTCGGCCTTTC-3’ |
| MAPT | Forward | 5′-GAGTCCAGTCGAAGATTGGGT-3′ |
|  | Reverse | 5′-GGCGAGTCTACCATGTCGATG -3' |
| Gene | siRNA-OTULIN sequence | |
| siRNA | 5′-GAAATGTTCCTTCTTGCCTAT-3′ | |