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* You should state whether an appropriate sample size was computed when the study was being designed
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* If no explicit power analysis was used, you should describe how you decided what sample (replicate) size (number) to use

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Sample sizes were computed to ensure high standards of rigor and reproducibility associated with the data. Where possible, experiments were repeated to measure standard deviations. This information is included in the methods section.

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* You should report how often each experiment was performed
* You should include a definition of biological versus technical replication
* The data obtained should be provided and sufficient information should be provided to indicate the number of independent biological and/or technical replicates
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Information about replicates and statistical analysis is included in figure legends for ChIP measurements. Information about gels and co-immunoprecipitations is included in Methods. In general, each measurement was performed N≥2. This information is included in figure legends and in the methods section.

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* Statistical analysis methods should be described and justified
* Raw data should be presented in figures whenever informative to do so (typically when N per group is less than 10)
* For each experiment, you should identify the statistical tests used, exact values of N, definitions of center, methods of multiple test correction, and dispersion and precision measures (e.g., mean, median, SD, SEM, confidence intervals; and, for the major substantive results, a measure of effect size (e.g., Pearson's r, Cohen's d)
* Report exact p-values wherever possible alongside the summary statistics and 95% confidence intervals. These should be reported for all key questions and not only when the p-value is less than 0.05.

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* Indicate how samples were allocated into experimental groups (in the case of clinical studies, please specify allocation to treatment method); if randomization was used, please also state if restricted randomization was applied
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Not applicable

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* Where provided, these should be in the most useful format, and they can be uploaded as “Source data” files linked to a main figure or table
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All data generated or analysed during this study are included in the manuscript and supporting files.