

Supplemental Figure 1. Downregulation of PRMT1 expression attenuates the TGF- β -induced EMT of HaCaT cells, as shown using two different siRNAs. (A, B) HaCaT cells, transfected with PRMT1 siRNA #4, PRMT1 siRNA #7, or control siRNA, were treated with TGF- β for 48 or 72 h to induce EMT or were left untreated. The relative expression of PRMT1 (A) and PAI1 (B) mRNA was quantified by q-RT-PCR. * $p < 0.05$ and # $p < 0.0001$ vs. control siRNA at the same time point. (C) Downregulation of PRMT1 expression following transfection with either PRMT1 siRNA #4 or PRMT1 siRNA #7 reduced the TGF- β -induced increase in fibronectin expression and decrease in claudin1 expression.

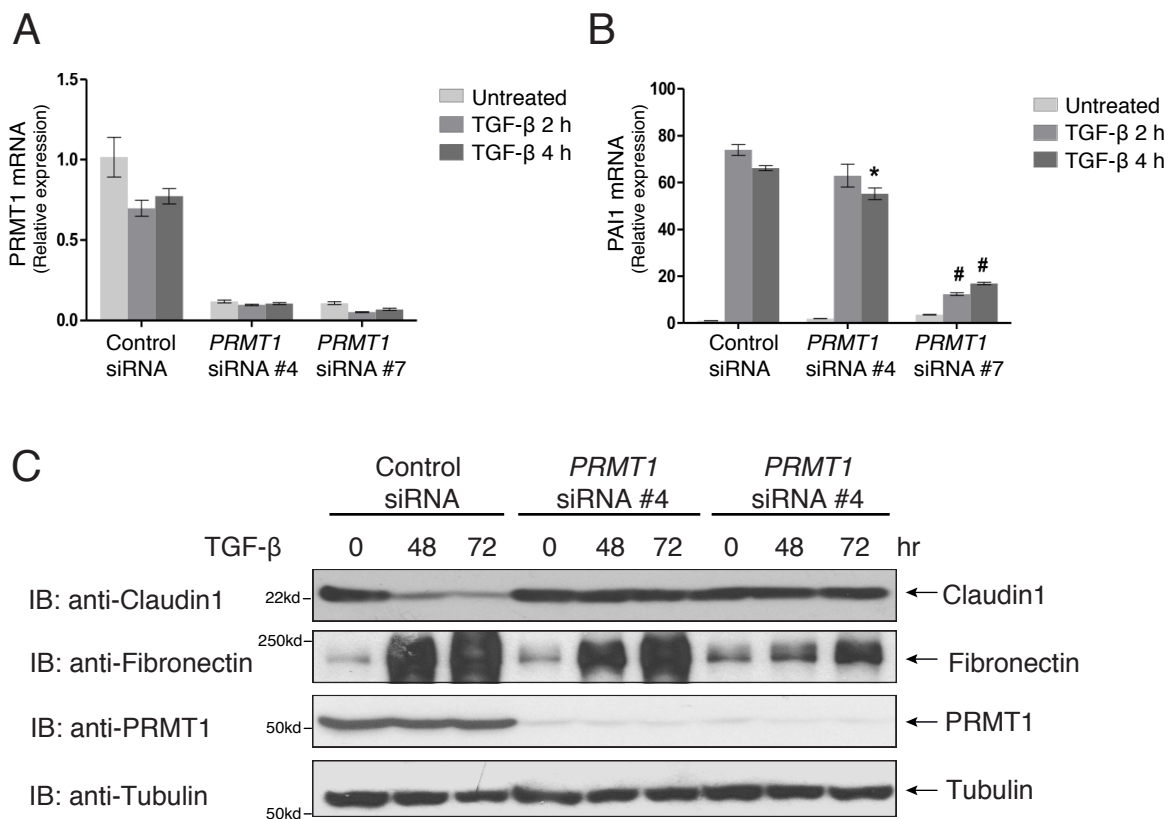


Figure S1. Katsuno et al.

Table S1: qRT-PCR primer sequences

Gene (human)	Forward primer (5'→3')	Reverse primer (5'→3')
<i>PAI1</i>	TTCAGCCCTTGCTTGCCCTC	ACACTTTTACTCCGAAGTCGGT
<i>Smad7</i>	TGCTGTGAATCTTACGGGAAG	AATCCATCGGGTATCTGGAG
<i>E-cadherin</i>	TGCACCAACCCTCATGAGTG	GTCAGTATCAGCCGCTTTCAG
<i>N-cadherin</i>	ACAGTGGCCACCTACAAAGG	CCGAGATGGGGTTGATAATG
<i>Fibronectin</i>	TCCCTCGGAACATCAGAAAC	CAGTGGGAGACCTCGAGAAG
<i>Vimentin</i>	GACGCCATCAACACCGAGTT	CTTTGTCGTTGGTTAGCTGGT
<i>ZEB1</i>	GCACCTGAAGAGGACCAGAG	TGCATCTGGTGTTCATTTT
<i>ZEB2</i>	AAGCCCCATCAACCCATACAAG	AAATTCCTGAGGAAGGCCCA
<i>Snail</i>	TTCTCACTGCCATGGAATTCC	GCAGAGGACACAGAACCAGAAA
<i>Slug</i>	GCCTCCAAAAAGCCAACTACA	GAGGATCTCTGGTTGTGGTATGACA
<i>CD44</i>	TCAGAGGAGTAGGAGAGAGGAAAC	GAAAAGTCAAAGTAACAATAACAGTGG
<i>KLF4</i>	CCGCTCCATTACCAAGAGCT	ATCGTCTTCCCCTCTTTGGC
<i>BMI1</i>	TGGAGAAGGAATGGTCCACTTC	GTGAGGAAACTGTGGATGAGGA
<i>POU5F1</i>	GTGGAGAGCAACTCCGATG	TGCTCCAGCTTCTCCTTCTC
<i>NANOG</i>	ATTCAGGACAGCCCTGATTCTTC	TTTTTGCGACACTTCTCTGTC
<i>RPL19</i>	ATGAGTATGCTCAGGCTACAGA	GCATTGGCGATTTTCATTGGTC-3