Figure S2

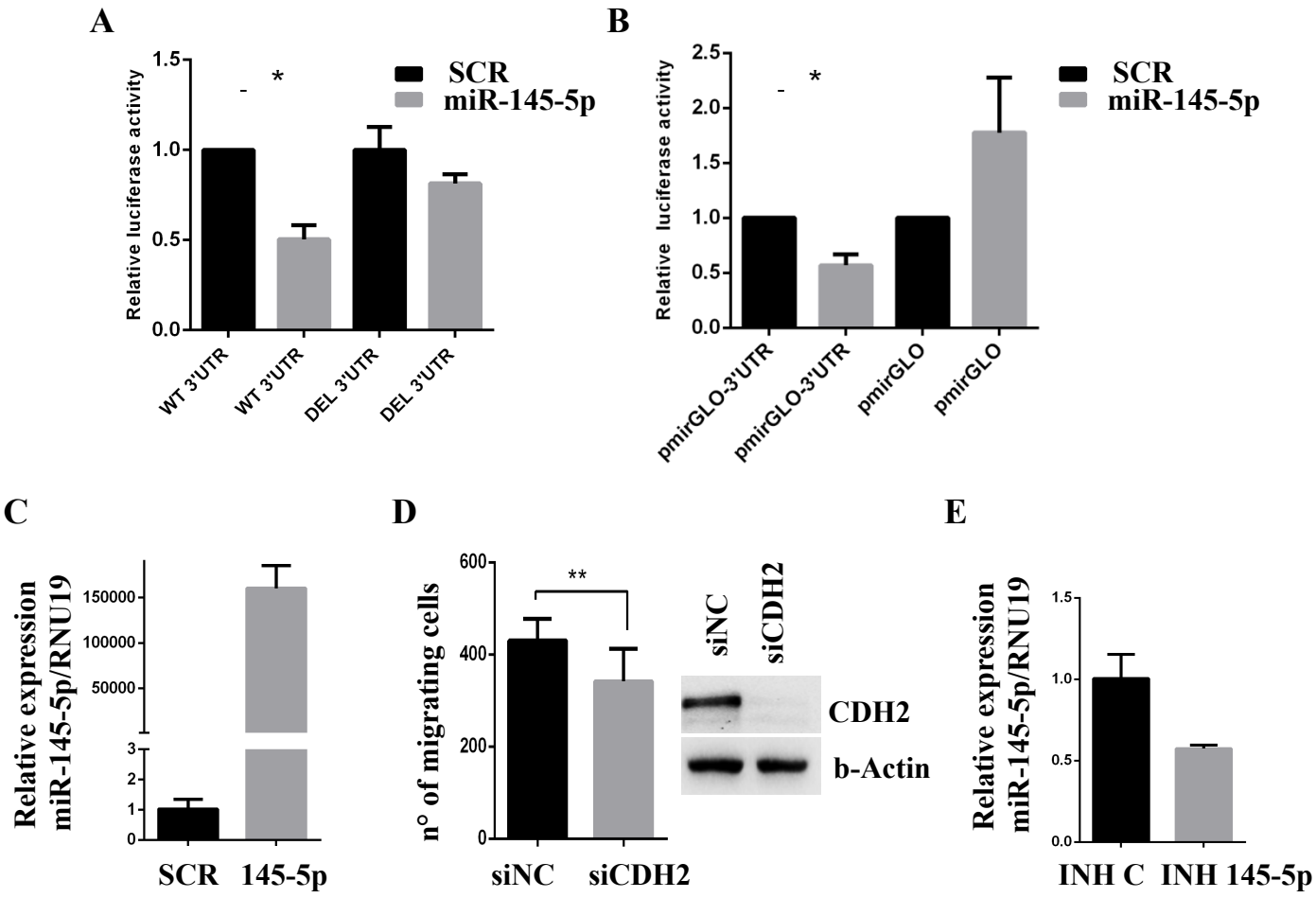

Figure Legend: A) Luciferase reporter assay using vectors encoding the partial sequence of the 3'-UTR of Golm-1 mRNA (WT) and the mutant derivative lacking the putative miR-145-5p recognition sequences (position 260-267 of the Golm-11 3'-UTR) (DEL) were co-tansfected for 48h with 20 nM of miR-145-5p or negative control (SCR) in TC1889 cells. Renilla luciferase values were normalized to firefly luciferase values. **B)** Luciferase reporter assay using the vector encoding the 3'-UTR of CDH2 mRNA carrying a putative miR-145-5p binding site (pmirGLO-3'-UTR) or the empty vector (pmirGLO) that were co-transfected for 48h with 5 nM miR-145-5p or negative control (SCR) in TC1889 cells. Firefly luciferase activity was normalized to Renilla luciferase expression for each sample. **C)** RT-qPCR to evaluate the expression levels of miR-145-5p after the treatment of TC1889 cells with the pre-miRNA145 (145-5p) and pre-miRNA Precursor Negative Control (SCR). **D**) Evaluation of the impact siRNA for CDH2 (siCDH2) in TC1889 by migration assay after 72h; **E)** evaluation by RT-qPCR of miR-145-5p expression after the treatment of TC1889 cells with the inhibitor of miR-145-5p (INH 145) or negative control (INH C).

P-value was calculated by unpaired t-test and a value of $P \leq 0.05$(*) and $P \leq 0.01$(**) was considered statistically significant.