

Manuscript nun	ber
Authorname	Maria Spiropulu
Article type	Letter

017 02 02000

Manuscript checklist

The following checklist is intended to aid the publication of your manuscript. Please read through the list carefully and amend your manuscript as appropriate. To avoid delays in the production process, please complete and return this sheet with the final version of your manuscript.

TEXT

Nature will edit text to conform to house style and for clarity and accessibility. Please check the following points when preparing the final version of your manuscript.

Letters to Nature

	Title no longer than 90 characters (including spaces)	
	First paragraph referenced and no longer than 300 words	
	No subheadings in main text	
	Online-only Methods provided as part of the main text file?	
	As a guideline, up to 30 references	
Articles		
	Title no longer than 75 characters (including spaces)	
	First paragraph unreferenced and no longer than 150 words	
	No more than 6 main subheadings of up to 40 characters (including	

As a guideline, up to 50 references

~	manuscripts (ii applicable)
✓	Abbreviations and symbols defined on first use
	Italic font used for variables, genes and non-English languages;
	bold font for vectors
	Equations and special characters in Word in 'normal text' or Symbol
	font (Word Equation Editor avoided where possible)

Online-only Methods provided as part of the main text file?

- ✓ Brief title provided for each figure, table and box
 ✓ Figure legends no more than 100 words each (300 words each for contributions without methods sections)
- Legends for Extended Data Figures included in the main text file after the online-only Methods
- Author contribution statement included (a statement of responsibility that specifies the contribution of every author; see http://www.nature.com/authors/editorial_policies/authorship.html)
- Declaration and listing of any competing interests included in manuscript in the Author Information section (http://www.nature.com/authors/ editorial_policies/competing.html)

editoriai_policies/competing.ntml)
Database accession numbers included for sequences determined
Structure data in <i>Nature</i> standard tables

FOR TEX USERS

Word or rtf formats are preferred. Such formats enable on-screen subediting and the preparation of a 'pre-proof', when the editing can be checked before formal page proofs are prepared. If you have prepared your paper using TeX/LaTeX, please convert to PDF format and upload the PDF file in addition to the single .tex file at submission. We will convert the .tex file to Word and require the PDF for cross-reference purposes in case anything is unclear.

All textual material of the paper (including references, tables, figure captions, online methods, etc.) should be in electronic form, as a single .tex file.

Contact our subeditors at authors@nature.com for further help and advice on preparing text for publication.

ARTWORK — PRINT-ONLY FIGURES

Nature will edit figures to conform to house style and for clear reproduction in print. Standard figure sizes are 89 mm wide (single column) and 183 mm wide (double column); figures can also be a column-and-a-half width where necessary (120–136 mm). Please check the following points when preparing your figures.

Electronic figure formats

Ш	Preferred file formats for line (or vector) artwork and graphs are
	unflattened EPS, postscript, PDF and Illustrator (AI) files
	Preferred file formats for photographic images are TIFF and
	Photoshop (minimum resolution 300 dpi). If you have created images
	with separate components on different layers, please send us the
	Photoshop file (.psd) with the layers intact
✓	For detailed guidelines and a full list of acceptable electronic formats,
	see http://www.nature.com/nature/authors/gta/3c_Final_artwork.pd

When preparing and sending figures				
	Text in an editable format and in sans serif font (Helvetica, Arial) Text and lines clearly visible when figure is sized for page: type			
	size 6–8 point; lines preferably 0.5 point (0.18 mm) Colour artwork supplied in RGB (recommended) or CMYK formats Suggestions for cover artwork submitted, if desired Licence/permission obtained for any republished or redrawn illustrations N/A			

Email our art editors at art@nature.com for further help and advice.

ARTWORK — EXTENDED DATA DISPLAY ITEMS

□ Nature does not edit these figures. Please ensure that you have followed our guidelines as closely as possible before submission (see http://www.nature.com/nature/authors/gta/3h_Extended_data.pdf).

All Extended Data files supplied as 300 ppi images, saved as EPS, JPEG or TIFF file formats only, with colour images in RGB (recommended) or CMYK formats, and with each display item not more than 10 MB.

SUPPLEMENTARY INFORMATION

Nature does not edit online-only material. Please check the following points when preparing Supplementary Information:

- ☐ Discrete items of the Supplementary Information (for example, videos) referred to at an appropriate point in the printed text
- Separate text file ('SI Guide') provided with a brief description (file format and content, video legends) of each item
- ✓ We recommend that all Supplementary Information is supplied as a single PDF file, where possible.
- ✓ File size within the permitted limits for Supplementary Information.

 $See \ http://www.nature.com/nature/authors/submissions/final/suppinfo.html for advice on preparing Supplementary Information.$

E-mail authors@nature.com if you have additional queries.