

Supplementary Table 2

Zhao et al., 2009

Taqman-based real time PCR measurement on 10 individual islet samples confirms majority of LNA-based profiling results for selected miRNAs.

miRNA name	B6 mice				BTBR mice				correlation
	lean	<i>ob/ob</i>	FC	p-value	lean	<i>ob/ob</i>	FC	p-value	
mir-34a	-5.68 ± 0.35	-4.45 ± 0.27	2.3	NS	-5.43 ± 0.29	-3.43 ± 0.33	4	0.0043	1.00
mir-132	-1.96 ± 0.10	1.29 ± 0.06	9.5	6.3E-15	-1.56 ± 0.09	0 ± 0.12	2.9	1.3E-07	1.00
mir-212	-5.46 ± 0.16	-1.73 ± 0.11	13.3	3.2E-12	-5.06 ± 0.13	-3.10 ± 0.24	3.9	1.7E-05	1.00
mir-184	-3.27 ± 0.12	-8.53 ± 0.12	-38.3	4.8E-09	-3.57 ± 0.16	-9.73 ± 0.39	-71.5	2.1E-07	0.94
mir-211	-6.16 ± 0.23	-5.94 ± 0.12	1.2	NS	-5.93 ± 0.15	-7.88 ± 0.24	-3.9	4.0E-05	0.97
mir-152	-1.20 ± 0.10	0.17 ± 0.07	2.6	3.2E-08	-0.84 ± 0.08	-0.15 ± 0.12	1.6	0.0032	0.99
mir-27b	0.12 ± 0.10	-0.94 ± 0.06	-2.1	6.9E-07	0.20 ± 0.13	-1.04 ± 0.15	-2.4	0.0002	0.72
mir126-5p	-2.08 ± 0.09	-1.42 ± 0.09	1.6	0.0007	-1.98 ± 0.09	-1.62 ± 0.17	1.3	NS	0.96
mir-214	-7.04 ± 0.22	-6.11 ± 0.14	1.9	0.0416	-6.75 ± 0.21	-5.73 ± 0.22	2	0.0524	-0.29