

Name	Sequence
C-doRNA	/5Phos/rCrGrArCrUrCrUrUrArGrCrGrG
doRNA	/5Phos/rGrArCrUrCrUrUrArGrCrGrG
bta-miR-148a	rUrCrArGrUrGrCrArCrUrArCrArGrArArCrUrUrUrGrU
bat-let-7b	rUrGrArGrGrUrArGrUrArGrGrUrUrGrUrGrUrGrUrU
bta-miR-30a-5p	rUrGrUrArArArCrArUrCrCrUrCrGrArCrUrGrGrArArGrCrU
adapter	/5Phos/rGrArCrArArCrCrArUrU
splint	CCGCTAAGAGTGTGTC

Figure S1 DNA and RNA oligonucleotides used in this study. c-doRNA, doRNA derivative harboring an additional cytosine at its 5' end; doRNA, dodecaRNA.

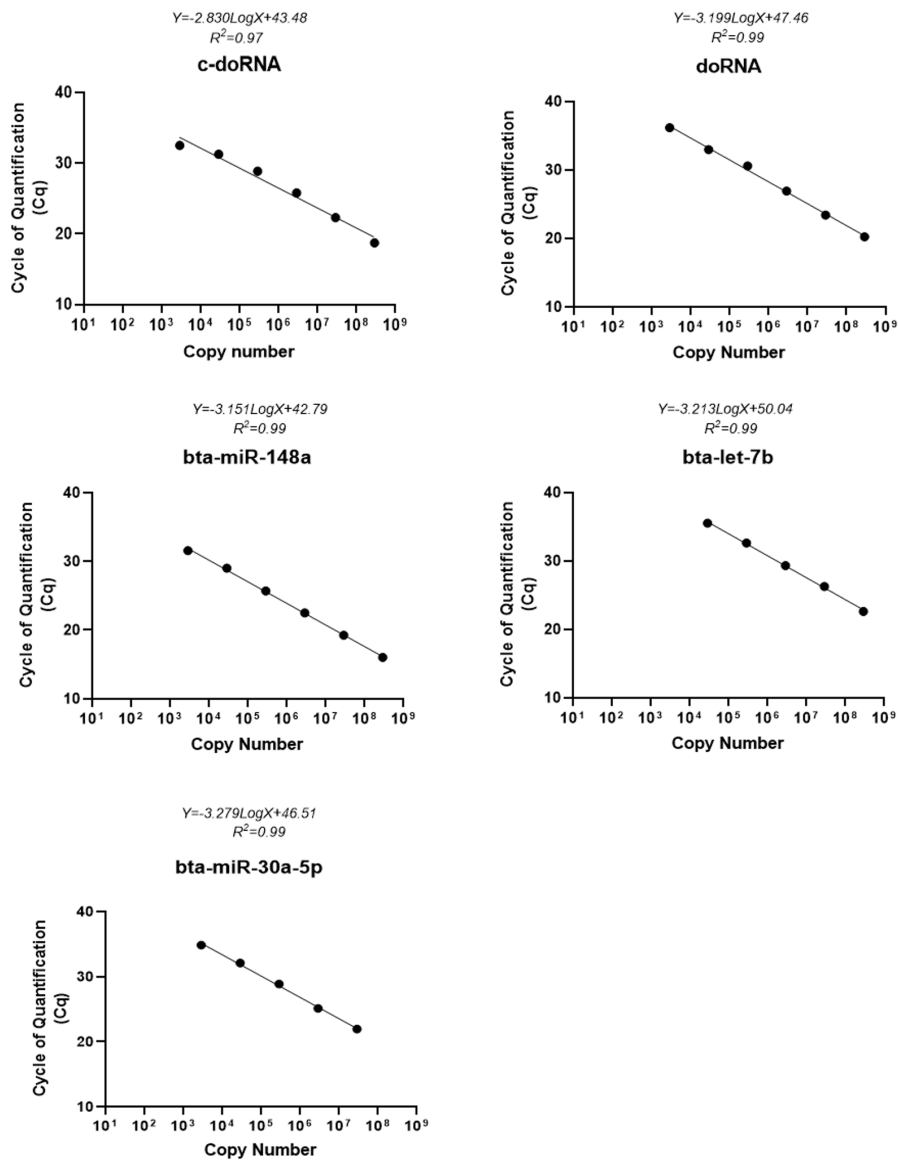


Figure S2 Standard curves were established using synthetic doRNA, c-doRNA, miR-148a, Let-7b-5p or miR-30a-5p RNA oligonucleotides. c-doRNA, doRNA derivative harboring an additional cytosine at its 5' end; doRNA, dodecaRNA.

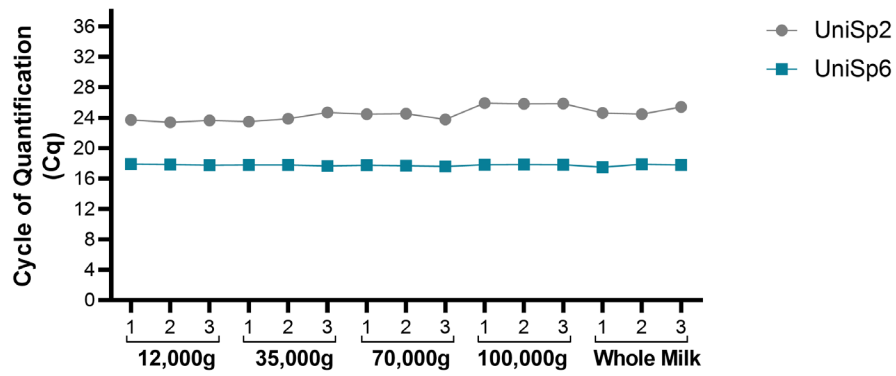


Figure S3 Raw cycle of quantification data for the two exogenous RNA spike-ins used in the different triplicate samples. UniSp2 is an exogenous RNA oligonucleotide added at the homogenization step with TRIzol to enable RNA isolation quality control. UniSp6, included in the miRCURY LNA RT Kit, is added to the RT reaction to control for cDNA synthesis and PCR efficiency. The numbers 1, 2 and 3 refer to each of the biological triplicate sample (n=3).