

### *Copying*

This journal is registered with the Copyright Clearance Center, 21 Congress St., Salem, Mass. 01970. Organizations in the U.S.A. who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of U.S. copyright law) subject to payment to C.C.C. of the per-copy fee of \$02.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0016-6723/82/2828-0001 \$02.00.

*ISI Tear Service*, 3501 Market Street, Philadelphia, Pennsylvania 19104, U.S.A., is authorized to supply single copies of separate articles for private use only.

*For all other use*, permission should be sought from the Cambridge or New York offices of the Cambridge University Press.

GENETICAL RESEARCH (ISSN 0016-6723) is published once every two months. Single parts £12.00 net (in U.S.A. and Canada US \$33.50), plus postage. Three parts form a volume. The subscription price of volumes 39 and 40, 1982 (which includes postage) is £29.00 net per volume (in U.S.A. and Canada US \$79.75).

Copies of the journal for subscribers in the U.S.A. and Canada are sent by air to New York to arrive with minimum delay. Second class postage at New York, N.Y., and at additional mailing offices.

Orders, which must be accompanied by payment, should be sent to a bookseller or to the publishers, Cambridge University Press, The Edinburgh Building, Shaftesbury Road, Cambridge CB2 2RU and, in the U.S.A. and Canada, 32 East 57th Street, New York, N.Y. 10022. POSTMASTER: send address changes in U.S.A. and Canada to Cambridge University Press, 32 East 57th Street, New York, N.Y. 10022.

Claims for missing issues can only be considered if made immediately after receipt of the subsequent issue.



# GENETICAL RESEARCH

VOLUME 39, NUMBER 1, FEBRUARY 1982

## CONTENTS

MIKLOS, GEORGE L. GABOR <i>and</i> GILL, AMANDA CLARE. Nucleotide sequences of highly repeated DNAs; compilation and comments	page 1
HAINES, SHEILA <i>and</i> BISHOP, J. O. Allelic variation at several different genetic loci determines the major urinary protein phenotype of inbred mouse strains	31
MALPICA, J. M. <i>and</i> BRISCOE, D. A. Multilocus nonrandom associations in <i>Drosophila melanogaster</i>	41
TAKAHATA, NAOYUKI. Linkage disequilibrium, genetic distance and evolutionary distance under a general model of linked genes or a part of the genome	63
BECHTOL, KATHLEEN B. Lethality of heterozygotes between <i>t</i> -haplotype complementation groups of mouse: sex-related effect on lethality of $t^6/t^{w5}$ heterozygotes	79
JOHNSTON, LELAND H. Rapid detection of allelic recombination at the <i>gall</i> locus in yeast by assay of the recombinant gene product	85
SHORT PAPERS	
AL-DOORI, ZAINAB, WATSON, MARTIN <i>and</i> SCAIFE, JOHN. The orientation of transfer of the plasmid RP4	99
RAO, I. NARAYANA <i>and</i> RAO, M. V. PRABHAKARA. Identification of the chromosomes involved in a wheat-rye translocation using isozyme markers	105

© Cambridge University Press 1982

CAMBRIDGE UNIVERSITY PRESS

The Pitt Building, Trumpington Street, Cambridge CB2 1RP  
32 East 57th Street, New York, N.Y. 10022

Printed in Great Britain at the University Press, Cambridge