

miRNA Abundance	Lean (18-25 kg/m²) (n=18)	Overweight/Obese(>25 kg/m²) (n=50)	p-value
miR-24-5p	0.28 ± 0.52	0.32± 0.02	0.48
miR-17-5p	0.64 ± 0.04	0.60 ± 0.05	0.72
miR-221-3p	0.51 ± 0.03	0.55± 0.04	0.46
miR-15a-5p	0.45 ± 0.02	0.37 ± 0.04	0.30
miR-361-5p	0.05± 1.08	0.05 ± 0.004	0.44
miR-21-3p	0.008±0.001	0.008±0.001	0.87
miR-7-5p	0.001 ± 0.000	0.001 ± 0.0002	0.69
miR-320a-3p	1.96 ± 0.23	2.07 ±0.17	0.92
miR-146-5p	0.05 ± 0.01	0.05 ± 0.00	0.92
miR-126-3p	1.23± 0.14	1.03 ± 0.09	0.37
miR-375-5p	0.06 ± 0.18	0.06 ± 0.05	0.90

Supplementary Table S1: Quantitative analysis of the Eleven miRNAs

The abundance of miRNAs between groups categorized based on BMI (Lean Vs Overweight/Obese)
Data are expressed as Mean ± SEM. miR; microRNA.