

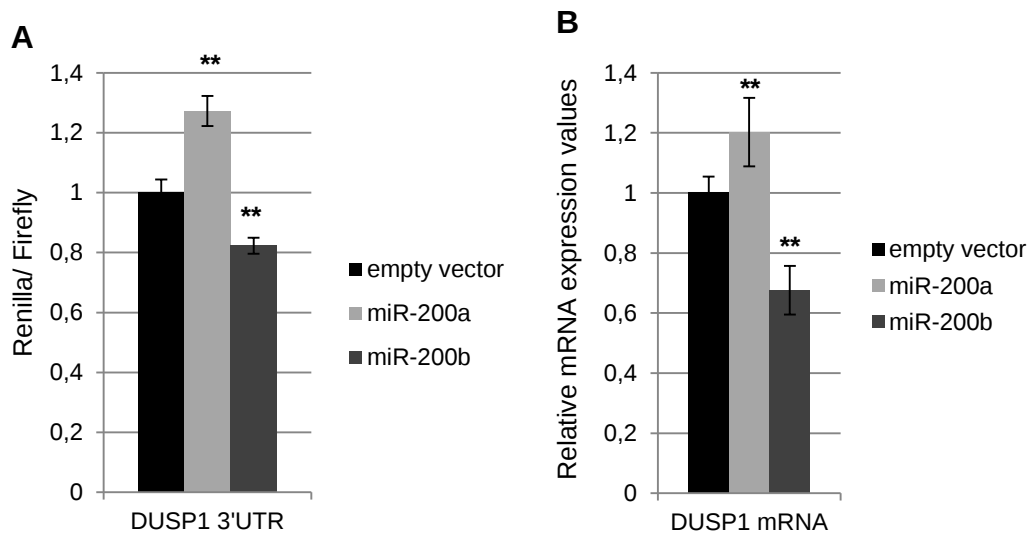


Fig S1. The miR-200a exerts its unconventional effect also on DUSP-1 mRNA.

(A) Luciferase assay with HEK 293T co-transfected with reporter construct DUSP1 3'UTR and microRNA over expressing plasmids (miR-200a, miR-200b) showed an antithetical effect of the two microRNA, miR-200a enhanced whereas miR-200b decreased the RLuc activity. (B) qRT-PCR of DUSP1 mRNA showed an opposite effect of the two microRNA , miR-200a and miR-200b, also on the endogenous DUSP1 mRNA level, in HEK 293T cells. Data represented the mean $\pm$ SD (of two independent experiments in the right panel). In both experiments the mean value of the corresponding empty vector was set to 1. The asterisks (*) indicate statistically significant modulations respect to empty vector according to paired Student's test **p < 0.01.