| miRNA    | Sequence                                                                 |
|----------|--------------------------------------------------------------------------|
| spu-let-7| E: TGAGGTAGTAGGTATATAGTT                                                  |
|          | A: TGAGGTAGTAGGTATATAGTT                                                  |
| spu-mir-1| E: TGGATGAAGAAGAGTATGATAT                                               |
|          | A: TGGATGAAGAAGAGTATGATAT                                               |
| spu-mir-1b| E: AACCCTGTAGATCCGAATTTG                                                 |
|          | A: AACCCTGTAGATCCGAATTTG                                                 |
| spu-mir-10| E: TCCCTGAGACCCCTAAACTTGAG                                               |
|          | A: TCCCTGAGACCCCTAAACTTGAG                                               |
| spu-mir-125| E: TTATTGCTTGAGAAGCAGTAAT                                                |
|          | A: -TTATTGCTTGAGAAGCAGTAAT                                                |
| spu-mir-137| E: TTATGCTATTGAGAATACGAGCAG                                              |
|          | A: TTATGCTATTGAGAATACGAGCAG                                              |
| spu-mir-153| E: TTTGGCAATTGATAGAAATACGAG                                              |
|          | A: TTTGGCAATTGATAGAAATACGAG                                              |
| spu-mir-182| E: TTTGGCAATTGATAGAAATACGAG                                              |
|          | A: TTTGGCAATTGATAGAAATACGAG                                              |
| spu-mir-183| E: TATGACGCGATATGATGATGAT                                                |
|          | A: TATGACGCGATATGATGATGAT                                                |
| spu-mir-184| E: TGGAGGGAACGCTTGTTGAGATGAG                                              |
|          | A: TGGAGGGAACGCTTGTTGAGATGAG                                              |
| spu-mir-200| E: TAATAGAGAGTCTGCAGTTATGAGATGAG                                         |
|          | A: TAATAGAGAGTCTGCAGTTATGAGATGAG                                         |
| spu-mir-2001| E: ATGTGACGCGATATGATGATGAT                                                |
|          | A: ATGTGACGCGATATGATGATGAT                                                |
| spu-mir-2002| E: TTAATACATCTGCTTGTTGAGATGAG                                            |
|          | A: TTAATACATCTGCTTGTTGAGATGAG                                            |
| spu-mir-2003| E: AACCCTATAGATCCGAATTTG                                                  |
|          | A: AACCCTATAGATCCGAATTTG                                                  |
| spu-mir-2004| E: TCAACACACACACAGAGAAGTT                                                |
|          | A: TCAACACACACACAGAGAAGTT                                                |
| spu-mir-2007| E: TATTTGAGGCAATATGACATAGTT                                               |
|          | A: TATTTGAGGCAATATGACATAGTT                                               |
| spu-mir-2008| E: ATCAGCCTCAGCTGCTCAATACGA                                              |
|          | A: ATCAGCCTCAGCTGCTCAATACGA                                              |
| spu-mir-2009| E: TGAGTGACGCGATATGAGATGATGAG                                            |
|          | A: TGAGTGACGCGATATGAGATGATGAG                                            |
| spu-mir-2010| E: TTACTGTCTGAGTCTGCAGATGAG                                              |
|          | A: TTACTGTCTGAGTCTGCAGATGAG                                              |
| spu-mir-2011| E: ACCAAGGAGTCTGCTGAGAAGTT                                              |
|          | A: ACCAAGGAGTCTGCTGAGAAGTT                                              |
| spu-mir-2012| E: TAGTACTCCGATATGAGAAGTT                                               |
|          | A: TAGTACTCCGATATGAGAAGTT                                               |
| spu-mir-2013| E: TGACAGCAGATTATGAGGCTCTGCTGAGA                                         |
|          | A: TGACAGCAGATTATGAGGCTCTGCTGAGA                                         |
| spu-mir-210| E: TTGGATGCTGCGACAGCGACTGAG                                              |
|          | A: TTGGATGCTGCGACAGCGACTGAG                                              |
| spu-mir-219| E: TGATTGACGCGATATGAGAAGTT                                              |
|          | A: TGATTGACGCGATATGAGAAGTT                                              |
| spu-mir-222| E: TGACCTGAGCGATATGAGAAGTT                                              |
|          | A: TGACCTGAGCGATATGAGAAGTT                                              |
| spu-mir-242| E: TTGGATGCTGCGACAGCGACTGAG                                              |
|          | A: TTGGATGCTGCGACAGCGACTGAG                                              |
| spu-mir-252a| E: CTGGATGCTGCGACAGCGACTGAG                                              |
|          | A: CTGGATGCTGCGACAGCGACTGAG                                              |
| spu-mir-252b| E: CTGGATGCTGCGACAGCGACTGAG                                              |
|          | A: CTGGATGCTGCGACAGCGACTGAG                                              |
| miRNA Name   | Embryo Sequence | Adult Sequence |
|-------------|----------------|----------------|
| spu-miR-29  | CTAAGTAGTAGTGCCGCAGGTA | AAGCACCAGTTGAAATCAGAGC |
| spu-miR-29b | TTAGCACCATGAGAAGAGCAGTAT | TAGCACCATGAGAAGAGCAGTAT |
| spu-miR-31a | AGGCAAGATTTGCGCATAAGCTG | AGGCAAGATTTGCGCATAAGCT |
| spu-miR-31b | AGGCAAGATTTGCGCATAAGCT | AGGCAAGATTTGCGCATAAGCT |
| spu-miR-33  | E: AAGCACCAGTTGAAATCAGAGC | A: GTGCAATTTGCGCATAAGCT |
| spu-miR-34  | E: CGGCAGTGTAGTCTAGCGTGGTG | A: CGGCAGTGTAGTCTAGCGTGGTG |
| spu-miR-4847| E: TAAATGATGGCGCGGTGCGGTG | A: TAAATGATGGCGCGGTGCGGTG |
| spu-miR-4850| E: TTATCATGACTGTAAACAGGAG | A: TTATCATGACTGTAAACAGGAG |
| spu-miR-4851| E: TGAATCTTTGCTTTGAGTTCTT | A: TGAATCTTTGCTTTGAGTTCTT |
| spu-miR-4854| E: TGTGGCAGTCGTCCTCAGTTGCGG | A: TGTGGCAGTCGTCCTCAGTTGCGG |
| spu-miR-4855| E: TGTGTAACTACATCCTCAGTGGGT | A: TGTGTAACTACATCCTCAGTGGGT |
| spu-miR-7   | E: TGGAAAGACTAGTGATTTTGGTTGT | A: TGGAAAGACTAGTGATTTTGGTTGT |
| spu-miR-71  | E: TGAAAGACATGGGTAGTGAGATT | A: TGAAAGACATGGGTAGTGAGATT |
| spu-miR-79  | E: ATAAAGCTAGTTACCAAAAGATA | A: ATAAAGCTAGTTACCAAAAGATA |
| spu-miR-9   | E: TCTTTGATTTATCTAGCTGTATG | A: TCTTTGATTTATCTAGCTGTATG |
| spu-miR-92a | E: TATTTGCACTTTGTCGCCGACTAC-5 | A: TATTTGCACTTTGTCGCCGACTAC-5 |
| spu-miR-92b | E: TATTTGCACTTTGTCGCCGACTAC-5 | A: TATTTGCACTTTGTCGCCGACTAC-5 |
| spu-miR-92c | E: TATTTGCACTTTGTCGCCGACTAC-5 | A: TATTTGCACTTTGTCGCCGACTAC-5 |
| spu-miR-96  | E: TTTGGCAGTCGACCTTTTGGC | A: TTTGGCAGTCGACCTTTTGGC |

E: Embryo data from Illumina sequencing
A: Adult data from miRBase