



Supplementary Figure 4. Knockdown by Pard3-shRNA2# increases TGF-β1 induced ATC EMT and Tiam1/Rac1 signaling. FRO cells were transfected with Pard3 shRNA2#, and subsequently treated with TGF-β1 (10 ng/ml) for 48 h. Untransfected cells with or without TGF-β1 treatment were also included. **(a-c)** E-cadherin, N-cadherin, Vimentin, Snail, Twist and ZEB1, active Tiam1 and Rac1 expression were detected by western blotting. GAPDH was used as a loading control ($*p < 0.05$, $**p < 0.01$, one-way ANOVA). **(d)** E-cadherin and N-cadherin expression in FRO was detected by immunofluorescence. $N = 3$ independent experiments with triplicate biological replicates for each line.