

Table S1

MicroRNA	PRIMER SEQUENCE
mmu-leu-7a-1 FORWARD	GCTGTGAGGTAGTAGGTTGTATAGTTTTAGGGTCACACCCACCACTGGGAGATAACTATACAATCTACTGTCTTTCCC
mmu-leu-7a-1 REVERSE	TCCTGGGAAAGACAGTAGATTGTATAGTTATCTCCAGTGGTGGGTGTGACCCTAAAACATACAACCTACTACCTCA
mmu-miR-101a FORWARD	GCTGTCAGTTATCACAGTGTGATGTGTCCATTCTAAAGGTACAGTACTGTGATAACTGAAC
mmu-miR-101a REVERSE	TCCTGTTTACAGTTATCACAGTACTGTACCTTTAGAATGGACAGCATCAGCACTGTGATAACTGA
mmu-miR-101b FORWARD	GCTGTCGGTTATCATGGTACCAGTGTGTAGCTCTGAAAGGTACAGTACTGTGATAGCTGAAC
mmu-miR-101b REVERSE	TCCTGTTTACAGTATCACAGTACTGTACCTTTCAGAGCTACAGCATCGGTACCATGATAACCGA
mmu-miR-135a FORWARD	GCTGTATGGCTTTTTATTCTATGTGATTCTATTGCTCGCTCATATAGGGATTGGAGCCGTGGCCG
mmu-miR-135a REVERSE	TCCTGCGCCACGGCTCCAATCCCTATATGAGCGAGCAATAGAATCACATAGGAATAAAAAGCCATA
mmu-miR-142 FORWARD	GCTGCATAAAGTAGAAAGCACTACTAACAGCACTGGAGGGTGTAGTGTTCCTACTTTATGGAC
mmu-miR-142 REVERSE	TCCTGTCCATAAAGTAGGAAACACTACACCCCTCCAGTGTGTTAGTAGTGTCTTCTACTTTATG
mmu-miR-144 FORWARD	GCTGGGATATCATATATACTGTAAGTTTGTGATGAGACACTACAGTATAGATGATGACTC
mmu-miR-144 REVERSE	TCCTGAGTACATCATCTATACTGTAGTGTCTCATCACAACCTTACAGTATATGATGATATCC
mmu-miR-146b FORWARD	GCTGTGAGAACTGAATCCATAGGCTGTGAGCTCTAGCAGACGCCCTAGGGACTCAGTTCTGGTC
mmu-miR-146b REVERSE	TCCTGACCAGAACTGAGTCCCTAGGGCGTCTGCTAGAGCTCACAGCCTATGGAATTCAGTTCTCA
mmu-miR-154 FORWARD	GCTGTAGGTTATCCGTGTGCTTCGCTTTATTCGTGACGAATCATACACGGTTGACCTATTC
mmu-miR-154 REVERSE	TCCTGAATAGGTCAACCGTGTATGATTTCGTACGAATAAAGCGAAGCAACACGGATAACCTA
mmu-miR-17 FORWARD	GCTGCAAAGTGCTTACAGTGCAGGTAGTGTGTGTCATCTACTGCAGTGAGGGCACTGTAGC
mmu-miR-17 REVERSE	TCCTGCTACAAGTGCCTCCTACTGCAGTAGATGCACACATCACTACTGCAGTGAAGCACTTTG
mmu-miR-1983 FORWARD	GCTGAGAAAGCATGCTCCAGTGGCGCAATCGGTTAGCGCGGGTACTTATACAGCAGTATATGTGCGGGTGATGCCGAGGT TGTGAGTTCGAGCCTCACCTGGAGCATGTTTCTC
mmu-miR-1983 REVERSE	TCCTGAGAAAACATGCTCCAGTGGAGGCTCGAACTCACAACCTCGGCATCACCCGCACATATACTGCTGTATAAGTACCGC GCGCTAACCGATTGCGCCACTGGAGCATGCTTCT
mmu-miR-19a FORWARD	GCTGTAGTTTTGCATAGTTGCACTACAAGAAGAATGTAGTTGTGCAAATCTATGCAAAACTGAC
mmu-miR-19a REVERSE	TCCTGTCAGTTTTGCATAGATTTGCACAACACTACATCTTCTTGTAGTGCAAATGCAAAAATA
mmu-miR-19b FORWARD	GCTGAGTTTTGCAGGTTTGCATCCAGCTGTATAATATTCTGCTGTGCAAATCCATGCAAAACTGAC
mmu-miR-19b REVERSE	TCCTGTCAGTTTTGCATGGATTTGCACAGCAGAATATTATACAGCTGGATGCAAACTGCAAAACT
mmu-miR-21 FORWARD	GCTGTAGCTTATCAGACTGATGTTGACTGTGAACTCTCATGGCAACAGCAGTGCATGGGCTGTCC
mmu-miR-21 REVERSE	TCCTGGACAGCCATCGACTGCTGTTGCCATGAGATTCAACAGTCAACATCAGTCTGATAAGCTA
mmu-miR-2137 FORWARD	GCTGCTTCTGTGCCTTGTGGCTTGCCGGCGGGAGCCCCAGGGAGC
mmu-miR-2137 REVERSE	TCCTGCTCCCTGGGGCTCCCGCCGCAAGCCAACAAGGCAGCAGGAAG
mmu-miR-219 FORWARD	GCTGTGATTGTCAAACGCAATCTCTGAGTCTCTGGCTCCGGCCGAGAGTTGCGTCTGGACGTCCTCCG
mmu-miR-219 REVERSE	TCCTGCGGGACGTCAGACGCAACTCTCGGCCGGAGCCAGAGACTCGAGAATTGCGTTGGACAATCA
mmu-miR-222 FORWARD	GCTGTCAGTAGCCAGTGTAGATCCTGTCTTTGGTAATCAGCAGTACATCTGGTACTGGGTC
mmu-miR-222 REVERSE	TCCTGACCCAGTAGCCAGATGTAGTGTGATTACCAAAGACAGGATCTACTGCTACTGTA
mmu-miR-223 FORWARD	GCTGCGTGTATTGACAAGCTGAGTTGGACACTCTGTGTGGTAGAGTGTGAGTTGTCAAATACCCAC
mmu-miR-223 REVERSE	TCCTGTGGGGTATTTGACAACTGACACTTACCACACAGAGTGTCCAACCTCAGTTGTCAAATACACG
mmu-miR-27a FORWARD	GCTGAGGGCTTAGCTGCTTTGTGAGCAAGGTCCACAGCAAAGTGTGTTACAGTGGCTAAGTTCCGCC
mmu-miR-27a REVERSE	TCCTGGCGGAACCTTAGCCACTGTGAACACGACTTTGCTGTGGACCTTGCTCACAAGCAGCTAAGCCCT
mmu-miR-28 FORWARD	GCTGAAGGAGCTCACAGTCTATTGAGTTGCCTTTCTGATTCTCCACTAGATTGTGAGCTGCTGGAC
mmu-miR-28 REVERSE	TCCTGTCCAGCAGCTCACAATCTAGTGGGAGAATCAGAAAGGCAACTCAATAGACTGTGAGCTCCTT
mmu-miR-290 FORWARD	GCTGGTACTCAAACATATGGGGGCACTTTTTTTTTCTTTAAAAAGTGCCGCTAGTTTTAAGCCCC
mmu-miR-290 FORWARD	GCTGGTACTCAAACATATGGGGGCACTTTTTTTTTCTTTAAAAAGTGCCGCTAGTTTTAAGCCCC
mmu-miR-290 REVERSE	TCCTGGGGCTTAAAACTAGGCGGCACTTTTTAAAGAAAAAAAAGTGCCCCCATAGTTTGAGTAC

mmu-miR-290 REVERSE	TCCTGGGGCTTAAAACTAGGCGGCACCTTTTAAAGAAAAAAAAAAGTGCCCCATAGTTTGAGTAC
mmu-miR-298 FORWARD	GCTGGGCAGAGGAGGCTGTCTCCCTTGAGTTTATGACTGGGAGGAAC TAGCCTTCTCTCAGCC
mmu-miR-298 REVERSE	TCCTGGCTGAGAGAAGGCTAGTTCCTCCAGTCATAAACTCAAGGAAGAACAGCCCTCTCTGCC
mmu-miR-299 FORWARD	GCTGTGGTTTACCGTCCCACATACATTTTGGAGTATGTATGTTGGGACGGTAAACCGCTTC
mmu-miR-299 REVERSE	TCCTGAAGCGGTTTACCGTCCCACATACATACTCAAATGTATGTGGGACGGTAAACCA
mmu-miR-29b FORWARD	GCTGGCTGGTTTCATATGGTGGTTTATAGTTTAAATAGTGATTGTCTAGCACCATTGAAATCAGTGTTT
mmu-miR-29b REVERSE	TCCTGAACACTGATTTCAAATGGTGTAGACAATCACTATTTAAATCTAAACCACCATATGAAACCAGC
mmu-miR-323 FORWARD	GCTGAGGTGGTCCGTGGCGGTTTCGCTTCATTTATGGCGCACATTACACGGTCGACCTCTC
mmu-miR-323 REVERSE	TCCTGAGAGGTCGACCGTGAATGTGCGCCATAAATGAAGCGAACGCGCCACGGACCCT
mmu-mir-344 FORWARD	GCTGCCAGTCAGGCTCCTGGCTAGATTCCAGGTACCAGCTGGTACCTGATCTAGCCAAAGCCTGACTGTC
mmu-miR-344 FORWARD	GCTGCCAGTCAGGCTCCTGGCTAGATTCCAGGTACCAGCTGGTACCTGATCTAGCCAAAGCCTGACTGTC
mmu-mir-344 REVERSE	TCCTGACAGTCAGGCTTTGGCTAGATCAGGTACCAGCTGGTACCTGGAATCTAGCCAGGAGCCTGACTGG
mmu-miR-344 REVERSE	TCCTGACAGTCAGGCTTTGGCTAGATCAGGTACCAGCTGGTACCTGGAATCTAGCCAGGAGCCTGACTGG
mmu-miR-34c FORWARD	GCTGAGGCAGTGTAGTTAGCTGATTGCTAATAGTACCAATCACTAACCACACAGCCAGGC
mmu-miR-34c REVERSE	TCCTGCCTGGCTGTGTGGTTAGTGATTGGTACTATTAGCAATCAGCTAACTACTGCTCT
mmu-miR-380 FORWARD	GCTGATGGTTGACCATAGAACATGCGCTACTTCTGTGTCGATGTAGTATGGTCCACATCTTC
mmu-miR-380 REVERSE	TCCTGAAGATGTGGACCATACTACATACGACACAGAAGTAGCGCATGTTCTATGGTCAACCAT
mmu-miR-423 FORWARD	GCTGTGAGGGGCAGAGAGCGAGACTTTTCTATTTTCCAAAAGCTCGGTCTGAGGCCCTCAGTC
mmu-miR-423 REVERSE	TCCTGACTGAGGGGCCTCAGACCAGGCTTTTGGAAAATAGAAAAGTCTCGCTCTCTGCCCTCA
mmu-miR-433 FORWARD	GCTGTACGGTGAGCCTGTCAITATTTCAGAGAGGCTAGATCCTCTGTGTTGAGAAGGATCATGATGGGCTCCTCGGTGTC
mmu-miR-433 REVERSE	TCCTGACACCGAGGAGCCCATCATGATCCTTCTCAACACAGAGGATCTAGCCTCTCTGAATAATGACAGGCTCACCGTA
mmu-mir-450a FORWARD	GCTGGTTTTGCGATGTGTTCTTAATATGTGCTATAATTATATTGGGAACATTTTGCATAAATC
mmu-miR-450a FORWARD	GCTGGTTTTGCGATGTGTTCTTAATATGTGCTATAATTATATTGGGAACATTTTGCATAAATC
mmu-mir-450a REVERSE	TCCTGATTTATGCAAAATGTTCCCAATATAATTATAGCACATATTAGGAACACATCGCAAAAAC
mmu-miR-450a REVERSE	TCCTGATTTATGCAAAATGTTCCCAATATAATTATAGCACATATTAGGAACACATCGCAAAAAC
mmu-miR-450b FORWARD	GCTGTTTTGCAGTATGTTCTGAATACATAACATAAGCGTATTGGGAACATTTTGCATGCATC
mmu-miR-450b REVERSE	TCCTGATGCATGCAAAATGTTCCCAATACGCTTATGTTATGTATTCCAGGAACATACTGCAAAA
mmu-miR-466d FORWARD	GCTGTGTGTGTGCGTACATGTACATGTGTGTATATGAATATACATATACATACACGCACACATAGATACGCACGCACAC
mmu-miR-466d REVERSE	TCCTGTGTGCGTGCATCTATGTGTGCGTGTATGTATATGTATATTCATATACACACATGTACATGTACGCACACACA
mmu-miR-467b FORWARD	GCTGGTAAGTGCCTGCATGTATATGCGTGTATATTTTATGCATATACATACACACCAACACC
mmu-miR-467b REVERSE	TCCTGGTGTGGTGTGTGTATGTATATGCATAAAATATACGCATATACATGCAGGCACTTAC
mmu-miR-487b FORWARD	GCTGTGGTTATCCCTGTCTCTTCGCTTCACTCATGCCGAATCGTACAGGGTCATCCACTTC
mmu-miR-487b REVERSE	TCCTGAAGTGGATGACCCGTGACGATTCGGCATGAGTGAAGCGAAGAGGACAGGGATAACCA
mmu-miR-488 FORWARD	GCTGCCAGATAATAGCACTCTCAAACAAGTTCCATGTTGTTGAAAGGCTGTTTCTGGTCC
mmu-miR-488 REVERSE	TCCTGGACCAAGAAAACAGCCTTTCAAACAACATGGAAACTGTTTGGAGTGTCTATTATCTGGG
mmu-miR-544 FORWARD	GCTGTCTTGTAAAAAGCAGAGTCTGATTGAGGGGCCAAGATTCTGCATTTTATAGCAAGCTCC
mmu-miR-544 REVERSE	TCCTGGAGCTTGCTAAAAATGCAGAATCTTGGCCCTCAATCAGACTCTGCTTTTTAAACAAGA
mmu-miR-9 FORWARD	GCTGATCTTTGGTTATCTAGCTGTATGAGTGGTGTGGAGTCTTCATAAAGCTAGATAACCGAAAGTC
mmu-miR-9 REVERSE	TCCTGACTTTCGGTTATCTAGCTTTATGAAGACTCCACACCCTCATACAGCTAGATAACCAAGAT
mo-leu-7f-1 FORWARD	GCTGGAGTGAGGTAGTAGATTGTATAGTTGTGGGGTAGTGATTTTACCCTGTTTAGGAGATAACTATACAATCTATTGCCTTC CCC
mo-leu-7f-1 REVERSE	TCCTGGGGAAGGCAATAGATTGTATAGTTATCTCCTAAACAGGGTAAAATCACTACCCACAATATAAATCTACTACCTC ACTC
mo-miR-136 FORWARD	GCTGAGGACTCCATTTGTTTTGATGATGGATTCTTAAGTCCATCATCGTCTCAAATGAGTCTTC

mo-miR-136 REVERSE	TCCTGAAGACTCATTGAGACGATGATGGAGCTTAAGAATCCATCATCAAAACAAATGGAGTCCT
mo-miR-146b FORWARD	GCTGTCTGAGAACTGAATCCATAGGCTGTGAGCTCTAGCAGACGCCCTAGGGACTCAGTCTGGTC
mo-miR-146b REVERSE	TCCTGACCAGAACTGAGTCCCTAGGGCGTCTGCTAGAGCTCACAGCCTATGGAATTCAGTTCTCAGA
mo-miR-290 FORWARD	GCTGTCTCAAACATAGGGGGCACTTTTTTTTCTTTAAAAAGTGCCGCCAGGTTTAGGC
mo-miR-290 REVERSE	TCCTGCCTAAACCTGGCGGCACCTTTTAAAGAAAAAAAAGTGCCCCCATAGTTTGAGA
mo-miR-337 FORWARD	GCTGGAACGGCGTCATGCAGGAGTTGATTGCACAGCCATTCAGTCTATATGATGCCTTTCC
mo-miR-337 REVERSE	TCCTGAAAGGCATCATATAGGAGCTGAATGGCTGTGCAATCAACTCCTGCATGACGCCGTTTC
mo-miR-344a-3p FORWARD	GCTGACCAGTCAGGCTCCTGGCTAGATTCCAGGTACCAACTGGTACCTGATCTAGCCAAAGCCTGACCGTC
mo-miR-344a-3p REVERSE	TCCTGACGGTCAGGCTTTGGCTAGATCAGGTACCAGTTGGTACCTGGAATCTAGCCAGGAGCCTGACTGGT
mo-miR-345-3p FORWARD	GCTGGCCTGCTGACCCCTAGTCCAGTGCTTGTGGTGGCTACTGGGCCCTGAACTAGGGGTCTGGAGACC
mo-miR-345-3p REVERSE	TCCTGGTCTCCAGACCCCTAGTTCAGGGCCAGTAGCCACCACAAGCACTGGACTAGGGGTCTAGCAGGC
mo-miR-450a FORWARD	GCTGTTTTGCGATGTGTTCTTAATGTGTGCTACAATTATTTGGGAACATTTTGCATAAC
mo-miR-450a REVERSE	TCCTGTTATGCAAAATGTTCCAATATAATTGTAGCACACATTAGGAACACATCGCAAAA