

qPCR primers for small RNA expression validation

| Small RNA name* | Assay type (Qiagen) | Sequence** / order number |
|--------------------|-----------------------------------|-----------------------------|
| RNU6B | predesigned miScript Primer Assay | MS00033740 |
| miR-302b-3p | predesigned miScript Primer Assay | MS00003906 |
| miR-372-3p | predesigned miScript Primer Assay | MS00004067 |
| miR-373-3p | predesigned miScript Primer Assay | MS00031815 |
| piR-006113 | custom miScript Primer Assay | UUGGGAAAUGCAACAUUUGGGCAGGA |
| piR-019085 | custom miScript Primer Assay | ACAAGACAAAGAGAUAAAGAGAAAGCA |
| piR-007509 | custom miScript Primer Assay | AGAAUUUAUGGUUUGUAGGGCAUGA |
| tRF Glu-GAG, chr13 | custom miScript Primer Assay | UCCCACAUGGUCUAGCG |
| tRF Glu-GAG, chr15 | custom miScript Primer Assay | UCCCACAUGGUCUAGCGGU |
| tRF Gly-GGA, chr20 | custom miScript Primer Assay | GCGUUGGUGGUAGUGG |

* The piRNA (piR) and tRF sequences were found using IGV visualization of sequence reads

** The sequence used in the Qiagen miScript service for custom miRNA primer design