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Reporting Summary

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Statistics						
For all statistical analys	es, confirm that the following items are present in the figure legend, table legend, main text, or Methods section.					
n/a Confirmed						
☐ ☐ The exact sam	nple size (n) for each experimental group/condition, given as a discrete number and unit of measurement					
A statement of	on whether measurements were taken from distinct samples or whether the same sample was measured repeatedly					
The statistical Only common to	test(s) used AND whether they are one- or two-sided ests should be described solely by name; describe more complex techniques in the Methods section.					
A description	A description of all covariates tested					
A description	of any assumptions or corrections, such as tests of normality and adjustment for multiple comparisons					
A full descript AND variation	ion of the statistical parameters including central tendency (e.g. means) or other basic estimates (e.g. regression coefficient) (e.g. standard deviation) or associated estimates of uncertainty (e.g. confidence intervals)					
For null hypot	thesis testing, the test statistic (e.g. F , t , r) with confidence intervals, effect sizes, degrees of freedom and P value noted sexact values whenever suitable.					
For Bayesian a	analysis, information on the choice of priors and Markov chain Monte Carlo settings					
For hierarchic	al and complex designs, identification of the appropriate level for tests and full reporting of outcomes					
Estimates of e	effect sizes (e.g. Cohen's d, Pearson's r), indicating how they were calculated					
1	Our web collection on <u>statistics for biologists</u> contains articles on many of the points above.					
Software and o	code					
Policy information abo	ut <u>availability of computer code</u>					
Data collection	Provided in page 12					
Data analysis	Provided in page 12					
	om algorithms or software that are central to the research but not yet described in published literature, software must be made available to editors/reviewers. deposition in a community repository (e.g. GitHub). See the Nature Research guidelines for submitting code & software for further information.					
Data						
- Accession codes, un - A list of figures that	ut <u>availability of data</u> include a <u>data availability statement</u> . This statement should provide the following information, where applicable: ique identifiers, or web links for publicly available datasets have associated raw data restrictions on data availability					
Description provided in p	age 12					
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All studies must dis	sclose on these	e points even when the disclosure is negative.				
Sample size	Provided in page 12					
Data exclusions	Not applicable					
Replication	Provided in pa	ge 12				
Randomization	Not applicable	le				
Blinding	Not applicable					
Reportin	g for s	pecific materials, systems and methods				
We require informati	on from authors	s about some types of materials, experimental systems and methods used in many studies. Here, indicate whether each material, by your study. If you are not sure if a list item applies to your research, read the appropriate section before selecting a response.	-			
Materials & ex	perimental :	systems Methods				
n/a Involved in th		n/a Involved in the study				
Antibodies		ChIP-seq				
Eukaryotic		Flow cytometry				
Palaeontol	ogy id other organisi	MRI-based neuroimaging				
	search participar					
Clinical dat						
Antibodies						
Antibodies used	P	Provided in page 10.				
Validation Provided in		Provided in page 10.				
- 1	11.15					
Eukaryotic c			_			
Policy information						
Cell line source(s)	Provided in page 10.				
Authentication		Provided in page 10.				
Mycoplasma con	tamination	Provided in page 10.				
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Animals and	other or	ganisms				
		involving animals; ARRIVE guidelines recommended for reporting animal research				
Laboratory anima	als P	Provided in page 11.				
Wild animals	(Not applicable				
Field-collected sa	amples N	Not applicable				
Ethics oversight	P	Provided in page 11.				

Note that full information on the approval of the study protocol must also be provided in the manuscript.