

Supplementary Materials: Hsa-miR-125b Therapeutic Role in Colon Cancer Is Dependent on the Mutation Status of the TP53 Gene

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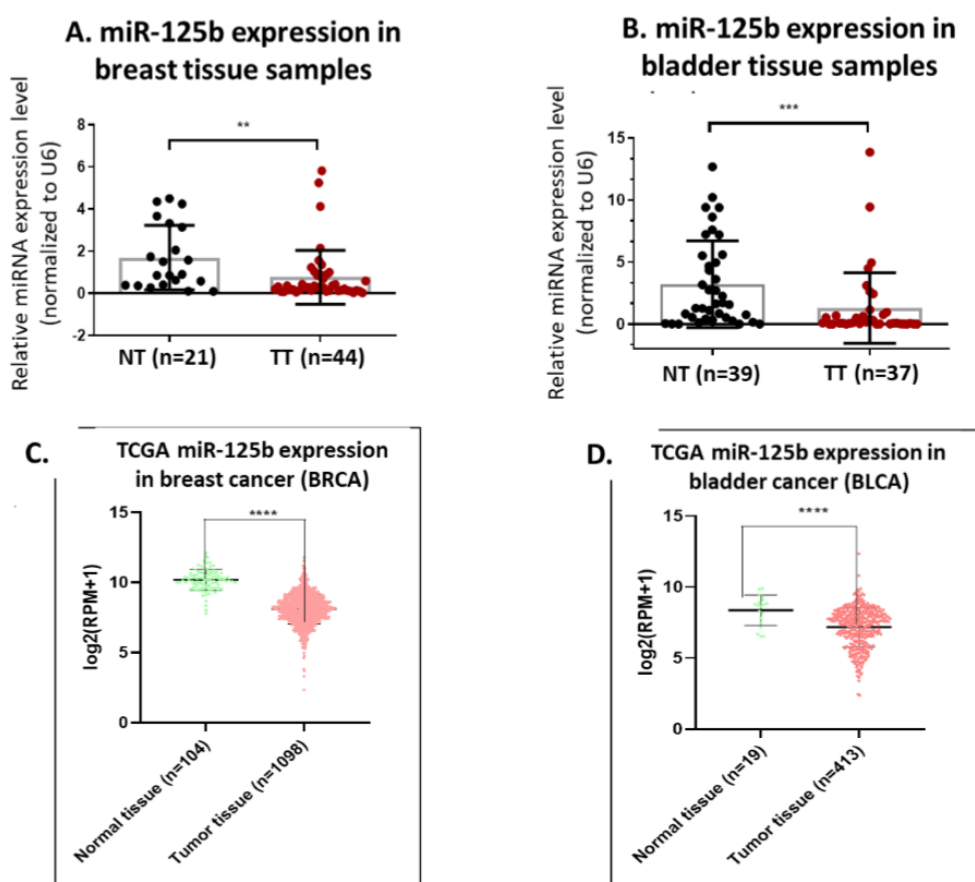


Figure S1. Figure S1: miR-125b expression in breast and bladder cancer from TCGA data and from local cohorts. **A.** RT-qPCR results of miR-125b-5p expression in double positive breast cancer tissue samples ($n=44$) versus normal adjacent tissue samples ($n=21$) (data presented as mean \pm S.D.; $**p = 0.0014$, two-tailed Mann Whitney test) **B.** RT-qPCR results of miR-125b-5p expression in bladder cancer tissue samples ($n=37$) versus normal adjacent tissue samples ($n=39$) (data presented as mean \pm S.D.; $***p = 0.0003$, two-tailed Mann Whitney test). Experiments including the local cohorts of patients were performed in duplicate for each sample and miR-125b-5p relative expression was expressed by fold-change and normalized to U6 snRNA **C.** Validation of miR-125b-5p expression (RNASeq count) on BRCA cohort from TCGA database in tumor tissue ($n=1098$) compared to normal adjacent ones ($n=104$) (data presented as mean \pm S.D.; $****p < 0.0001$, two-tailed Mann Whitney test). **D.** Validation of miR-125b-5p expression (RNASeq count) on BLCA cohort from TCGA database in tumor tissue ($n=413$) compared to normal adjacent one ($n=19$) (data presented as mean \pm S.D.; $****p < 0.0001$, two-tailed Mann Whitney test).