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9/3/92

John Merriam
UCLA Drosophila Genmaps Database

DEPARTMENT OF BIOLOGY
405 HILGARD AVENUE
LOS ANGELES, CALIFORNIA 90024-1606
FAX [redacted]

complete your FAX number here: [redacted] OK

Dearolf C; Qian H; Zinyk D
JGRT
Dana Farber Cancer Inst.
44 Binney Street Rm JF 209
Boston, MA 02115

Dear Colleagues,

We need your **help** in forming a **Restriction Map** of the *Drosophila melanogaster* genome. Our task is to collect information for a physical map of genes (clones and walks) based on restriction sites. Already a physical map of clones exists based on collected information about the band locations of clones (see Science 254: 221). The next step will provide a higher resolution framework for organizing information in the Drosophila genome data base project.

The most important information we would like to receive from you is the restriction map you have for the gene hop. Of course we mean a map for as much of that chromosome region as you have. The best form of information for us would be a table or list of the coordinates (in Kb) of restriction sites. We will also be happy to accept a Xerox copy of any map you already have available, with the gene name, scale, symbol legend to enzymes, lab name and/or reference attached. It would be very helpful if you could include the locations of other details on a line drawing for future physical annotations. We would like to see the following features on your scale diagram:

* transcript units with origin and exons
* alternate splices or cDNAs if different from above
* sequenced intervals with accession nos.
* breakpoints of rearrangements (named)
* STS or any other landmarks

With this request we are initiating a new data base direction for us. That is to record, for each laboratory or project, the kb coordinates of the gene or chromosomal region of interest. The information you send us should represent your most up-to-date and comprehensive map. Separately we will continue to record the data for individual publications. By using records from both projects together we maintain a link between publications and the physical restriction map.

We would also like to use this opportunity to verify our records and have enclosed information we believe to be presented in individual publications. Please review each record with respect to the questions listed below. Make revisions directly on the copy and send corrected copies back to us.

* are the gene name and abbreviation informative, acceptable?
* is the information accurate?
* is the information in each report restricted to data that was presented for the first time in the corresponding paper? For example Table/Section 1 should be filled out only for those publications describing isolation of DNA clones.
* has this meeting report or communication been published? Please provide the citation.
* are the name, address, phone and Fax nos. up to date?

Thank you for your assistance with this project which will benefit all Drosophila workers. We hope to present initial results at the 1993 Drosophila meetings. To do this we need your response as soon as possible. Please check the appropriate box below and send back or Fax this form along with your list or map. John

✓ ☐ map or coordinates enclosed already sent
☐ no map available
☒ send request to Rich Binari at Genetics Dept. Harvard Medical School
([redacted] Fax [redacted])

One hundred twenty-five years of service.