

Supplemental Table 2 (appendix). Serum miRNA results in male vs. female controls

miRNA serum levels* (*10³)	Male controls N = 26	Female controls N = 24	p value
Age, years	36 ± 13	41 ± 11	0.15
-206	0.19 (0.12-0.64)	0.38 (0.13-0.87)	0.32
-144	13.16 (6.53-19.63)	12.65 (9.12-21.03)	0.92
-146b-5p	16.64 (6.86-33.02)	19.88 (6.41-42.27)	0.57
-15b	2.46 (0.81-3.93)	2.75 (1.24-8.49)	0.39
-195	13.63 (10.46-16.81)	13.46 (11.74-15.91)	0.88
-20b	35.95 (27.39-51.02)	41.51 (31.65-66.94)	0.11
-21-5p	9.58 (5.86-18.33)	10.55 (7.06-25.90)	0.60
-221	10.61 (7.73-17.12)	13.59 (0.89-35.06)	0.83
-222	79.22 (43.34-169.52)	95.65 (67.93-149.18)	0.61
-26a	49.40 (26.58-63.10)	52.50 (17.12-136.09)	0.71
-29a	0.07 (0.00-1.11)	0.93 (0.00-2.01)	0.45
-29c	0.56 (0.27-2.72)	0.83 (0.00-2.32)	0.38
-342	73.89 (45.30-171.19)	98.71 (66.63-142.78)	0.66
-378a-3p	0.00 (0.00-0.18)	0.00 (0.00-0.34)	0.56
-378a-5p	0.58 (0.30-1.79)	0.85 (0.48-1.55)	0.24
-451	144.45 (107.74-169.24)	124.83 (103.12-185.29)	0.61
-93	35.37 (25.60-49.70)	38.71 (27.66-46.52)	0.83

(*) – Each miRNA serum level was normalized to miRNA-16 serum levels and thereafter multiplied by 10³ in order to increase readability.

Supplemental table 3 (Appendix). Serum miRNA results in male MD patients vs. MD-carriers

miRNA serum levels* (*10³)	MD patients N = 25	MD-carriers N = 29	p value
Age, years mean +- sd	36 ± 19	45 ± 14	0.09
DMD, n (%)	12 (48)	18 (62)	0.41
-206	15.54 (3.78-50.37)	38.73 (10.86-70.06)	0.15
-144	78.92 (0.00-228.67)	0.00 (0.00-0.00)	0.001
-146b-5p	7.41 (0.00-90.29)	0.00 (0.00-95.45)	0.78
-15b	0.37 (0.00-28.20)	0.00 (0.00-13.13)	0.27
-195	11.28 (0.57-28.38)	9.99 (0.58-20.91)	0.72
-20b	65.52 (19.11-83.77)	35.91 (11.55-66.22)	0.39
-21-5p	40.26 (0.00-108.25)	2.92 (0.00-77.28)	0.45
-221	0.00 (0.00-29.46)	0.00 (0.00-32.99)	0.60
-222	1616.92 (638.43-4732.47)	3972.80 (1489.47-6881.28)	0.11
-26a	257.99 (121.01-460.52)	191.59 (40.72-474.63)	0.48
-29a	0.00 (0.00-0.00)	0.00 (0.00-0.00)	0.54
-29c	0.00 (0.00-0.00)	0.09 (0.00-1.64)	0.024
-342	2069.11 (860.67-4114.63)	2633.27 (1194.51-4321.52)	0.53
-378a-3p	15.33 (0.00-69.46)	3.59 (0.00-88.53)	0.50
-378a-5p	21.14 (8.84-66.22)	53.57 (18.76-170.52)	0.18
-451	147.28 (30.24-243.25)	144.00 (0.00-244.83)	0.97
-93	26.19 (0.00-44.47)	13.50 (0.00-55.57)	0.85

(*) – Each miRNA serum level was normalized to miRNA-16 serum levels and thereafter multiplied by 10³ in order to increase readability.