

Corrigendum

IKK and NF- κ B-mediated regulation of Claspin impacts on ATR checkpoint function

Niall Steven Kenneth, Sharon Mudie and Sonia Rocha

Correspondence to: s.rocha@dundee.ac.uk

The EMBO Journal (2012) 31, 2660–2661. doi:10.1038/emboj.2012.135

Correction to: *The EMBO Journal* (2010) 29, 2966–2978. doi:10.1038/emboj.2010.171

Since the publication of this paper, the authors have noticed an error in the Claspin blot in the left panel of Figure 3G. The conclusions drawn from this figure and from the paper remain unchanged. The correct figure is shown here.

The authors apologize for any inconvenience caused.

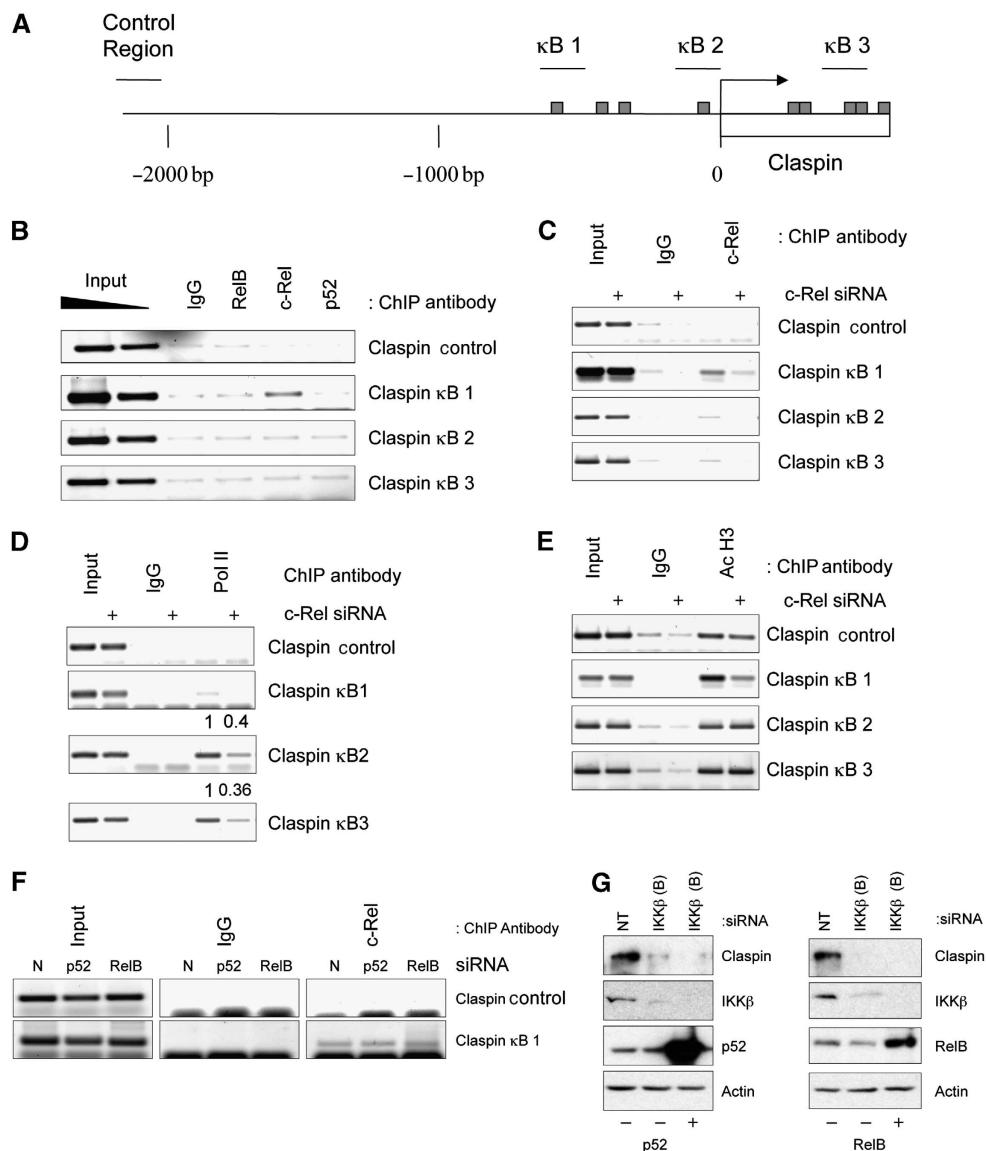


Figure 3 The Claspin gene promoter is directly regulated by c-Rel. **(A)** Schematic of the human Claspin gene promoter with putative NF- κ B sites represented as bars, and ChIP PCR primer sets represented as lines. **(B)** ChIP assays using Control IgG, RelB, c-Rel or p52 antibodies were performed on cell extracts from U2OS cells. Immunoprecipitated DNA was PCR amplified using the indicated primer pairs alongside 2% input genomic DNA. **(C)** ChIP assays using Control IgG and c-Rel antibodies were performed on cell extract from control or cells depleted of c-Rel. Immunoprecipitated DNA was amplified by PCR using the indicated primer pairs. **(D)** As in **(C)** but ChIP was performed using antibodies directed against RNA polymerase II. **(E)** As in **(C)** but ChIP was performed using antibodies directed against acetylated histone H3. Levels of RNA polymerase II recruitment to the κ B sites of the Claspin gene were quantified, normalized to inputs, and numbers indicate the difference between control and c-Rel-depleted samples. **(F)** ChIP assays using Control IgG and c-Rel antibodies were performed on cell extract from control or cells depleted of p52 or RelB. Immunoprecipitated DNA was amplified by PCR using the indicated primer pairs. **(G)** U2OS cells were co-transfected with a non-targeting siRNA or a siRNA to deplete IKK β , along with either a vector control or a p52 or RelB expression constructs, as indicated. WCLs were prepared and analysed by western blot using the indicated antibodies.