

Supplementary data

Table S1. Microarray analysis of differentially expressed microRNAs in wild type and IRS-1^{-/-} mice

MicroRNA	2-fold change (up-regulated)	MicroRNA	2-fold change (down-regulated)
mmu-miR-296-3p	29.27926	mmu-miR-143	0.015678
mmu-miR-3095-3p	24.07117	mmu-miR-511-3p	0.017776
mmu-miR-711	18.04219	mmu-miR-425	0.058212
mmu-miR-193b	17.9734	mmu-miR-148b	0.062801
mmu-miR-365	16.05411	mmu-miR-125a-5p	0.100553
mmu-miR-2137	8.807258	mmu-miR-34b-3p	0.106321
mmu-miR-882	8.024502	mmu-miR-32	0.130723
mmu-miR-744	7.45399	mmu-miR-125b-5p	0.137221
mmu-miR-291b-5p	7.272188	mmu-miR-1839-3p	0.15878
mmu-miR-1900	6.746615	mmu-miR-669m-3p	0.166535
mmu-miR-1949	6.469205	mmu-miR-33	0.177672
mmu-miR-1892	6.351003	mmu-miR-342-3p	0.208169
mmu-miR-877	5.923232	mmu-miR-503	0.240889
mmu-miR-290-5p	5.423355	mmu-miR-29c	0.243544
mmu-miR-193	5.139421	mmu-miR-142-5p	0.244269
mghev-miR-M1-8	4.844797	mmu-miR-3068	0.261313
mmu-miR-291a-5p	4.188771	mmu-miR-574-5p	0.266805
mmu-miR-710	4.077128	mmu-miR-500	0.275799
mmu-miR-294	3.98219	mmu-miR-222	0.287481
mmu-miR-107	3.812681	mmu-miR-17	0.322588
mmu-miR-351	3.33625	mmu-miR-350	0.328491
mmu-miR-300	3.028173	mmu-miR-101a	0.332314
mmu-miR-29a	2.990734	mmu-miR-361	0.332903
mmu-miR-181a	2.864238	mmu-let-7g	0.341528
mmu-miR-3096-5p	2.84753	mmu-miR-30e	0.350587
mmu-miR-204	2.844823	mmu-miR-98	0.351965
mmu-miR-15b	2.505462	mmu-miR-301a	0.380265
mmu-let-7e	2.492818	mmu-miR-101b	0.403142
mmu-miR-1947	2.486206	mmu-miR-326	0.404033
mmu-miR-883a-5p	2.331398	mmu-miR-705	0.421695
mmu-miR-24-2	2.253561	mmu-miR-19a	0.430661
mmu-miR-1897-5p	2.143322	mmu-miR-93	0.434755
mmu-miR-665	2.128158	mmu-let-7i	0.436403
mmu-miR-223	2.031092	mmu-miR-24-1	0.443501
		mmu-miR-142-3p	0.450311
		mmu-miR-7a	0.451565
		mmu-miR-652	0.453026
		mmu-miR-26b	0.453815

mmu-miR-27b	0.455711
mmu-miR-340-5p	0.461645
mmu-miR-191	0.462092
mmu-miR-3069-3p	0.46966
mmu-miR-669o-5p	0.478829
mmu-miR-466f-3p	0.486755
mmu-miR-27a	0.493632
