



Figure.S1. Knockdown of nc886 further increases the expression of MMP-9 and COX-2, which are increased by UVB. UVB irradiation (5mJ/cm²) was administered 24 h after transfection with 250 pmol of each anti-oligonucleotide. Each of the RNA samples was analyzed with quantitative real-time polymerase chain reaction (qRT-PCR) and the cell culture fluid was subjected to ELISA. Each of the factors (A) nc886, (B) MMP-9, (C) COX-2 was indicated by a fold change compared with the control. The mRNA level was normalized with the expression of 18S rRNA. The values of (D) MMP-9, (E) PGE₂, (F) IL-8, and (G) TNF- α were indicated by their absolute concentrations. * $P < 0.05$, # $P < 0.01$, compared with basal levels.