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Maintenance of RNA-DNA hybrid length in bacterial RNA polymerases.

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Multisubunit RNA polymerases melt only a single DNA base pair downstream of the active site.

Ekaterina Kashkina, Michael Anikin, Florian Brueckner, Elisabeth Lehmann, Sergey N. Kochetkov, William T. McAllister, Patrick Cramer, and Dmitry Temiakov

The work on this project gained substantial support from National Institutes of Health Grants R01GM74252 and R01GM74840 to Dr. Dmitry G. Vassylyev (D. G. V.). The present studies were planned and originally carried out as collaborative studies in the framework of these primarily structural consortium grants awarded to D. G. V. Therefore, the results of this work originated from and were based in part on structural studies of bacterial transcription machinery carried out in the D. G. V. lab. The group of D. G. V. provided not only financial but also essential intellectual contributions to this project through sharing unpublished structural data and analysis that guided the experimental design and facilitated interpretation of the results. Moreover, we understand that a successful National Institutes of Health R01 grant proposal obtained by the principal investigator through the highly competitive scientific peer-review process constitutes a major intellectual contribution to all the projects sponsored by the award; therefore, we now acknowledge that the collaborative results included in this work should have been published jointly with the D. G. V. group. As communicating author, Dmitry Temiakov recently offered an authorship on this article to D. G. V. to remedy this situation; however, D. G. V. declined this offer because he did not have an opportunity to read and suggest modifications to the manuscript before submission.

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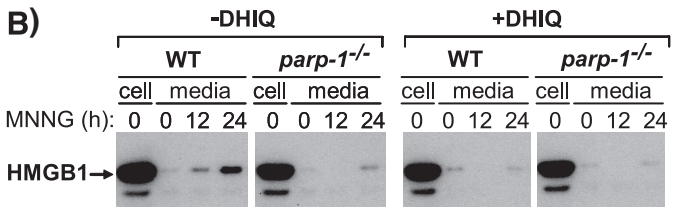
Activation of poly(ADP)-ribose polymerase (PARP-1) induces release of the pro-inflammatory mediator HMGB1 from the nucleus.

Dara Ditsworth, Wei-Xing Zong, and Craig B. Thompson

On page 17849 in Fig. 2*B*, the Western blot for HMGB1 release in the *−DHIQ parp-1$^{-/-}$ panel* was inadvertently duplicated in the *+DHIQ WT panel* during preparation of the final figure. The duplicated panel has been replaced with the correct photomicrograph, and the corrected figure is shown below. The correction does not affect the conclusions of the work.



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