

Table S1, Related to Figures 4 and 6 : Small RNAs, primers, probes and oligonucleotides (5' to 3')

| siRNAs/miRNAs | | |
|-----------------------------|--|--|
| name | sequence | notes |
| siLuc as | rUrGrUrUrCrArCrCrUrCrGrArUrArUrGrUrGrCTT | antisense guide strand |
| siLuc ss | rGrCrArCrArUrArUrCrGrArGrUrGrArArCrATT | sense passenger strand |
| siLuc mm as | rUrGrUrUrCrArCrCrUrCrGrArUrArUrGrUrGrCTT | antisense guide strand |
| siLuc mm ss | rGrCrArCrArUrArUrCrGrArGrUrGrArArCrATT | sense passenger strand |
| siLuc mm3,6 ss | rGrCrUrCrArArUrCrGrArGrUrGrArArCrATT | sense passenger strand |
| siLuc mm9,10 ss | rGrCrArCrArUrArUrCrGrArGrUrGrArArCrATT | sense passenger strand |
| siLuc mm13,16 ss | rGrCrArCrArUrArUrCrGrArGrUrGrUrArCrATT | sense passenger strand |
| has-miR-19a 5p | rArGrUrUrUrGrCrArUrArGrUrUrGrCrArCrUrArCrA | antisense guide strand |
| has-miR-19a 3p | rUrGrUrGrCrArArUrCrUrArUrGrCrArArArCrUrGrA | sense passenger strand |
| siMalat as | rUrUrArCrArArCrCrArCrUrCrGrUrUrUrCTT | antisense guide strand |
| siMalat ss | rGrArArGrCrGrArGrUrGrUrUrGrUrArATT | sense passenger strand |
| siNeat as | rUrUrUrCrUrArArGrCrArArCrUrUrCrUrCrArCTT | antisense guide strand |
| siNeat ss | rGrUrGrArGrArGrUrUrGrCrUrUrArGrArArATT | sense passenger strand |
| siRPL30 as | rArUrArCrGrArGrUrUrGrArGrCrCrUrArGTT | antisense guide strand |
| siRPL30 ss | rCrUrArGrGrCrUrCrCrArArCrUrCrGrUrUrArUTT | sense passenger strand |
| siPPIA as | rUrUrArGrGrArUrGrArArGrUrCrUrCrArUrCTT | antisense guide strand |
| siPPIA ss | rGrArUrGrArGrArCrUrUrCrArUrCrUrArATT | sense passenger strand |
| qPCR | | |
| name | sequence | notes |
| Malat1 Prime Time Assay F | ACCATCGTTACCTTGAAACCG | forward primer for Malat-1 IDT prime time assay |
| Malat1 Prime Time Assay R | GATCTAGCACAGACCCTTCAC | reverse primer for Malat-1 IDT prime time assay |
| Malat1 Prime Time Assay P | /56-FAM/CTCACCTCG/ZEN/ATGCAGCCAGTAGC/3IABkFQ/ | probe for Malat-1 IDT prime time assay |
| Neat1 Prime Time Assay F | TCTCTTCTCCACCATTACCA | forward primer for Neat-1 IDT prime time assay |
| Neat1 Prime Time Assay R | CCTCCCTTTAACTTATCCATTAC | reverse primer for Neat-1 IDT prime time assay |
| Neat1 Prime Time Assay P | /56-FAM/AACAATACC/ZEN/GACTCCAACAGCCACT/3IABkFQ/ | probe for Neat-1 IDT prime time assay |
| RPL30 Prime Time Assay F | CACCAAGTTTTAGCCAACATAGC | forward primer for RPL30 IDT prime time assay |
| RPL30 Prime Time Assay R | GATCAGACAAGGCCAAGCGCA | reverse primer for RPL30 IDT prime time assay |
| RPL30 Prime Time Assay P | /56-FAM/ACAACCTGCC/ZEN/CAGCTTTGAGGAAATCT/3IABkFQ/ | probe for RPL30 IDT prime time assay |
| GAPDH Taqman Assay | proprietary | Applied Biosystems (Hs99999905_m1) |
| PPIA Taqman Assay | proprietary | Applied Biosystems (Hs99999904_m1) |
| 5' RACE | | |
| name | sequence | notes |
| GeneRacer RNA Adaptor | rCrGrArCrUrGrGrArGrCrArCrGrArGrArCrArCrUrGrA rCrArUrGrGrArCrUrGrArArGrGrArGrArArArA | 5' RACE ligation adaptor |
| GeneRacer™ 5' Primer | CGACTGGAGCACGAGGACACTGA | universal forward primer for 5' RACE PCR |
| GeneRacer™ 5' Nested Primer | GGACACTGACATGGACTGAAGGAGTA | nested forward primer for 5' RACE PCR |
| MALAT15RACE1 | CCCCCGCCTCAGTTACACATCCA | Malat-1-specific reverse primer for 5' RACE PCR |
| MALAT15RACE2 | CCCCCGCCTCAGTTACACATCCAAA | Malat-1-specific reverse primer for 5' RACE PCR |
| RPL305RACE | CCGCATGCTGTGCCAGTTCAAT | RPL30-specific reverse primer for 5' RACE PCR |
| RPL30-329-76 | TCACCAGTCTGTTCTGGCATGCTTC | RPL30-specific reverse primer for 5' RACE nested PCR |
| RPL30nested-281-78 | CAGAGTCACCTGGATCAATGATAGCC | RPL30-specific reverse primer for 5' RACE nested PCR |
| RPL30nested-202-78 | GCCACTGTAGTGATGGACACCAGTTT | RPL30-specific reverse primer for 5' RACE nested PCR |
| RPL30nested-314-78 | CACCAAGTCTGTTCTGGCATGCTTCTA | RPL30-specific reverse primer for 5' RACE nested PCR |

rN = RNA base; /56-FAM/ = 5' 6-FAM (Fluorescein); /ZEN/ = internal ZEN quencher; /3IABkFQ/ = 3' Iowa Black FQ quencher