

Supplementary Materials:

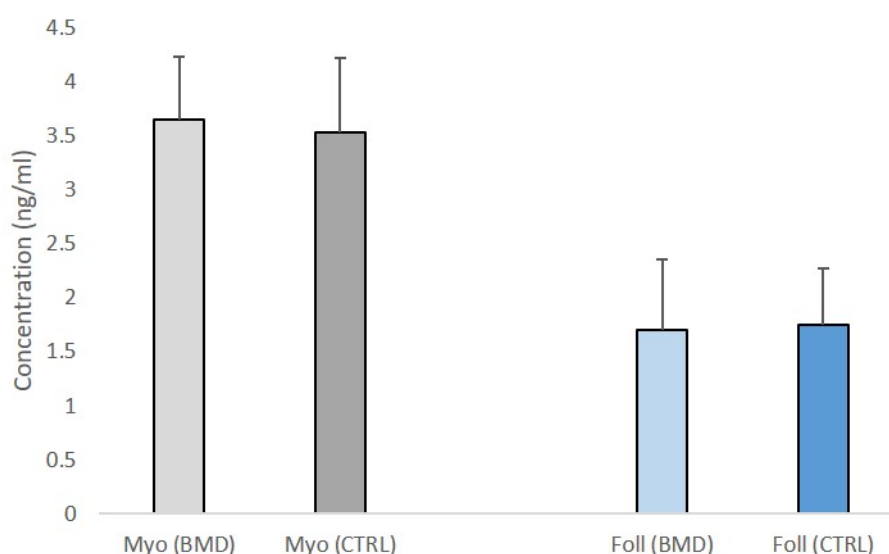


Figure S1 Myostatin (Myo) and follistatin (Foll) levels in plasma of eight Becker muscular dystrophy (BMD) and six controls. Data were presented as mean + standard deviation.

Table S1. TaqMan microRNA primer sequences.

| MiRNA | Mature miRNA sequence | Assay ID |
|-----------------|---|----------|
| hsa-miR-1-3p | UGGAAUGUAAAGAAGUAUGUAU | 002222 |
| hsa-miR-206 | UGGAAUGUAAGGAAGUGUGUGG | 000510 |
| hsa-miR-133a-3p | UUUGGUCCCCUUCAACCAGCUG | 002246 |
| hsa-miR-133b | UUUGGUCCCCUUCAACCAGCUA | 002247 |
| hsa-miR-155-5p | UUA AUGCUAAUCGUGAUAGGGGU | 002623 |
| hsa-miR-221 | AGCUACA UUGUCUGCUGGGUUC | 000524 |
| hsa-miR-146b | UGAGAACUGAAUUC CAUAGGCU | 001097 |
| cel-miR-39-3p | UCACCGGGUGUAAAUCAGCUUG | 000200 |
| hsa-miR-16 | UAGCAGCACGUAAAUAUUGGCG | 000391 |
| U6 snRNA | GTGCTCGCTTCGGCAGCACATATACTAAA TTGGAACGATACAGAGAAGATTAGCATGG CCCCTGCCAAGGATGACACGCAAATTCGT GAAGCGTTCATATTTT | 001973 |

Table S2. Fatty infiltration with Mercuri score in lower limb muscles.

| BMD Patients | Thigh Muscles | | Leg Muscles | |
|---------------------|----------------------|-------------------|--------------------------|----------------------|
| | Quadriceps | Hamstrings | Tibialis Anterior | Gastrocnemius |
| Patient 1 | 3 | 4 | 2a | 3 |
| Patient 2 | 3 | 4 | 2a | 4 |
| Patient 3 | 0 | 0 | 0 | 0 |
| Patient 4 | 1 | 1 | 0 | 1 |
| Patient 5 | N.D. | N.D. | N.D. | N.D. |
| Patient 6 | 0 | 0 | 0 | 0 |
| Patient 7 | 1 | 2a | 0 | 1 |
| Patient 8 | 1 | 2a | 0 | 2a |

N.D.: not determined