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Erratum

Transcriptional Regulation by Pol II(G) Involving Mediator and Competitive Interactions of Gdown1 and TFIIF with Pol II

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In the above article, there were several minor errors that are corrected as indicated below. None of these corrections change any of the results or conclusions of the paper.

(1) In Figure 1E, there was no label on the upper left for the antibody additions indicated in the top line. The corrected Figure 1E is now presented.

(2) In the legend for Figure 1, the descriptions for (D) and (E) should read as follows: (D) Inhibition of PIC assembly by Gdown1. An end-labeled Ad ML oligonucleotide (−40 to +20) probe was incubated with the indicated combinations of TBP (10 ng), TFIIB (10 ng), TFIIF (50 ng), bovine Pol II (50 ng), and Gdown1 (10–100 ng as indicated). All reactions contained PC4 (65 ng). Reactions were incubated at 30°C for 40 min and complexes were resolved by native PAGE. (E) Pol II(G)-promoter complex formation in the absence of TFIIF. EMSA was performed as described in (D) with the indicated combinations of TBP (10 ng), TFIIB (10 ng), TFIIF (50 ng), bovine Pol II (50 ng), Pol II(G) (50 ng), purified IgG (1 μg), and Gdown1 antibody (1 μg). All reactions contained PC4 (65 ng). A single asterisk denotes the upper band, and two asterisks denote the middle band discussed in the text. See also Figure S1.

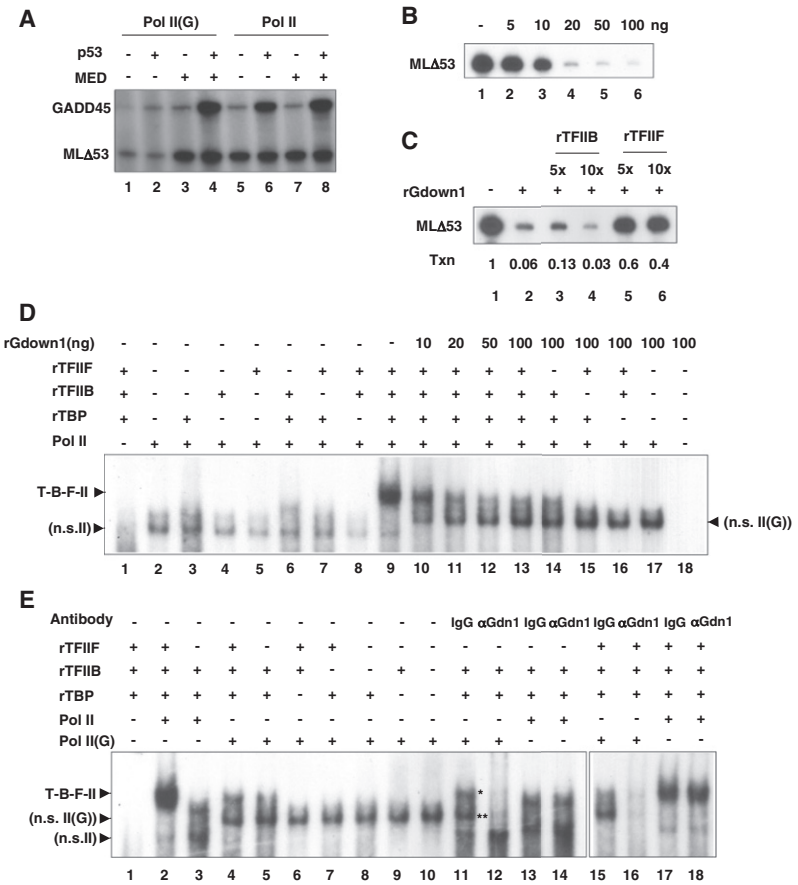

Figure 1. Gdown1 Competes with TFIIF for Binding to Pol II In Vitro

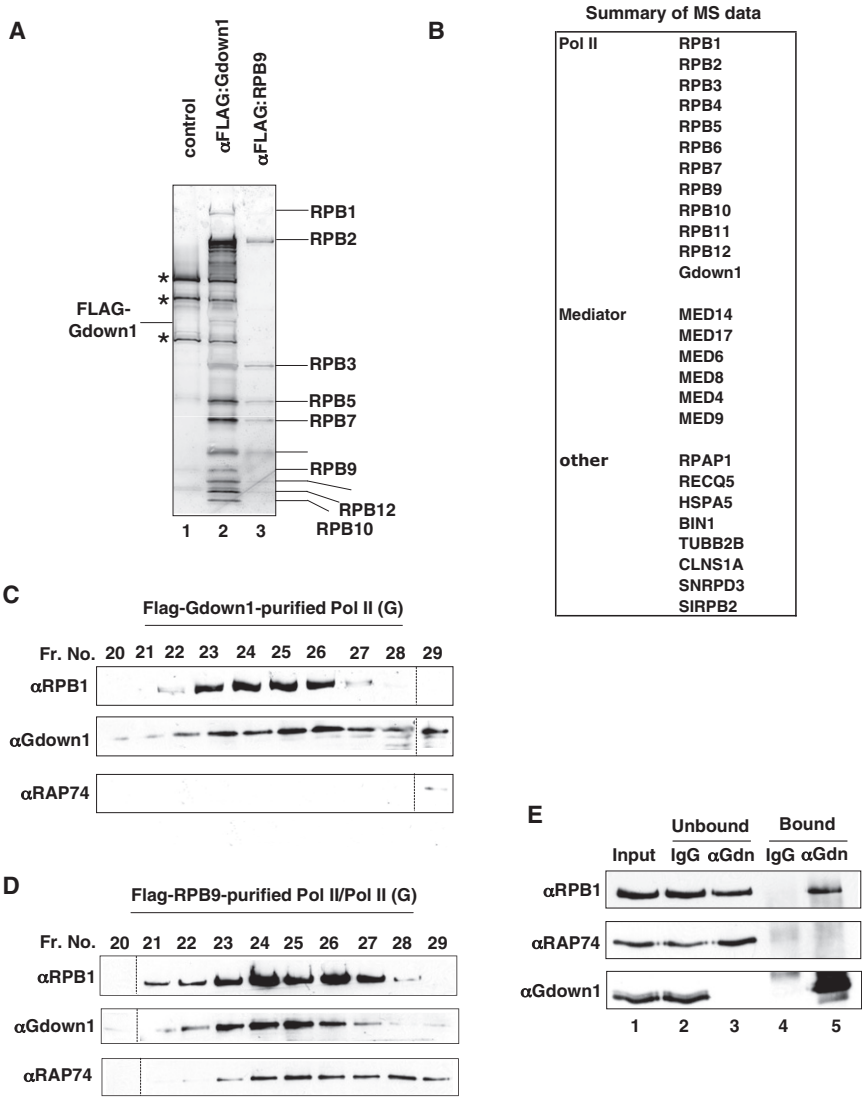

Figure 2. Analysis of Pol II Complexes

(3) In Figure 2, the images for all or part of the outer lanes 20 and 29 were missing in the upper and lower panels of (C), while images for the left edges of the outer lanes 20 were missing in all panels of (D). These have now been corrected in the revised Figures 2C and 2D presented here. Note that because all column fractions could not be analyzed on a single gel, the data in (C) are from separate (identically processed) gels with the junction between fractions 28 and 29 (dashed lines) and the data in (D) are from separate (identically processed) gels with the junction between fractions 20 and 21 (dashed lines). The conclusions from the corrected figures, containing all of the originally presented data, remain identical to those presented in the original manuscript.

(4) In Figure 2's legend, the description for (E) should read as so: (E) Pol II(G) does not interact with TFIIF. Fractions 23–26 in (D) were immunoprecipitated with rabbit IgG or anti-Gdown1 antibodies. The antibody-bound or unbound fractions were analyzed by immunoblot with indicated antibodies.