Supporting Information

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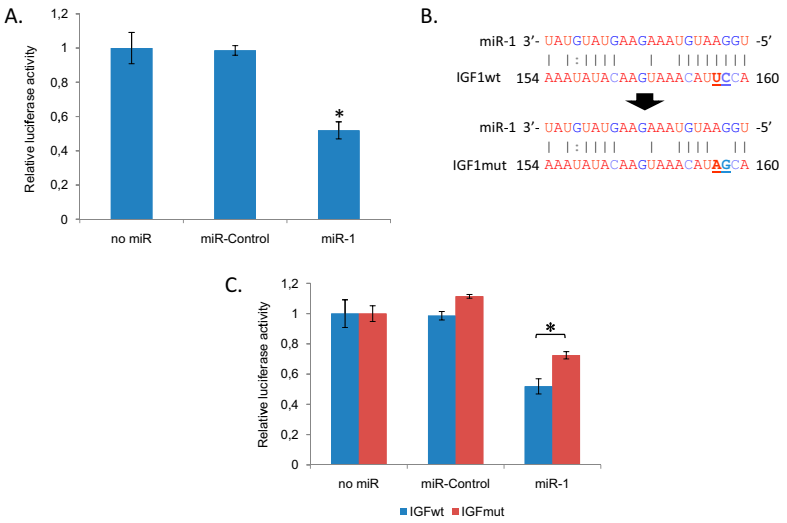

Fig. S1. The 3′-UTR of mouse *IGF-1* presents a functional binding site for miR-1. (*A*) The 3′-UTR of mouse *IGF-1* was cloned downstream the ORF of Renilla luciferase, and the plasmid was transfected alone or together with a control miR or miR-1 precursor molecules. Renilla luciferase activity was measured 18 h later, and data were normalized against firefly luciferase activity. (*B*) Pairwise alignment between miR-1 and the WT and mutated 3′-UTR of *IGF-1* (IGF-1mut), in which bases at positions 3 and 4 of the seed region were mutated (underlined bases). (*C*) Luciferase assays using the WT (blue bars) or mutated (red bars) 3′-UTR of mouse *IGF-1* alone or together with a control miR or miR-1 precursor molecules. All of the experiments were carried out in triplicate.