

Supplementary Table1. Primer sequence for qPCR

sRNAs ID	Primer Sequence
U6	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAAAATA3' F: 5'AGAGAAGATTAGCATGGCCCCTG3' R: 5'CAGTGCAGGGTCCGAGGT3'
5'tiRNA-32-ValAAC-2	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGGCGAA3' F: 5'TCCGTAGTGTAGTGGTCATCAC3' R: 5'ATCCAGTGCAGGGTCCGAGG3'
tRF5-50-GlyGCC-2	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCCGGGC3' F: 5'AGTGGTAGAATTCTCGCCTGC3' t R: 5'ATCCAGTGCAGGGTCCGAGG3'
i-tRF-4:24-His-GTG-1	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACTACTAA3' F: 5'GCGCGGTGATCGTATAGTGG3' R: 5'ATCCAGTGCAGGGTCCGAGG3'
i-tRF-2:25-His-GTG-1	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACGTACTA3' F: 5'AACACGTGCCGTGATCGTATAGT3' R: 5'ATCCAGTGCAGGGTCCGAGG3'
5'tiRNA-35-GlnTTG-6	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAAAGTG3' F: 5'GACCATGTGGCCTAAGGGAAA3' R: 5'ATCCAGTGCAGGGTCCGAGG3'
tRF5-31-HisGTG-1	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCGCAGA3' F: 5'GCCGTGATCGTATAGTGGTTAGT3' R: 5'ATCCAGTGCAGGGTCCGAGG3'
tRF5-23-HisGTG-1	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACACTAAC3' F: 5'AAGCTGAGGCCGTGATCGTATAG3' R: 5'ATCCAGTGCAGGGTCCGAGG3'
5'tiRNA-34-GlnTTG-6	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACAAGTGA3' F: 5'GACCATGTGGCCTAAGGGAAA3' R: 5'ATCCAGTGCAGGGTCCGAGG3'
mt-tRF5-26-LeuTAA	RT: 5'GTCGTATCCAGTGCAGGGTCCGAGGTATTCGCACTGGATACGACCGATTA 3' F: 5'AGCAGGGTTAAGATGGCAGAGC 3' R: 5'ATCCAGTGCAGGGTCCGAGG3'