

# Current Genetics

Lower Eukaryotes and Organelles

## Instructions for authors

### 1 Legal requirements

The author(s) guarantee(s) that the manuscript will not be published elsewhere in any language without the consent of the copyright holders, that the rights of third parties will not be violated, and that the publisher will not be held legally responsible should there be any claims for compensation.

Authors wishing to include figures or text passages that have already been published elsewhere are required to obtain permission from the copyright holder(s) and to include evidence that such permission has been granted when submitting their papers. Any material received without such evidence will be assumed to originate from the authors.

The "Copyright Transfer Statement" must accompany manuscripts. The form is regularly published in this journal or can be obtained from <http://link.springer.de/link/service/journals/00294/transfer.htm>

New nucleotide data must be submitted and deposited in the **DDBJ/EMBL/GenBank** databases and an accession number obtained before the paper can be accepted for publication. Submission to any one of the three collaborating databanks is sufficient to ensure data entry in all. The accession number should be included in the manuscript e.g. as a footnote on the title page: 'Note: Nucleotide sequence data reported are available in the **DDBJ/EMBL/GenBank** databases under the accession numbers(s)——'. If requested the database will withhold release of data until publication. The most convenient method for submitting sequence data is by World Wide Web:

EMBL via Webin: <http://www.ebi.ac.uk/embl/Submission/webin.html>;

GenBank via Bankit: <http://www.ncbi.nlm.nih.gov/Bankit/>;

DDBJ via Sakura: <http://sakura.ddbj.nig.ac.jp/>

Alternatively, the stand-alone submission tool 'Sequin' is available from the EBI at <http://www3.ebi.ac.uk/Services/Sequin> and from NCBI at <http://www.ncbi.nlm.nih.gov/Sequin/>

For special types of submissions (e.g. genomes, bulk submissions etc) additional submission systems are available from the above sites.

### Database Contact Information

#### EMBL:

EMBL Nucleotide Sequence Submissions  
European Bioinformatics Institute,  
Wellcome Trust Genome Campus, Hinxton,  
Cambridge CB10 1SD U.K.;  
Tel.: +44-1223-494400; Fax: +44-1223-494472;  
e-mail: [datasubs@ebi.ac.uk](mailto:datasubs@ebi.ac.uk)  
WWW URL: <http://www.ebi.ac.uk>

#### GenBank:

National Center for Biotechnology Information,  
National Library of Medicine,  
Bldg. 38A, Rm 8N-803,  
Bethesda, MD 20894, USA  
Tel.: +1-301-4962475; Fax: +1-301-4809241  
e-mail: [info@ncbi.nlm.nih.gov](mailto:info@ncbi.nlm.nih.gov)  
WWW URL: <http://www.ncbi.nlm.nih.gov>

#### DDBJ:

Center for Information Biology and  
DNA Data Bank of Japan  
National Institute of Genetics,  
111 Yata, Mishima, Shizuoka 411-8540, Japan;  
Tel.: +81-559-816853; Fax: +81-559-816849;  
e-mail: [ddbj@ddbj.nig.ac.jp](mailto:ddbj@ddbj.nig.ac.jp)  
WWW URL: <http://www.ddbj.nig.ac.jp>

### 2 Categories of articles

*Current Genetics* publishes research articles describing novel findings. Research articles are usually between 3 and 12 printed pages and manuscripts undergo rigorous and rapid peer review. In addition, *Current Genetics* publishes review articles, which may be comprehensive (about 10–20 printed pages) or more focussed (about 5 printed pages). Review articles are peer reviewed and usually solicited, but suggestions from authors are encouraged. Reports on new methods are peer reviewed and published as technical notes.

### 3 Manuscript submission

*Manuscripts should be submitted electronically at* <http://currentgenetics.manuscriptcentral.com>.

*Conventional paper submission is also welcome, but online submission is strongly recommended since it expedites the decision-making process (usually 2–4 weeks).*

#### Electronic online submission

1. Prepare your manuscript according to the Technical instructions for manuscripts and illustrations in electronic form.
2. Go to <http://currentgenetics.manuscriptcentral.com> and log on using your user ID and password. If you are a first-time user, click on "register now" and open a new account. If you have forgotten your user ID and/or password, click on "check for existing account" or contact the Editorial Office. You will then receive your access information by e-mail.
3. Go to the "Author Center" and follow the instructions on screen. Upload all manuscript files –text and figures – separately. (You may also upload your manuscript as a single PDF file, but providing separate files for the text and the figures will allow much shorter production times after acceptance of your manuscript).
4. Make sure that you indicate clearly whether you wish to receive proofs of your contribution or not (see "Express Publication" for details).
5. The peer-review process will be co-ordinated by the Associated Editor responsible for your manuscript.
6. The Editorial Office will acknowledge receipt of your submission by e-mail and contact you as soon as a decision has been made concerning your manuscript. Should a revision be necessary, you will be instructed accordingly.

#### Conventional paper submission

1. Submit five copies of the manuscript plus a diskette (or CD or ZIP) together with files of the complete version of the manuscript to the Editorial Office. It is required that you provide the e-mail address of the corresponding author. Indicate clearly whether you wish to receive proofs of your contribution or not (see "Express Publication").
2. The Editorial Office will acknowledge receipt of your submission by e-mail and contact you as soon as a decision has been made concerning your manuscript. Should a revision be necessary, you will be instructed accordingly.
3. Three copies of the revised version of the manuscript must be sent to the Editorial Office.
4. When your manuscript has been accepted you will be asked to send a final electronic version of the manuscript including figures and tables to the Editorial Office (see details under "electronic submission of final version"), together with the Copyright Transfer Statement.

**Note:** Irrespective of the method you choose to submit your manuscript, it is imperative that you provide the e-mail address of the corresponding author. All correspondence between authors, editors, the Editorial Office and the production department is via e-mail.

### 4 Express publication

Our "Express publication" option allows even shorter publication times. Should you choose not to receive proofs of your contribution, the publication time may be reduced by as much as 25%. Please indicate clearly during submission whether your manuscript is to be treated as an "Express publication" or not. If there is no clear indication of your preference, your manuscript will be treated conventionally and you will receive electronic proofs of your contribution.

### 5 Manuscript preparation

#### General remarks

To help you prepare your manuscript, Springer offers a template that can be used with WinWord 6 and higher as well as with Word for Macintosh. For details see "Electronic submission of final version". All manuscripts are subject to copyediting.

#### Title page

- A concise and informative title (no subtitle)
- Full first name, initials, last name of all authors
- The affiliation(s) and complete address(es) of the author(s)
- The e-mail address, telephone and fax number of the corresponding author
- Website of the research group(s) where most of the work has been done (if available)

#### Abstract

Each paper must be preceded by an abstract. The abstract should not exceed 150 words and describe the scope of the article, the most important results and the most important conclusions.

#### Keywords

4 to 6 keywords should be supplied after the Abstract for indexing purposes.

#### Introduction

The introduction should guide the reader and hence contain the following:

- A short introduction to the field of research
- The scope and incentives of the work
- The background, i.e. previous work by this and other research groups on the subject in question
- A conclusion summarizing the novelty and the significance of the paper.

The introduction should focus on the background relevant to the data presented and the conclusions drawn.

#### Materials and methods

This section should provide sufficient information to evaluate precisely how the data have been obtained, including the number of repetitions, and should make it possible for other research groups to repeat the experimental work.

#### Results

Data should be presented as precisely and concisely as possible, if appropriate in the form of tables or figures.

There should be no repetition in the text of values and information provided in figures or tables.

The presentation of data should follow a logical sequence starting with a short description of the reasons for performing the experiment, followed by a description of the results. This section should not repeat information on the experimental details

that have been given in Materials and methods. The data should be described and discussed, but interpretations and conclusions should be given in the Discussion.

#### Discussion

The discussion should cover the following aspects:

- An interpretation of the results and their significance with reference to previous work.
- A description of how the data advance the state-of-the-art
- The importance of the findings for the research field in question
- Implications for future research

Information given in the Introduction or Results should not be repeated.

#### Acknowledgements

These should be as brief as possible. Any grant that requires acknowledgement should be mentioned. The names of funding organizations should be written in full.

#### Appendices

Extensive tables or additional material can be published on the journal website as Electronic Supplementary Material.

#### References

The list of references should include only work cited in the text and that has been published or accepted for publication. In the text, references should be cited by author and year (e.g. Hammer 1990a, 1990b, 1994; Hammer and Sjöqvist 1995; Hammer et al. 1993). The list should be in alphabetical order.

#### Examples

##### Journal articles:

Kraft T, Hansen M, Nilsson N-O (2000) Linkage disequilibrium and fingerprinting in sugar beet. *Theor Appl Genet* 101:323–326

Journal titles should be abbreviated in accordance with standard sources.

##### Books:

Larcher W (1995) *Physiological plant ecology*, 3rd edn. Springer, Berlin Heidelberg New York, pp 87–109

##### Multi-author books:

Hovind HJ (1986) Traumatic birth injuries. In: Raimondi AJ, Choux M, Di Rocco C (eds) *Head injuries in the newborn and infant. (Principles of pediatric neurosurgery)* Springer, Berlin Heidelberg New York, pp 87–109

“Personal communications” or “unpublished data” cannot be included in the reference list, but should be mentioned in the text in parentheses: this also applies to papers presented at meetings but not yet published or accepted for publication. A date should be given for both personal communications and unpublished data.

Users of EndNote software should follow the style for *Archives in Microbiology*.

Papers that have been accepted for publication should be included in the list of references with the name of the journal and “in press”. Oral communications should only be mentioned in the acknowledgements.

#### Illustrations and tables

All figures (photographs, graphs, or diagrams) and tables should be cited in the text, and each numbered consecutively throughout. The placement of figures and tables should be indicated in the left margin. For submission of figures in electronic form see below.

*General:* Label photos and graphs such that minimal explanation is required in the legends. Where possible, avoid numbering of bands or lanes and give a self-explaining description

(such as the relevant genotype). Avoid, however, strain designations that only the author can understand.

For graphs, include a symbol legend within the figure rather than in the text of the legend.

Figure legends must be brief, self-sufficient explanations of the illustrations. The legends should be placed at the end of the manuscript.

*Line drawings:* Please submit good-quality prints. The inscriptions should be clearly legible.

*Half-tone illustrations* (black and white and colour): Please submit well-contrasted photographic prints with the top indicated on the back. Scale bars should indicate magnification.

*Plates:* Several figures or figure parts should be grouped in a plate on one page.

*Size of figures:* The figures should match the width of either the column (86 mm) or the type area (178 mm). The maximum length is 241 mm.

For *colour illustrations* the authors will be expected to make a contribution (€ 485, US \$ 475, plus 16% VAT) towards the extra costs, irrespective of the number of color figures.

*Tables* should have a title and a legend explaining any abbreviations used. Footnotes to tables should be indicated by superscript lower-case letters (or asterisks for significance values and other statistical data).

*Nomenclature abbreviations* should follow the rules and recommendations of the IUPAC-IUB Commission on Biochemical Nomenclature (CBN) and of the IUB Commission of Editors of Biochemical Journals (CEBJ). Genus or species names, gene symbols, mathematical formulae and any other words to be given special emphasis should be italicized.

*Sequences:* Papers referring to sequence data can only be accepted when an accession number has been obtained from a database such as EMBL or Genbank. Detailed instructions for sequence submissions can be obtained from the corresponding databases. The accession number may be cited in the Materials and methods section, or as a footnote. Nucleotide sequences will not usually be published, unless their presentation is required to clarify particular points of biological interest.

## 6 Electronic submission of final version

The final version of manuscripts that were submitted as paper only need to be sent to the Editorial Office, both in print and electronic form, after they have been accepted for publication.

### Preparing your manuscript

#### Text

We recommend using the Word template available via ftp (ftp.springer.de/); user ID: ftp, password: your own e-mail address, directory: /pub/word, file names: sv-journ.zip or sv-journ.doc and sv-journ.dot or simply from the website at the Editorial Office.

#### Layout guidelines

1. Use a normal, plain font (e.g., Times Roman) for text.  
Other style options:  
for textual emphasis use italic type. For special purposes, such as for mathematical vectors, use boldface type.
2. Use the automatic page numbering function to number the pages.
3. Do not use field functions.
4. For indents use tab stops or other commands, not the space bar.

5. Use the table functions of your word processing program, not spreadsheets, to make tables.
6. Use the equation editor of your word processing program or MathType for equations.
7. Place any figure legends or tables at the end of the manuscript.
8. Submit all figures as separate files and do not integrate them within the text.

#### Data formats

Save your work as two versions:

1. Word compatible Word 95/97 /2000
2. RTF (Rich Text Format)

#### Illustrations

The preferred figure formats are EPS for vector graphics exported from a drawing program and TIFF for halftone illustrations. EPS files must always contain a preview in TIFF of the figure. The file name (one file for each figure) should include the figure number. Figure legends should be included in the text and not in the figure file. Contact the production department if you have questions.

*Scan resolution:* Scanned line drawings should be digitized with a minimum resolution of 800 dpi relative to the final figure size. For digital halftones, 300 dpi is usually sufficient.

*Colour illustrations:* Store colour illustrations as RGB (8 bits per channel) in TIFF format.

*Vector graphics:* Fonts used in the vector graphics must be included. Please do not draw using hairlines. The minimum line width is 0.2 mm (i.e. 0.567 pt) relative to the final size.

#### General information on data delivery

Please send your files directly via ftp (ftp.springer.de, see instructions on the websites of the journals as well as of the editorial office) or send a zip file (text and illustrations in separate files) to the Editorial Office on any of the following media:

- On a diskette [you may use .tar, .zip, .gzip (.gz), .sit, and compress (.Z)]
- On a ZIP cartridge
- On a CD-ROM

Please always supply the following information with your data: journal title, operating system, word processing program, drawing program, image processing program, compression program.

The file name should be memorable (e.g. author name), have no more than 8 characters, and include no accents or special symbols. Use only the extensions that the program assigns automatically.

## 7 Proof reading

Authors should make their proof corrections on a printout of the pdf file supplied, checking that the text is complete and that all figures and tables are included. After online publication, further changes can only be made in the form of an Erratum, which will be hyperlinked to the article.

The author is entitled to formal corrections only. Substantial changes in content, e.g. new results, corrected values, title and authorship are not allowed without the approval of the responsible editor. In such a case please contact the Chief Editor before returning the proofs to the publisher.

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