

```

+1620                                     +1640
Mouse  5'...AGUUUAUGCACUGAUUUCGG...3'
+2063                                     +2083
Human  5'...GAAUCAUGCACUGAAUUCAAA...3'
(Consensus) 5'...GAAACAUGCACUGAAUUCAAA...3'
                |||||
3'...UUUCAAGACAUCACGUGACU...5' miR-148a-3p

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Supplementary Figure1. Predicted binding site of miR-148a in the 3'UTR of AMPK α 1