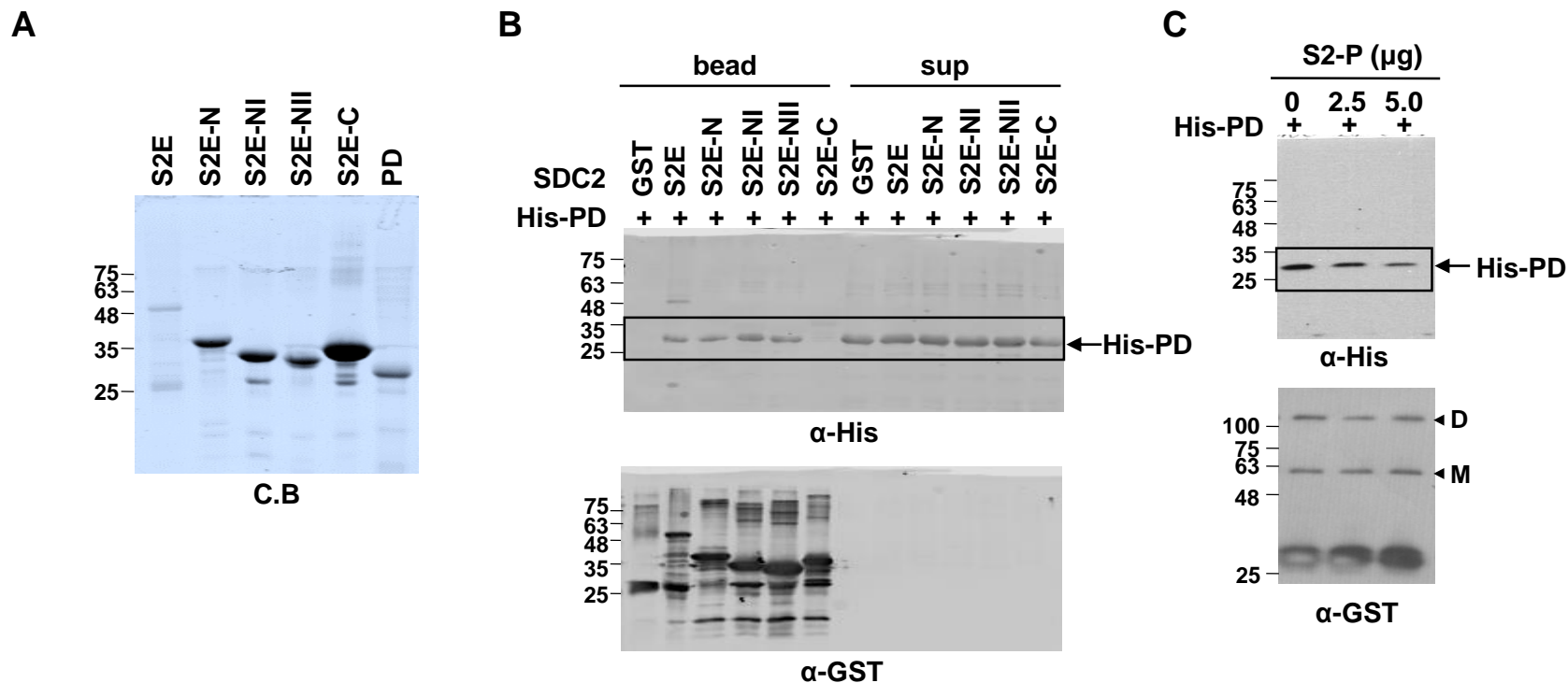


Tyrosine 51 residue of the syndecan-2 extracellular domain is involved in the interaction with and activation of pro-matrix metalloproteinase-7

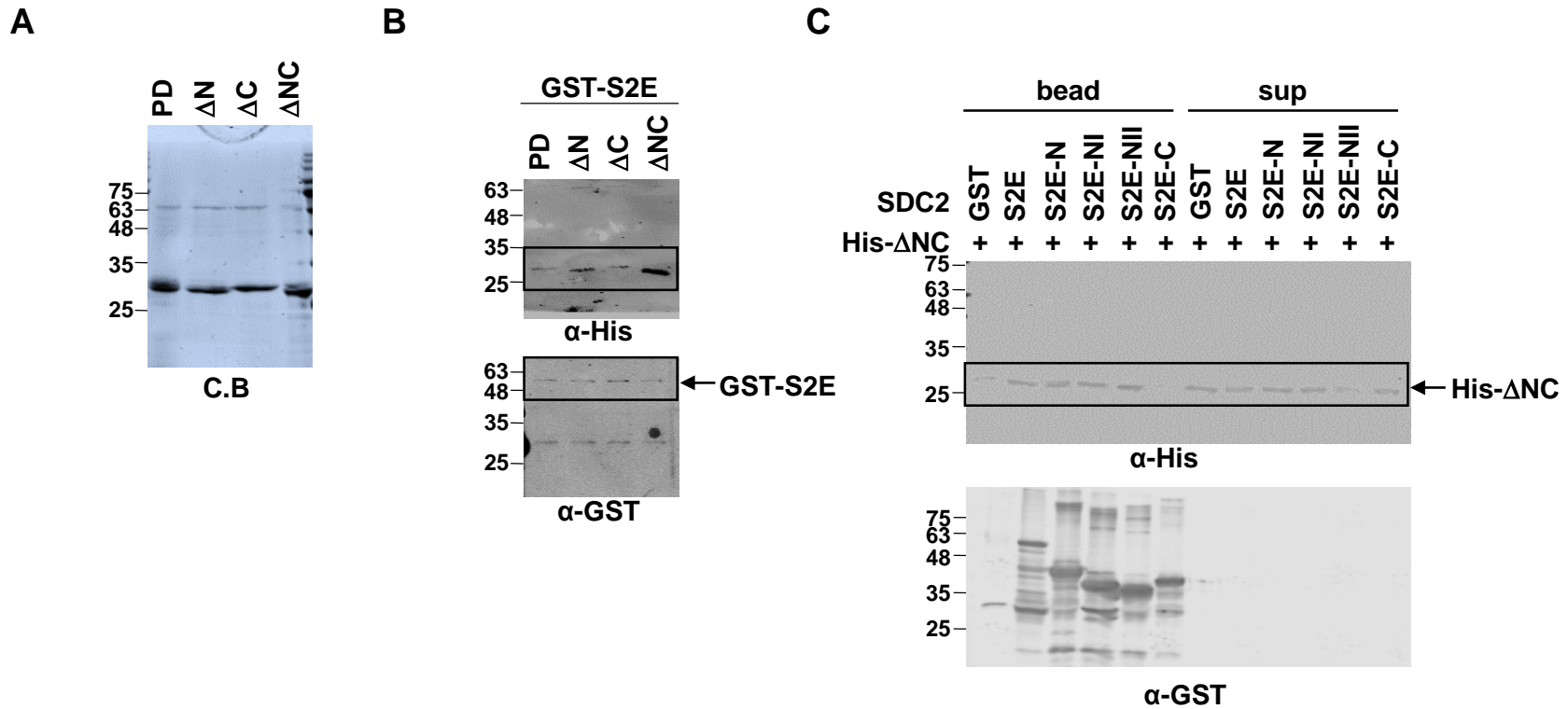
Bohee Jang^{1*}, Ji-Hye Yun^{2*}, Sojoong Choi¹, Jimin Park³, Dong Hae Shin³, Seung-Taek Lee², Weontae Lee^{2@}, Eok-Soo Oh^{1@}

Raw Data Figures



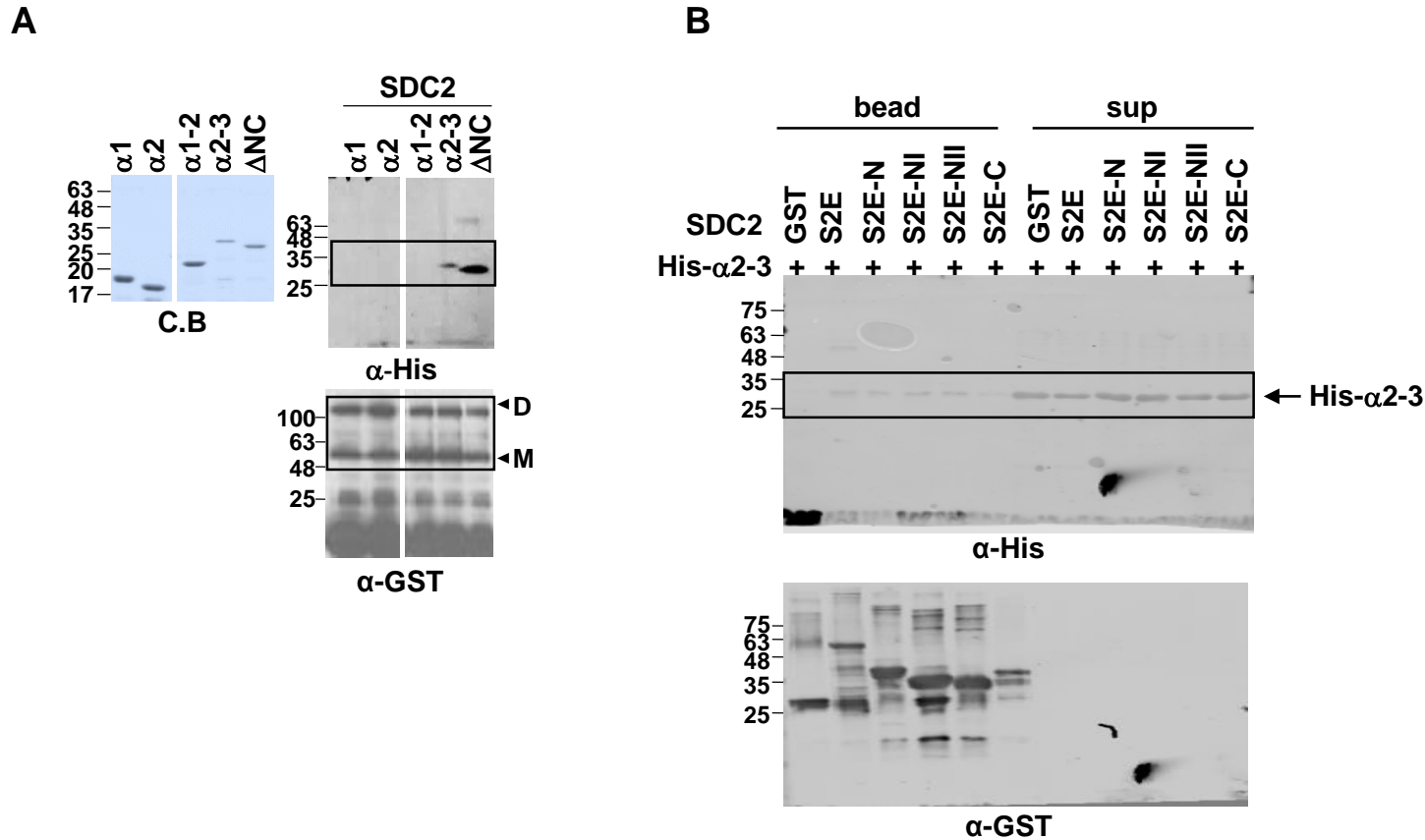
Supplementary Figure 1 : Full-length blots presented in Figure 1.

Raw data of (A) coomassie blue (C.B) stained gel with purified GST-SDC2 mutants and the His-tagged pro-domain of MMP-7. (B,C) Full length western-blot of His- (α -His) and GST-tag (α -GST). (shown as cropped images in Figure 1 A, B and C).



Supplementary Figure 2 : Full-length blots presented in Figure 2.

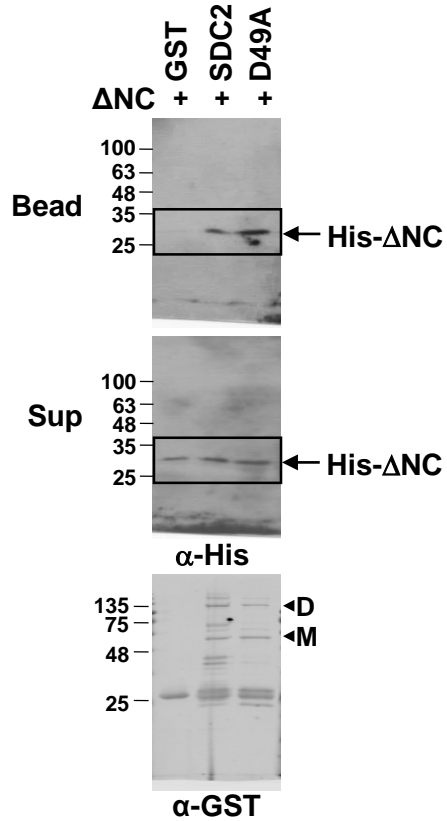
Raw data of (A) coomassie blue (C.B) stained gel with purified His-tagged pro-domain of MMP-7 mutants. (B,C) Full length western-blots of His- (α -His) and GST-tag (α -GST). (shown as cropped images in Figure 2 A, B and D).



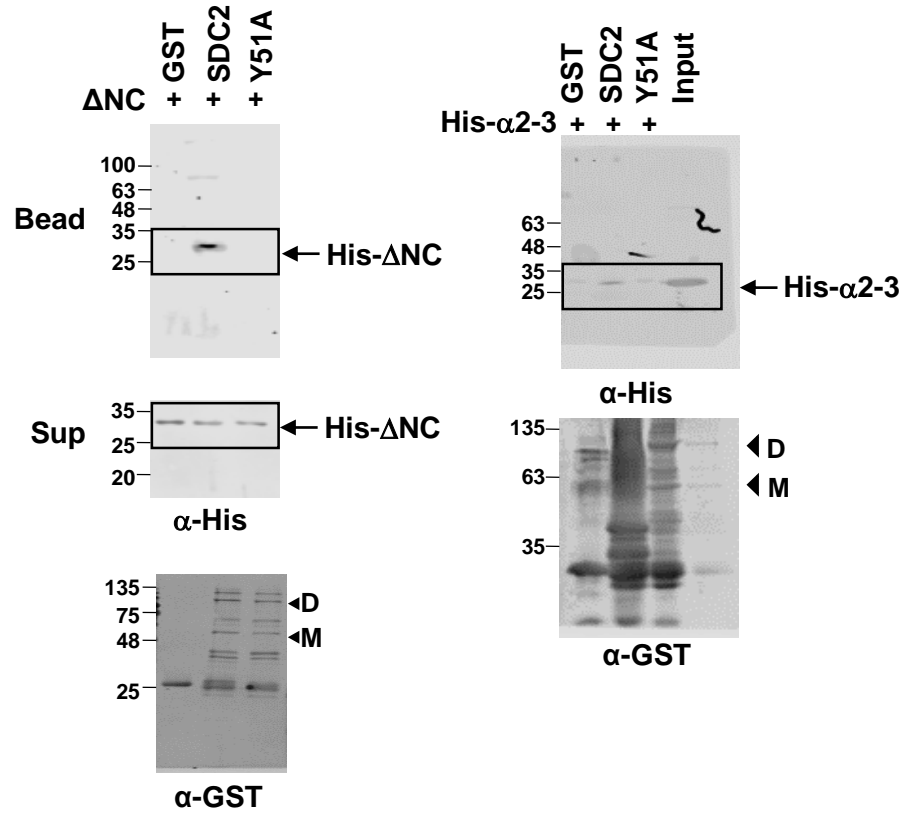
Supplementary Figure 3 : Full-length blots presented in Figure 4.

Raw data of (A) coomassie blue (C.B) stained gel with purified pro-domain of MMP-7 mutants (left panel). Full length of western-blots of His- (α -His) and GST-tag (α -GST, right panel). (B) Full length western-blots of His- (α -His) and GST-tag (α -GST). (shown as cropped images in Figure 4 A, B).

A

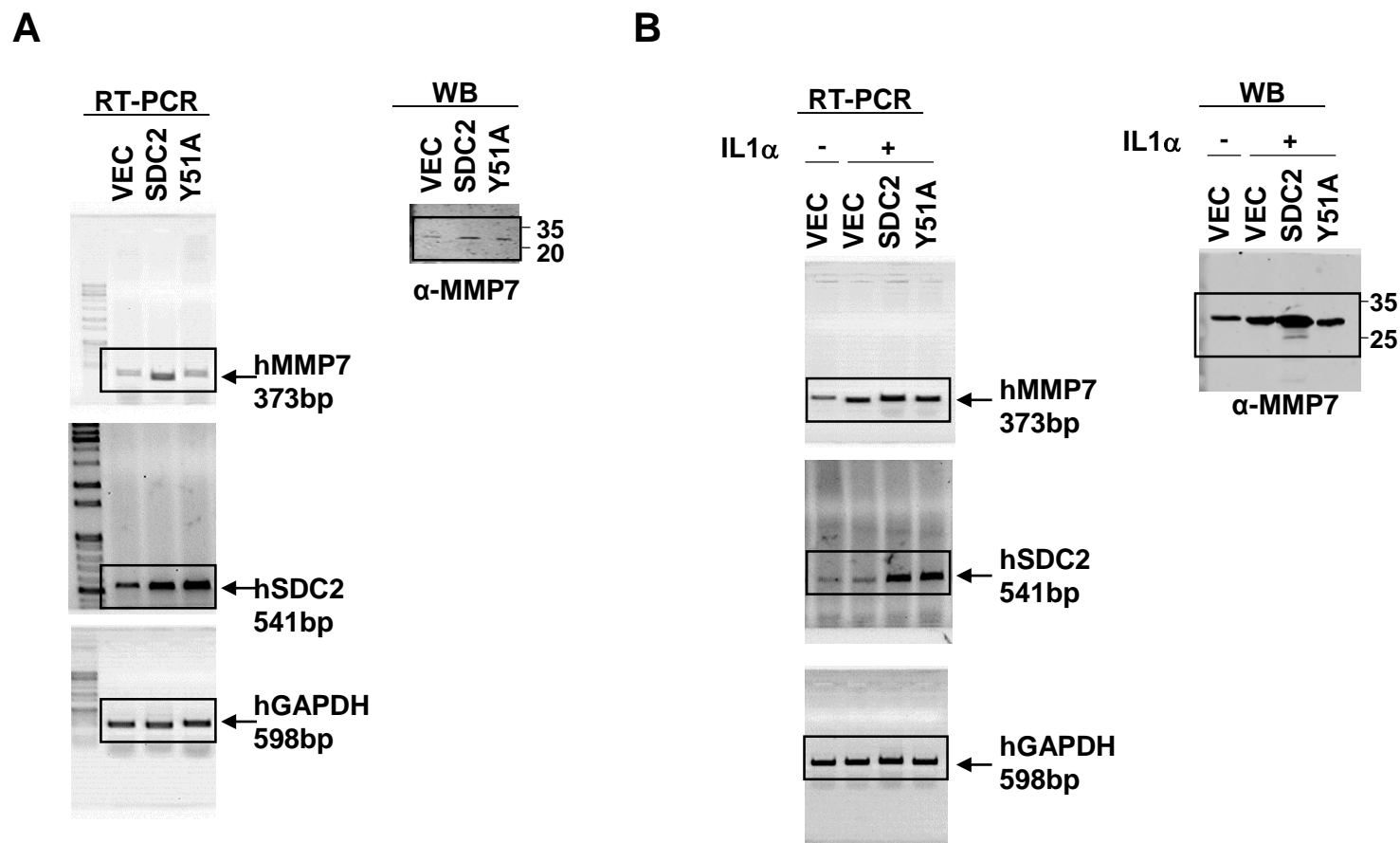


B



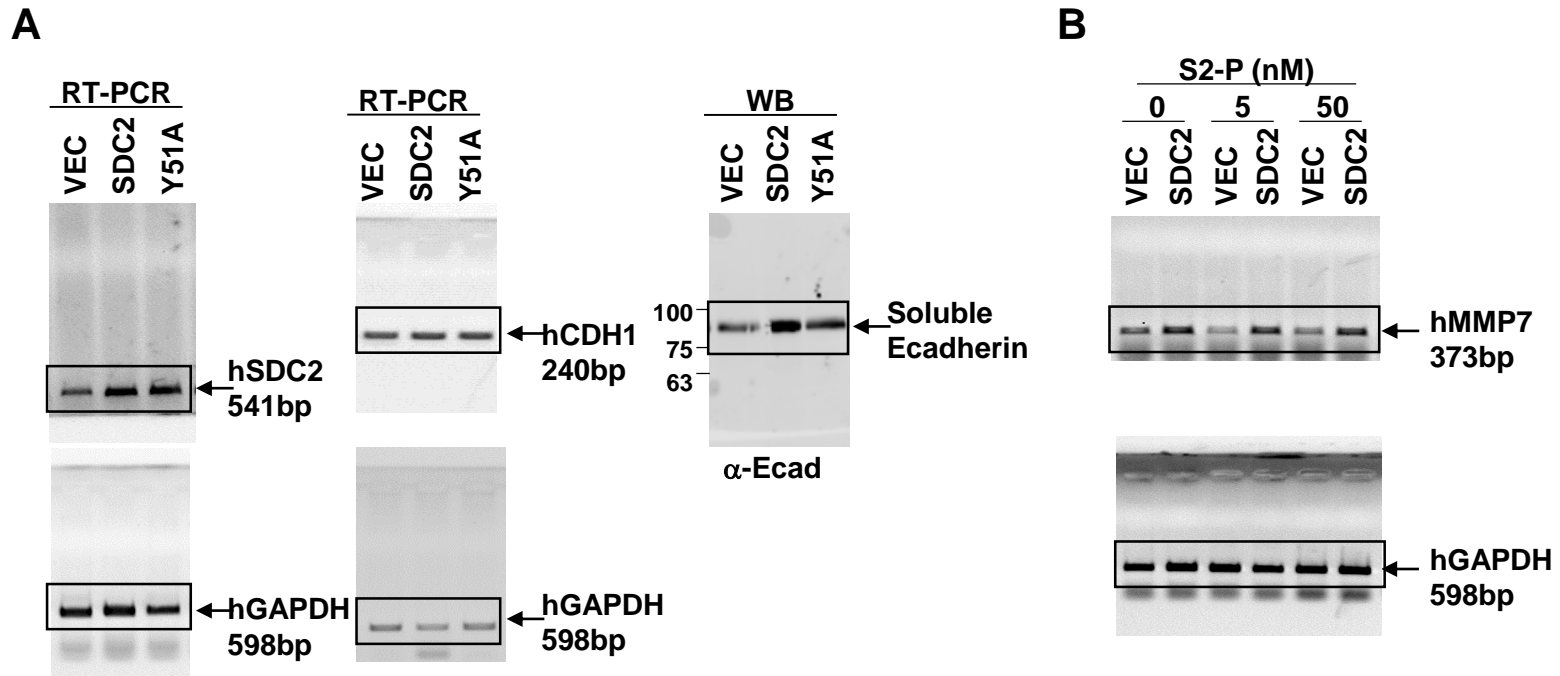
Supplementary Figure 4 : Full-length blots presented in Figure 5.

(A,B) Raw data of full length western-blot of His- (α -His) and GST-tag (α -GST). (shown as cropped images in Figure 5 A, B).



Supplementary Figure 5 : Full-length blots and gels presented in Figure 6.

(A, B) Raw data of full length of agarose gel used for analysis of PCR products (left panel) and full length western-blot of MMP-7 (right panel). (shown as cropped images in Figure 6 B, D).



Supplementary Figure 6 : Full-length blot and gels presented in Figure 7.

Raw data of (A) Full length of agarose gel used for analysis of PCR products (left panel) and full length western-blot of E-cadherin (right panel). (B) Full length of agarose gel used for analysis of PCR products. (shown as cropped images in Figure 7 A, E).