



Supplementary Figure 7. Knockdown by Pard3-shRNA2# increases TGF- β 1 induced EMT and Tiam1/Rac1 signaling on FRO cell. FRO cells were transfected stably with Pard3-shRNA2#, miR-483 inhibitor/ miR-483 inhibitor NC or miR-483 mimics/miR-483 mimics NC and subsequently treated with TGF- β 1 (10 ng/ml) for 48 h. Untransfected cells with or without TGF- β 1 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 ($*p < 0.05$, $**p < 0.01$, $***p < 0.001$, one-way ANOVA, ns= non-significant). **(d)** E-cadherin and N-cadherin expression in FRO cells was detected by immunofluorescence. N = 3 independent experiments with triplicate biological replicates for each line.