**Supplemental File 3**. Related to Experimental Procedures. Primers used for plasmid construction.

|  |  |
| --- | --- |
|  | Sequence 5’ - 3’ |
| mTOR\_F\_SpeI | actagtAGGCTTGATTTGGTTCCCAG |
| mTOR\_R-HinD | aagcttAGTTGAGTATTTGTTCTGCTCA |
| miR-100-PT\_F1 | ctagtTAA**cacaagttcggatctacgggtt**CGAT**cacaagttcggatctacgggtt**ACGC |
| miR-100-PT\_F2 | GT**CACAAGTTCGGATCTACGGGTT**TCAC**CACAAGTTCGGATCTACGGGTT**A |
| miR-100-PT\_R1 | **AACCCGTAGATCCGAACTTGTG**ATCG**AACCCGTAGATCCGAACTTGTG**TTAA |
| miR-100-PT\_R2 | agctt**AACCCGTAGATCCGAACTTGTG**GTGA**AACCCGTAGATCCGAACTTGTG**ACGCGT |
| MS1\_F | atgagttctcttgtgagttaagtcaaaaactgattttctaaagttatggatcttctgttccc |
| MS1\_R | gggaacagaagatccataactttagaaaatcagtttttgacttaactcacaagagaactcat |
| MS2\_F | ctgtgctgagtttgctgttctgatgttgagaggagcaactaggt |
| MS2\_R | acctagttgctcctctcaacatcagaacagcaaactcagcacag |
| MS3\_F | ctgtcatggaggtgctgaacacagggtcagtctagtacacattgtaaattatgagcagaacaaatactcaa |
| MS3\_R | ttgagtatttgttctgctcataatttacaatgtgtactagactgaccctgtgttcagcacctccatgacag |

Restriction sites in lowercase. miR-100 sites in bold.