

	Yes	N/A
TITLE	X	
No more than 15 words	X	
Does not contain punctuation		
AUTHORS		
Full postal address for all authors is provided	X	
One e-mail address for correspondence is provided	X	
Maximum of three equally contributing authors (further contributions can be		
outlined in the author contribution statement)	X	
ABSTRACT		
No more than 150 words	~	
Does not contain references	Ŷ	
Results of the current study are written in present tense	$\frac{\dot{\gamma}}{\chi}$	
Starts with short description of background (2-3 sentences)	$\frac{\hat{\lambda}}{\lambda}$	
Continues with presentation of the major results ('Here we show' or similar)	~	
Ends with a description of the paper's conclusion	\Rightarrow	
Endo with a dooshphon of the paper o contradict	_^	
MAIN TEXT		
No more than 5000 words in total (Introduction, Results, Discussion)	X	
Section order is: Title, Abstract, Introduction, Results, Discussion, Methods,		
References, End Notes, Figure legends, Tables	X	
Main text is provided as a Word or Tex document	X	
Abbreviations are defined at first use	X	
Genes and genotypes are italicized	X	
Mathematics: Scalar variables and constants should be italic, vectors should be		
bold without italics, subscripts and superscripts are displayed in non-italic font		V
unless they are variables. Unit dimensions should be expressed using negative		^
integers (e.g. kg m ⁻¹ s ⁻² not kg/ms ²) or the word 'per'		
Introduction		ļ
Less than 1000 words	V	
Contains no subheadings	-	
Introduces the background and rationale for work	2	
The last paragraph contains a brief summary of both the results and the		45.0
conclusions (written in present tense)	X	TANK.
Contains no reference to display items (unless overview figures are presented)	X	M.
Results		
Divided by subheadings less than 60 characters (incl spaces) that do not		
contain punctuation	X	
All data are shown either in the main text or the Supplementary Information	X	
If personal communication from another laboratory is cited, written permission is	- \	×
provided Reference to Supplementary items format is (Supplementary Fig. 1),		
reference to supplementary items format is (supplementary Fig. 1),		
(Supplementary Table 1), (Supplementary Note 1), (Supplementary Data 1),	X	



	Yes	N/A
Discussion		
Does not contains subheadings	X	
Does not contain overlap with Results section	X	
METHODS		
No more than 3000 words	X	
Methods are contained within main paper wherever possible	X	
Divided by subheadings less than 60 characters (incl spaces) that do not		
contain punctuation	,X	
Contain sufficient detail to repeat experiments (avoid 'as previously described')	X	
For experiments involving live vertebrates and higher invertebrates, a statement		
of compliance with ethical regulations is provided and the committee approving the experiments is identified	X	
Species, strain, sex and age of animals used is reported. We recommend following the ARRIVE reporting guidelines when documenting animal studies	X	
For experiments involving human subjects, a statement confirming that informed consent was obtained from all subjects must be provided and the committee approving the study protocol identified	X	
A statement describing how the sample size was chosen is provided	X	
A statement outlining sample exclusion criteria is provided	X	
Randomization and/or blinding strategy is described	X	
New species name has been deposited in Zoobank and LSIDs are provided		X
Taxonomic description for new species has been provided		X
Microarray data are in MIAME format and accession numbers are provided		X
Primer sequences are provided	X	
Small RNA sequences are provided		X
Antibody sources and dilutions are listed	X	
Source of cell lines is identified	X	
REFERENCES		
No more than 70	X	
Numbered in the order they appear in the text, tables, figures and boxes	X	
Formatted in Nature Communications style: 'Authors, Title, Journal, Volume,	X	
First-last page or article number, (year)	^	
References to web-only journals include: 'Authors, Title, Journal, url/doi and year of publication'		X
References to websites include: 'Authors (if known), Title of page, url and year of publication'		X
References to preprint servers should be formatted as 'Authors. Preprint title.		
Preprint at http://arxiv.org/abs/ YYMM.NNNN (Year)'		\times
Contains only published work or work in press (including doi)	X	
Does not contain footnotes	X	- 33



	Yes	N/A
END NOTES	*	
Acknowledgements are brief	X	
Author contributions statement is provided	X	
Conflict of interest statement is provided	×	
Accession codes of newly sequenced genes, coordinates of novel protein		X
structures and/or datasets are included and repository defined		
New chemical structures have been deposited in CCDC and accession codes		V
are provided	-	$\overline{}$
LEGENDS		
Contain a brief title	\times	
No more than 350 words each	×	
Every panel is described	X	
Length of scale bars is defined	X	
Definitions for new abbreviations / symbols / colours is provided	X	
The exact sample size (n) for each experimental group/condition is given	X	
A statement of how many times the experiment was replicated is provided	X	
The name of the statistical test used is provided	X	
The statistical test results is provided (e.g. P-values)	X	
Error bars are defined as s.d. or s.e.m.	X	
Fit curves to data points are described	X	
DISPLAY ITEMS		
No more than 10 total	X	100
Fit within a column/page (including legend)	1	-141
Numbered in the order they appear in the main text	X	
Scalar variables and constants are in italics, vectors are in bold (incl. subscripts		
and superscripts).		
Unit dimensions are expressed using negative integers (e.g. kg m ⁻¹ s ⁻² not		X
kg/ms ²) or the word 'per'.	-	
Figures		
Figures do not contain tables	X	500
Figure panels are arranged into a rectangular shape	X	
Each panel is labelled with a single letter	X	
Panels are not subdivided	X	
Figure width is either 1 column (85mm) or two columns (180mm)		
Scale bars are included (but not labelled within the figure)	X	
Blots and gels contain molecular weight or size markers	X	
Axes are labelled, including units	X	
Stereo figures sufficient width apart (equivalent points separated by 5.5cm)		X
If possible, avoid the use of red and green in figures to avoid confusion for	~	
colour-blind readers (magenta and turquoise are alternatives)	×	
Tables	+	
Include a title (no punctuation)	X	
Tables are editable (not embedded as a picture in the document)	X	
If table legend is required, it is displayed underneath the table		



	Yes	N/A
SUPPLEMENTARY INFORMATION		
Provided as a single Word file (except for Movies, Audio and Data)		X
Supplementary files are less than 30 MB	X	
Supplementary items are labelled and sections are displayed in the order: , Supplementary Figure 1 / Supplementary Table 1 / Supplementary Note 1 / Supplementary Discussion / Supplementary Methods / Supplementary References	X	
Supplementary Equations are numbered 1, 2,	X	
Each Supplementary item is cited in the main text and in the correct order	×	
Figure legends are displayed underneath each figure; ideally, each display item and its corresponding legend fit on one page	X	
Format of the legends is the same as in the main manuscript (please see section above)	X	
Movie legends are provided in the cover letter		X
Supplementary References are numbered sequentially from 1 and are self- contained (they do not refer to the list of References in the main paper; any such papers is duplicated in the list of Supplementary References)	X	
Where portions of blots and gels have been presented in the main paper, the full blot or gel are included in the Supplementary Information	X	
Supplementary Information does not contain essential display items (these should be displayed in the main text)	X	
Supplementary Information does not contain Results	X	
Supplementary Data files contain titles	X	
NMR standard table for structural refinement statistics has been used (http://www.nature.com/ncb/pdf/nsmb_tables_nmr_f.pdf)		X
X-ray standard table for structural refinement statistics has been used (please see http://www.nature.com/ncb/pdf/nsmb tables xray f.pdf)		X
Stereo image of a portion of the electron density map (X-ray structures) or of the superimposed lowest energy structures (>10; NMR papers) is provided		X
Chemical structures are drawn using a Nature Chemistry Chemdraw template (please see http://www.nature.com/nchem/authors/submit/nchemstyleguide.pdf)		X
Full chemical characterization (including ¹ H NMR, ¹³ C NMR and mass spectrometry data) is provided for novel small molecules		X