Supplementary Material

**Supplementary Table 1.** Quantitative PCR primers: A Disintegrin and Metalloproteinase domain-containing protein 10 (ADAM10), Collagen Type 1 Alpha 1 Chain (COL1A1), Catenin Beta Interacting Protein 1 (CTNNBIP1), and Signal Transducers and Activators of Transcription 3 (STAT3).

|  |  |  |  |
| --- | --- | --- | --- |
| ***Gene*** | ***Forward primer 5’🡪 3’*** | ***Reverse primer 5’ 🡪 3’*** | ***Accession code*** |
| **ADAM10** | CACGAGAAGCTGTGATTGCC | CGGAGAAGTCTGTGGTCTGG | AF009615.1 |
| **COL1A1** | GGCTCCTGCTCCTCTTAGCG | CATGGTACCTGAGGCCGTTC | NM\_000088.4 |
| **CTNNBIP1** | CTTCCTACTTCTGCCCAGCC | CAGGCAAACAGGTGCTCAAC | NM\_020248.3 |
| **STAT3** | AGCAGTTTCTTCAGAGCAGGT | CACAATCCGGGCAATCTCCA | NM\_139276.3 |

**Supplementary Table 2.** Number of miRNAs that resulted up or downregulated per treatment group and timepoint.

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| --- | --- | --- | --- |
| ***Treatment group*** | ***Time point (h)*** | ***#Downregulated miRNAs*** | ***#Upregulated miRNAs*** |
| ***ETC*** | 1.5 | 4 | 40 |
|  | 2.5 | 6 | 51 |
|  | 24 | 12 | 12 |
|  | 72 | 7 | 22 |
| ***DCO*** | 1.5 | 17 | 13 |
|  | 2.5 | 7 | 42 |
|  | 24 | 27 | 9 |
|  | 72 | 35 | 5 |