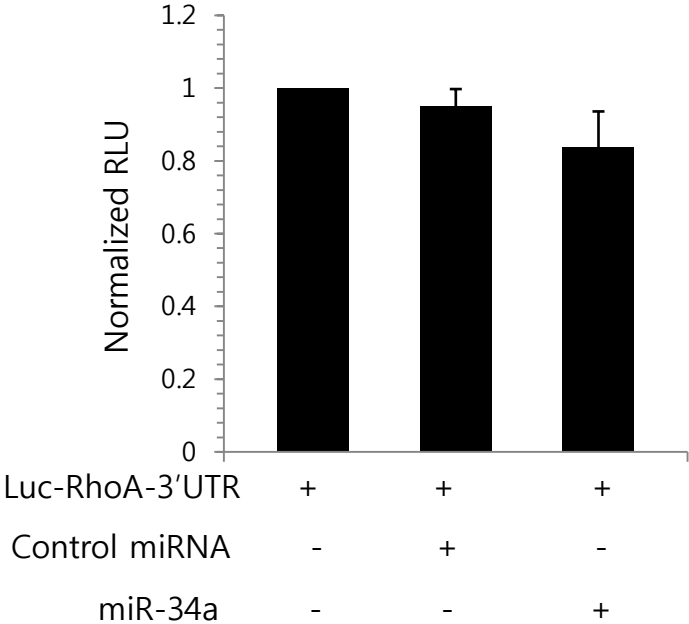


Supplementary 2



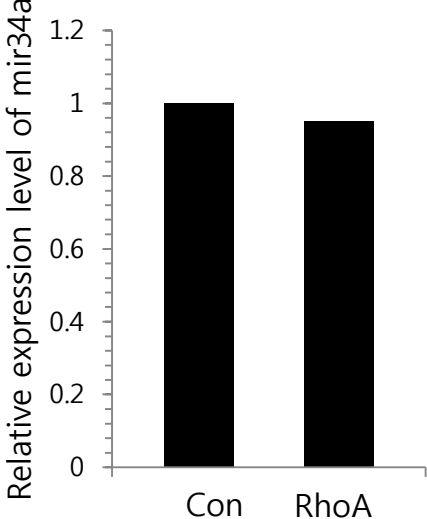


Table 1. Differentially expressed miRNAs at 48 hr after suppression of JNK signaling in limb mesenchymal cells

| miRNA | Fold change | human sequence | Chicken sequence |
|----------------|-------------|--|-------------------------|
| Up-regulated | | | |
| miR-34a | 2.35 | UGGCAGUGUCUUAGCUGGUUGU | UGGCAGUGUCUUAGCUGGUUGU |
| miR-125a-3p | 2.1 | UCCCUGAGACCCUUUAACCUGUGA | |
| miR-136 | 1.68 | ACUCCAUUUUGUUUUGAUGAUGGA CAUCAUCGUCUCAAAUGAGUCU | |
| miR-142-3p | 1.89 | UGUAGUGUUUCCUACUUUAUGGA | UGUAGUGUUUCCUACUUUAUGG |
| miR-146a | 1.95 | UGAGAACUGAAUCCAUGGGUU | UGAGAACUGAAUCCAUGGGUU |
| miR-193a-5p | 2.12 | UGGGUCUUUGCGGGCGAGAUGA | |
| miR-193b-5p | | CGGGUUUUUGAGGGCGAGAUGA | |
| miR-221 | 1.56 | AGCUACAUUGUCUGCUGGGUUUC | AGCUACAUUGUCUGCUGGGUUUC |
| miR-373 | 2.35 | ACUCAAUUGGGGGCGCUUCC GAAGUGCUCGAAUUUGGGGUGU | |
| miR-375 | 2.86 | UUUGUUCGUUCGGCUCGCGUGA | UUUGUUCGUUCGGCUCGCGUUA |
| miR-491-3p | 2.62 | CUUAUGCAAGAUUCCCUUCUAC | |
| miR-518a-2-3p | 1.59 | GAAAGCGCUUCCCUUUGCUGGA | |
| miR-671-3p | 1.97 | UCCGGUUCUCAGGGCUCACC | |
| miR-768-3p | 1.52 | Dead miR entry | |
| miR-873 | 1.26 | GCAGGAACUUGUGAGUCUCCU GGAGACUGAUGAGUCCCGGA | |
| Down-regulated | | | |
| miR-15b | -2.36 | UAGCAGCACAUCAUGGUUACA | UAGCAGCACAUCAUGGUUUGCA |
| miR-124-1 | -2.56 | CGUGUUCACAGCGACCUUGAU UAAGGCACGCGGUGAAUGCC | |
| miR-140 | -3.51 | CAGUGGUUUUACCCUAUGGUAG | AGUGGUUUUACCCUAUGGUAG |
| miR-136 | -2.36 | ACUCCAUUUUGUUUUGAUGAUGGA CAUCAUCGUCUCAAAUGAGUCU | |
| miR-199b | -2.68 | ACAGUAGUCUGCACAUUGGUUA | CAGUAGUCUGCACAUUGGU |
| miR-370 | -3.15 | GCCUGCUGGGGUGGAACCUGGU | |
| miR-488 | -3.45 | CCCAGAUAAUGGCACUCUCAA UUGAAAGGCUAUUUUCUUGGUC | |
| miR-551b | -2.55 | GCGACCAUACUUGGUUUCAG | GCGACCAUACUUGGUUUCAG |
| miR-566 | -1.59 | GGGCGCCUGUGAUCCCAAC | |
| miR-571 | -2.35 | UGAGUUGGCCAUCUGAGUGAG | |
| miR-622 | -2.15 | ACAGUCUGCUGAGGUUGGAGC | |
| miR-632 | -1.99 | GUGUCUGCUUCCUGUGGA | |