## nature research

Corresponding author(s):

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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 our <u>Editorial Policies</u> and the <u>Editorial Policy Checklist</u>.

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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

Provide your data availability statement here.

Field-spe	cific re	porting				
Please select the on	e below that is	the best fit for your research. If you are not sure, read the appropriate sections before making your selection.				
☐ Behavioural & social sciences ☐ Ecological, evolutionary & environmental sciences						
For a reference copy of th	ne document with a	all sections, see <u>nature.com/documents/nr-reporting-summary-flat.pdf</u>				
Life scien	ices stu	udy design				
All studies must disc	All studies must disclose on these points even when the disclosure is negative.					
Sample size	We used a sample size of 3 independent experiments for both biochemical and cell-based experiments.					
Data exclusions	N/A					
Replication	3 independent experiments were performed and the standard deviation (biochemistry) or standard error of the mean (cell biology) was calculated.					
Randomization	N/A					
Blinding	N/A					
We require informatic system or method lists  Materials & exp.  n/a Involved in the  Antibodies  Eukaryotic of  Animals and Human rese	perimental sy perimental sy pe	n/a Involved in the study  ChIP-seq  Flow cytometry  MRI-based neuroimaging  SS				
Antibodies used	Antibody information is included in Supplementary Table 3.					
Validation						
Eukaryotic ce	ell lines					
Policy information about <u>cell lines</u>						
Cell line source(s)		2OS cells were purchased from ATCC.				
Authentication	Authentication This is a commercial cell line and was not authenticated.					
Mycoplasma contamination		The cell line was not tested for mycoplasma because it was purchased recently from a commercial source (ATCC).				

Commonly misidentified lines (See <u>ICLAC</u> register)

N/A