



**Supplementary Figure 3.** Pard3 regulates TGF-β1 induced ATC EMT. 8505C cells were stably transfected with pcDNA3.1-Pard3 and subsequently treated with TGF-β1 (10 ng/ml) for 48 h. Untransfected cells with or without TGF-β1 treatment were also included. (a) N-cadherin, Snail, Twist and ZEB1 expression were detected by western blotting. GAPDH was used as a loading control (\**p* < 0.05, \*\**p* < 0.01, one-way ANOVA). (b) E-cadherin and N-cadherin expression in 8505C was detected by immunofluorescence. FRO cells were transfected with Pard3 shRNA3#, and subsequently treated with TGF-β1 (10 ng/ml) for 48 h. Untransfected cells with or without TGF-β1 treatment were also included. (c) N-cadherin, Snail, Twist and ZEB1, 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.