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OPEN Author Correction: Snail collaborates with EGR-1 and SP-1 to directly activate transcription of MMP 9 and ZEB1

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This Article contains errors in Figures 6b and 6c where the 'shRNA' axes labels are missing. Additionally, in Figure 6D, 'shRNA' is erroneously included as part of the 'ZEB1/GAPDH' label. The correct Figure 6 appears below as Figure 1.

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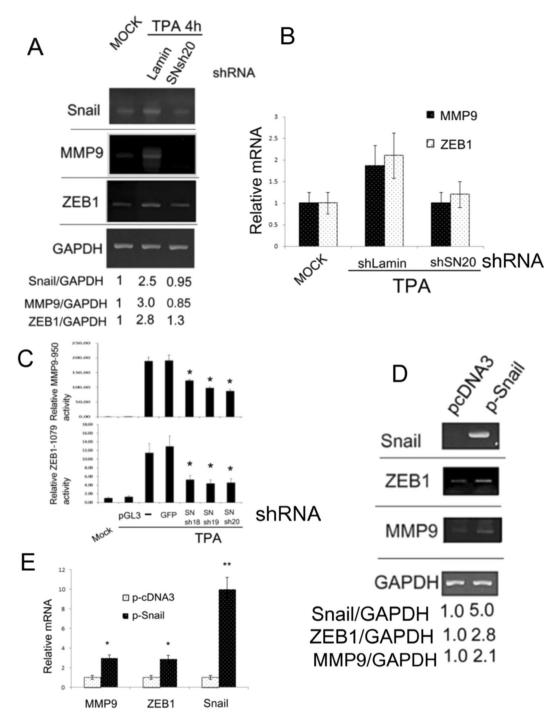


Figure 1. Snail is essential for expression and promoter activation of MMP9 and ZEB1. HepG2 cells were transfected with none (MOCK) or plasmids encoding indicated Snail shRNAs ($\bf A, B, C$) and control shRNA of Lamin ($\bf A$), ($\bf B$) or GFP ($\bf C$) for 24 h followed by untreated (MOCK) or treated with 50 nM TPA for 4 h ($\bf A$); 4 and 6 h for ZEB1 and MMP9, respectively ($\bf B$); or 12 h ($\bf C$). HCC340 were transfected with pcDNA3 vector or Snail expressing plasmid (p-Snail) for 36 h ($\bf D$) and ($\bf E$). RT-PCR ($\bf A$), ($\bf D$) and quantitative RT-PCR ($\bf B$), ($\bf E$) of Snail, MMP9 and ZEB1 and promoter assay of MMP9-950 ($\bf C$, upper panel) and ZEB1-1079 ($\bf C$, lower panel) were performed. In ($\bf A, \bf D$), the numbers below each figure are the ratios of relative mRNA based on RT-PCR of indicated transcriptional factor *vs* GAPDH, taking the data of MOCK ($\bf A$) and pcDNA3 ($\bf D$) as 1.0. The results are average of 3 reproducible experiments with C.V. of 7.5%. In ($\bf B$) and ($\bf E$), the relative mRNA was calculated based on real time RT-PCR, taking the data of MOCK ($\bf B$) and pcDNA3 ($\bf E$) as 1.0. In ($\bf C$), the relative dual luciferase activity of MMP9-950 or ZEB1-1079 was calculated, taking MOCK as 1.0. The data in ($\bf B$), is average of two representative experiment with C.V. of 12%. In ($\bf C$) and ($\bf E$), (****) represent the statistically significant difference (p < 0.005, N = 3), (p < 0.05, N = 3) between the indicated samples and the control GFP shRNA ($\bf C$) and pcDNA3 ($\bf E$) group.

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