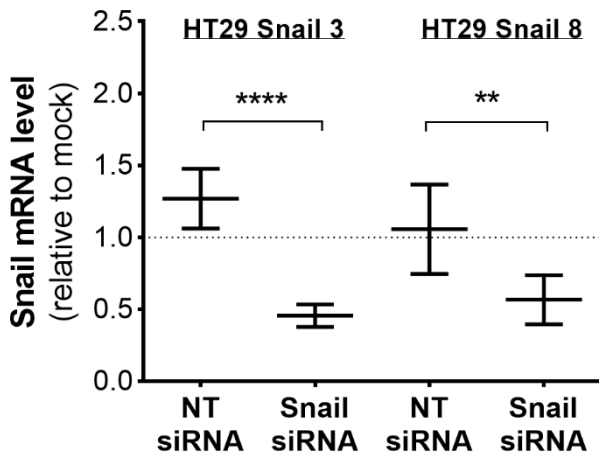


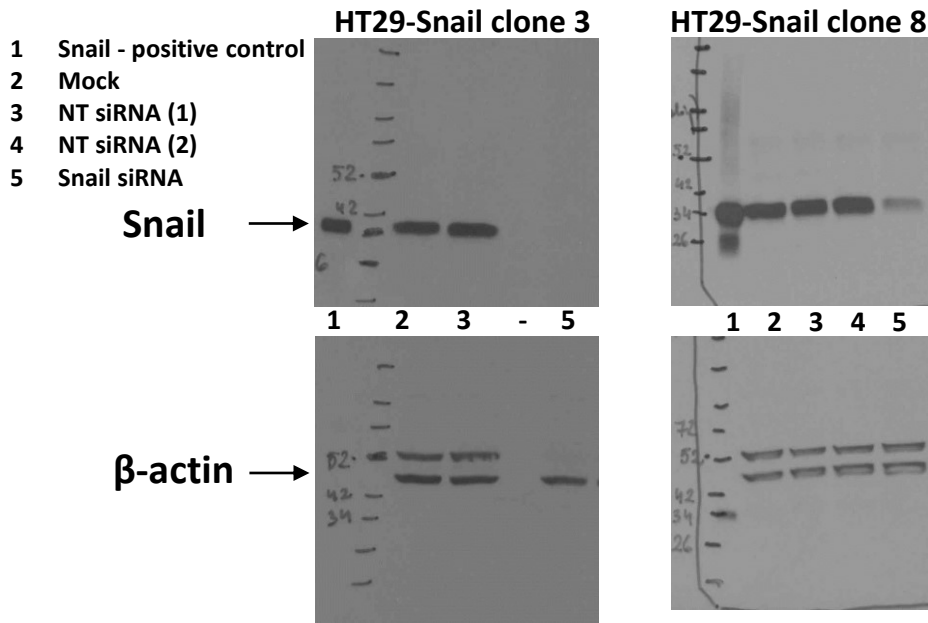
Regulation of miRNAs by Snail during
epithelial-to-mesenchymal transition
in HT29 colon cancer cells.

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Kowalska M. Anna

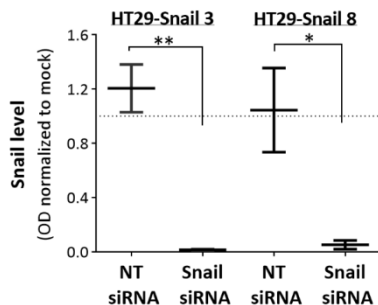
Supplementary Information



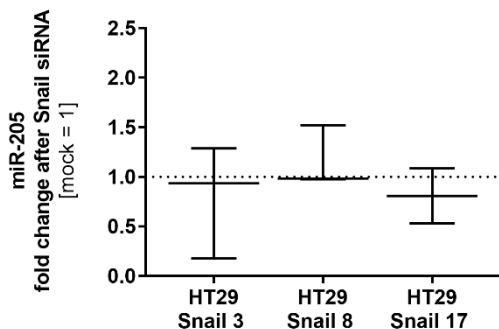
Supplementary Figure S1A. *Snail silencing effects through Snail-siRNA delivery.* Relative Snail mRNA expression after Snail siRNA delivery. Results shown as mean with SD. Differences were tested with unpaired t test with Welch's correction ** $p \leq 0.003$; **** $p < 0.0001$; $n \geq 6$.



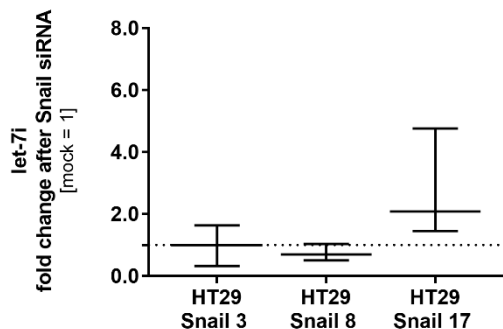
Supplementary Figure S1B. *Snail silencing effects through Snail-siRNA delivery.* Snail protein was analyzed by immunoblotting. Images show representative results of Western blot analysis. Bands were quantified by densitometry. Intensity of Snail band was normalized against respective β -actin band. Results shown as mean with SD. Differences were tested with t test with Welch's correction; ** $p=0,0072$; * $p=0,03$; $n=3$.



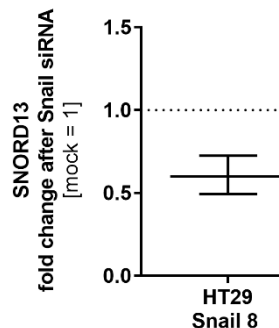
A



B



C



Supplementary Figure S2. *Relative miRs expression after Snail silencing.* Results shown as median with interquartile range. The effect of siRNA shown as relative to miRs level in mock. Results were tested with Wilcoxon signed-rank test, $n \geq 3$.

Supplementary Table S1

List of miRNAs found downregulated in mesenchymal vs epithelial, (NCI60 panel) in the large-scale analysis of miRNA expression signatures and in the intermediate epithelial vs epithelial, in the HT29-Snail clones.

miRNA	average LogFC HT29-Snail (clones 3 and 8) vs HT29-pcDNA
hsa-mir-129	-0,329
hsa-miR-136	-0,085
hsa-miR-141	-0,337
hsa-miR-155	-0,256
hsa-miR-200b	-0,614
hsa-miR-200c	-0,506
hsa-mir-331	-0,328
hsa-miR-378	-0,554
hsa-miR-429	-0,278
hsa-mir-192	-1,051
hsa-mir-194	-1,162