Table S2. Nucleotide sequences of human, mouse, and cattle miRs (www.mirbase.org)

Upregulated miRNA	Sequence
has-miR-20b-5p	CAAAGUGCUCAUAGUGCAGGUAG
mmu-miR-20b-5p	CAAAGUGCUCAUAGUGCAGGUAG
bta-miR-20b	CAAAGUGCUCACAGUGCAGGUA
has-miR-214-3p	ACAGCAGGCACAGACAGGCAGU
mmu-miR-214-3p	ACAGCAGGCACAGACAGGCAGU
bta-miR-214	ACAGCAGGCACAGACAGGCAGU
hsa-miR-21-3p	CAACACCAGUCGAUGGGCUGU
mmu-miR-21-3p	CAACAGCAGUCGAUGGGCUGUC
bta-miR-21-3p	AACAGCAGUCGAUGGGCUGUCU
hsa-miR-193a-3p	AACUGGCCUACAAAGUCCCAGU
mmu-miR-193a-3p	AACUGGCCUACAAAGUCCCAGU
bta-miR-193a-3p	AACUGGCCUACAAAGUCCCAGU
hsa-miR-142-5p	CAUAAAGUAGAAAGCACUACU
mmu-miR-142-5p	CAUAAAGUAGAAAGCACUACU
bta-miR-142-5p	CAUAAAGUAGAAAGCACUAC
hsa-miR-199a-5p	CCCAGUGUUCAGACUACCUGUUC
mmu-miR-199a-5p	CCCAGUGUUCAGACUACCUGUUC
bta-miR-199a-5p	CCCAGUGUUCAGACUACCUGUU
hsa-miR-145-5p	GUCCAGUUUUCCCAGGAAUCCCU
mmu-miR-145-5p	GUCCAGUUUUCCCAGGAAUCCCU
bta-miR-145	GUCCAGUUUUCCCAGGAAUCCCU
hsa-miR-151-5p	UCGAGGAGCUCACAGUCUAGU
mmu-miR-151-5p	UCGAGGAGCUCACAGUCUAGU
bta-miR-151-5p	UCGAGGAGCUCACAGUCUAGU
hsa-miR-199a- 3p	ACAGUAGUCUGCACAUUGGUUA
mmu- miR-199a- 3p	ACAGUAGUCUGCACAUUGGUUA
bta- miR-199a- 3p	ACAGUAGUCUGCACAUUGGUUA
hsa-miR-31-5p	AGGCAAGAUGCUGGCAUAGCU
mmu-miR-31-5p	AGGCAAGAUGCUGGCAUAGCUG
bta-miR-31	AGGCAAGAUGCUGGCAUAGCU
hsa-miR-320a-3p	AAAAGCUGGGUUGAGAGGGCGA
mmu-miR-320a-3p	----------
bta-miR-320a	AAAAGCUGGGUUGAGAGGGCGA
hsa-miR-484	UCAGGCUCAGUCCCCUCCCGAU
mmu-miR-484	UCAGGCUCAGUCCCCUCCCGAU
bta-miR-484	UCAGGCUCAGUCCCCUCCCGAU
hsa-miR-138-5p	AGCUGGUGUUGUGAAUCAGGCCG
mmu-miR-138-5p	AGCUGGUGUUGUGAAUCAGGCCG
bta-miR-138	AGCUGGUGUUGUGAAUCAGGCCG
hsa-miR-139-5p	UCUACAGUGCACGUGUCUCCAGU
mmu-miR-139-5p	UCUACAGUGCACGUGUCUCCAG
bta-miR-139	UCUACAGUGCACGUGUCUCCAGU
hsa-miR-150-5p	UCUCCCAACCCUUGUACCAGUG
mmu-miR-150-5p	UCUCCCAACCCUUGUACCAGUG

bta-miR-150	UCUCCCAACCCUUGUACCAGUGU
hsa-miR-107	AGCAGCAUUGUACAGGGCUAUCA
mmu-miR-107-3p	AGCAGCAUUGUACAGGGCUAUCA
bta-miR-107	AGCAGCAUUGUACAGGGCUAUC
hsa-miR-17-5p	CAAAGUGCUUACAGUGCAGGUAG
mmu-miR-17-5p	CAAAGUGCUUACAGUGCAGGUAG
bta-miR-17-5p	CAAAGUGCUUACAGUGCAGGUAGU
hsa-miR-193a-5p	UGGGUCUUUGCGGGCGAGAUGA
mmu-miR-193a-5p	UGGGUCUUUGCGGGCAAGAUGA
bta-miR-193a-5p	UGGGUCUUUGCGGGCGAGAUGA
hsa-miR-215-5p	AUGACCUAUGAAUUGACAGAC
mmu-miR-215-5p	AUGACCUAUGAUUUGACAGAC
bta-miR-215	AUGACCUAUGAAUUGACAGACA
Downregulated miRNA	**Sequence**
hsa-miR-16b	----------
mmu-miR-16b	----------
bta-miR-16b	UAGCAGCACGUAAAUAUUGGC
hsa-miR-29c-3p	UAGCACCAUUUGAAAUCGGUUA
mmu-miR-29c-3p	UAGCACCAUUUGAAAUCGGUUA
bta-miR-29c	UAGCACCAUUUGAAAUCGGUUA
hsa-miR-200a-3p	UAACACUGUCUGGUAACGAUGU
mmu-miR-200a-3p	UAACACUGUCUGGUAACGAUGU
bta-miR-200a	UAACACUGUCUGGUAACGAUGUU
hsa-miR-101a-3p	UACAGUACUGUGAUAACUGAA
mmu-miR-101-3p	UACAGUACUGUGAUAACUGAA
bta-miR-101	UACAGUACUGUGAUAACUGAA
hsa-miR-29a-3p	UAGCACCAUCUGAAAUCGGUUA
mmu-miR-29a	UAGCACCAUCUGAAAUCGGUUA
bta-miR-29a	CUAGCACCAUCUGAAAUCGGUUA
hsa-miR-34b-5p	UAGGCAGUGUCAUUAGCUGAUUG
mmu-miR-34b-3p	AGGCAGUGUAAUUAGCUGAUUGU
bta-miR-34b	AGGCAGUGUAAUUAGCUGAUUG
hsa-miR-186-5p	CAAAGAAUUCUCCUUUUGGGCU
mmu-miR-186-5p	CAAAGAAUUCUCCUUUUGGGCU
bta-miR-186	CAAAGAAUUCUCCUUUUGGGCU
hsa-miR-99a-5p	AACCCGUAGAUCCGAUCUUGUG
mmu-miR-99a-5p	AACCCGUAGAUCCGAUCUUGUG
bta-miR-99a-5p	AACCCGUAGAUCCGAUCUUGU
hsa-miR-15b-5p	UAGCAGCACAUCAUGGUUUACA
mmu-miR-15b-5p	UAGCAGCACAUCAUGGUUUACA
bta-miR-15b	UAGCAGCACAUCAUGGUUUACA
hsa-miR-128-3p	UCACAGUGAACCGGUCUCUUU
mmu-miR-128-3p	UCACAGUGAACCGGUCUCUUU
bta-miR-128	UCACAGUGAACCGGUCUCUUU
hsa-miR-148a-3p	UCAGUGCACUACAGAACUUUGU
mmu-miR-148a-3p	UCAGUGCACUACAGAACUUUGU

bta-miR-148a	UCAGUGCACUACAGAACUUUGU
hsa-miR-191-5p	CAACGGAAUCCCAAAAGCAGCUG
mmu-miR-191-5p	CAACGGAAUCCCAAAAGCAGCUG
bta-miR-191	CAACGGAAUCCCAAAAGCAGCUG

Note: Nucleotide sequences are conserved among human, mouse and cattle.
Yellow colored denote difference in sequences.