

Table S2: Deregulated miRNA involved in insulin sensitivity. Looking in PubMed (key word “sensitivity” “insulin” “named of the miRNA), we found that 21 out 56 deregulated miRNA have been involved in insulin sensitivity (in bold).

	log2FoldChange	Padj	Reference
rno-mir-204-5p	-1.007	0.002	[1]
rno-mir-190b-5p	-1.008	0.03	[2]
rno-mir-30b-5p	-1.028	0.003	[3]
rno-mir-140-3p	-1.062	0.002	
rno-mir-451-5p	-1.066	0.003	
rno-mir-148b-3p	-1.084	0.014	
rno-mir-186-5p	-1.114	0.008	
rno-mir-27a-3p	-1.188	0.0005	[4]
rno-mir-146a-5p	-1.221	0.0003	[5]
rno-mir-30d-5p	-1.265	0.0004	[5]
rno-mir-26a-5p	-1.274	4.13e-05	[6]
rno-mir-10b-5p	-1.299	0.002	
rno-mir-181b-5p	-1.304	0.001	[7]
rno-mir-203a-3p	-1.332	0.004	
rno-mir-30a-5p	-1.346	0.001	[8]
rno-mir-23b-3p	-1.358	8.71e-06	
rno-mir-181a-5p	-1.378	0.002	
rno-mir-328a-3p	-1.397	0.001	
rno-mir-24-3p	-1.439	0.001	[7]
rno-mir-27a-3p	-1.449	1.58e-05	[4]
rno-mir-92a-3p	-1.461	4.26e-06	
rno-mir-10a-5p	-1.463	0.0003	
rno-mir-24-3p	-1.488	0.002	[7]
rno-mir-195-5p	-1.507	2.09e-05	
rno-mir-361-5p	-1.550	4.36e-05	[9]
rno-mir-296-5p	-1.603	0.0010	
rno-mir-23a-3p	-1.616	8.79e-08	
rno-mir-26b-5p	-1.625	7.54e-06	
rno-mir-218a-5p	-1.69	8.03e-05	[10]
rno-mir-339-5p	-1.72	2.79e-05	
rno-mir-199a-3p	-1.73	3.23e-07	
rno-mir-30c-5p	-1.74	1.81e-06	
rno-mir-196a-5p	-1.74	0.0002	
rno-mir-30c-5p	-1.75	1.72e-06	
rno-mir-196b-1	-1.77	3.50e-05	
rno-mir-196b-2	-1.77	3.50e-05	
rno-mir-320-3p	-1.77	2.27e-05	[11,12]
rno-mir-221-3p	-1.82	1.19e-07	[13]

rno-mir-22-3p	-1.86	8.96e-06	[14]
rno-mir-99a-5p	-1.92	2.788e-09	
rno-mir-222-3p	-2.006	1.03e-08	
rno-mir-100-5p	-2.048	1.19e-07	
rno-mir-126a-3p	-2.050	6.51e-07	[13]
rno-mir-223-3p	-2.070	9.44e-09	
rno-mir-99b-5p	-2.118	6.74e-11	
rno-mir-152-3p	-2.366	9.17e-09	
rno-mir-107-3p	-2.679	3.55e-09	[15]
rno-mir-194-5p	-3.523	2.29e-13	[16]
rno-mir-378a	-3.566	4.40e-33	[16]
rno-mir-194-3p	-3.953	7.82e-26	
rno-mir-455-3p	-4.021	2.09e-17	
rno-mir-192-5p	-4.440	4.75e-43	[16]
rno-mir-3068-3p	1.25	0.014	

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