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## Reporting Summary

Nature Research wishes to improve the reproducibility of the work that we publish. This form provides structure for consistency and transparency in reporting. For further information on Nature Research policies, see <u>Authors & Referees</u> and the <u>Editorial Policy Checklist</u>.

Statistics			
For all statistical analyses, confirm that the following items are present in the figure legend, table legend, main text, or Methods section.			
n/a Confirmed	/a Confirmed		
The exact sam	ple size $(n)$ for each experimental group/condition, given as a discrete number and unit of measurement		
A statement o	on whether measurements were taken from distinct samples or whether the same sample was measured repeatedly		
X	The statistical test(s) used AND whether they are one- or two-sided  Only common tests should be described solely by name; describe more complex techniques in the Methods section.		
A description of all covariates tested			
A description	🔀 🔲 A description of any assumptions or corrections, such as tests of normality and adjustment for multiple comparisons		
A full description of the statistical parameters including central tendency (e.g. means) or other basic estimates (e.g. regression coefficient)  AND variation (e.g. standard deviation) or associated estimates of uncertainty (e.g. confidence intervals)			
For null hypothesis testing, the test statistic (e.g. <i>F</i> , <i>t</i> , <i>r</i> ) with confidence intervals, effect sizes, degrees of freedom and <i>P</i> value noted Give <i>P</i> values as exact values whenever suitable.			
For Bayesian analysis, information on the choice of priors and Markov chain Monte Carlo settings			
For hierarchic	For hierarchical and complex designs, identification of the appropriate level for tests and full reporting of outcomes		
Estimates of effect sizes (e.g. Cohen's <i>d</i> , Pearson's <i>r</i> ), indicating how they were calculated			
ı	Our web collection on <u>statistics for biologists</u> contains articles on many of the points above.		
Software and code			
Policy information about availability of computer code			
Data collection	N/A		
Data analysis	Code used was as described in the text and referenced. Custom code is deposited at Zenodo http://doi.org/10.5281/zenodo.3610249		
For manuscripts utilizing custom algorithms or software that are central to the research but not yet described in published literature, software must be made available to editors/reviewers.  We strongly encourage code deposition in a community repository (e.g. GitHub). See the Nature Research guidelines for submitting code & software for further information.			
Data			
Policy information about availability of data  All manuscripts must include a data availability statement. This statement should provide the following information, where applicable:  - Accession codes, unique identifiers, or web links for publicly available datasets  - A list of figures that have associated raw data  - A description of any restrictions on data availability			
The sequence data has been deposited at ENA with the accession numbers ERS3781043, ERS3781044, ERS3781045, ERS3886435 and ERS3781046. Alternatively, the sequence data can be accessed from Zenodo: http://doi.org/10.5281/zenodo.3610257			

Field-spe	ecific reporting			
Please select the o	ne below that is the best fit for your research. If you are not sure, read the appropriate sections before making your selection.			
\times Life sciences	Behavioural & social sciences Ecological, evolutionary & environmental sciences			
For a reference copy of	the document with all sections, see <a href="mailto:nature.com/documents/nr-reporting-summary-flat.pdf">nature.com/documents/nr-reporting-summary-flat.pdf</a>			
Life scier	nces study design			
All studies must disclose on these points even when the disclosure is negative.				
Sample size	No sample size calculation			
Data exclusions	None			
Replication	This is a cell culture time course with one sample at each time point			
Randomization	This is a cell culture time course with one sample at each time point and so this is not relevant			
Blinding	This is a cell culture time course with one sample at each time point and so this is not relevant			
Reporting for specific materials, systems and methods				
<del></del>	on from authors about some types of materials, experimental systems and methods used in many studies. Here, indicate whether each material,			
	ted is relevant to your study. If you are not sure if a list item applies to your research, read the appropriate section before selecting a response.			
Materials & experimental systems Methods				
n/a Involved in th	ne study n/a   Involved in the study			
Antibodies	ChIP-seq			
Eukaryotic				
Palaeontol				
Animals and other organisms				
Human research participants				
Clinical dat				