E(Z)

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December 20, 1990

John Merriam
UCLA Drosophila Genmaps Database

DEPARTMENT OF BIOLOGY
405 HILGARD AVENUE
LOS ANGELES, CALIFORNIA 90024-1606

FAX [redacted]

FAX: [redacted]

Jones, Rick
Dept of Cellar and Developmental Biology
Havard University
The Biological Laboratories
16 Divinity Avenue
Cambridge, MA 02138

Dear Colleagues:

I would like to use information from the clone list to construct a "physical map" of the Drosophila genome. You have (a) clone(s) listed, as described below, so I would like to enlist your help. What I need for this project are the names and locations of chromosome rearrangement breakpoints that lie within the region of your clone/walk. Mapping breakpoints is the most reliable way of connecting the molecular with the cytological scales.

As you know, the clone list has been useful to Drosophila workers in finding starting points for their walks. The database is organized by references, so that the original cloning paper from a lab is cited as key #1, with subsequent papers cited by subject (key #5 is sequence information, for example). The clone list is therefore also a gene-by-gene literature index. The clone list is now mounted on the Indiana University BioArchive computer bulletin board in the FLY subdirectory. Use Internet address [redacted] and your local File Transfer Program.

Please take a few minutes to complete this form and return to me by FAX or mail. It will be most useful if you can update your clone sizes and make more exact your clone locations. Make any other changes you want also. List the rearrangements and which breakpoints you have identified. Any cytologically visible rearrangement (deletion, inversion, translocation, transposition, duplication) is useful. Please indicate if the same citation is the best reference, or indicate a better one (or a personal communication).

I thank you for your help as always. With your prompt and generous support I can expect to show you the results in March at the Chicago fly meeting.

List Rearrangements :	Breakpoint found:	Other breakpoints:

CHANGE or CONFIRM indexing for original clone cit'n: Locations __ Clone sizes __ Names/Products __

Jones R (1988) 29th Annual Drosophila meeting

Location	Key	kb gen/cDNA	Gene name (abbreviation) product rearrangements...
21C1,2-D1,2	1,2	190 0	anonymous (anon) T(2;3)21C1,2; 67E4
67E3,4-67E7	1,2,6	70 0	Enhancer-of-zeste;haywire (E(Z);hay) T(2;3)21C1,2; 67E4

note Table 1, 2 both records

s, Rick
ept of Cellar and Developmental Biology
Harvard University
The Biological Laboratories
16 Divinity Avenue
Cambridge, MA 02138

Jones R (1988) 29th Annual Drosophila meeting

21C1,2-D1,2 67E3,4-67E7 location changes

190 kb 70 kb kb per location?

(genomic) or cDNA?

Walked from 21D1-2 to 21C1-2, then jumped across T(2;3)21C1-2;67E3-4 and continued walk in 67E. key details of cloning method

21C7,8 start clone from D Andrew (walk/jump)

homology

transposon tag

Enhancer of zeste [E(z)] and haywire (hay) loci in 67E3-4 expression, etc

oligonucleotide

other (specify)

Is the reference correct? (~~changes~~ yes?)

Your name Rick Jones

telephone number [redacted]

FAX number [redacted]

Please return to John Merriam, Biology Department,
University of California, Los Angeles, CA 90024
[redacted]

rewrf #4984

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DEPARTMENT OF BIOLOGY
405 HILGARD AVENUE
LOS ANGELES, CALIFORNIA 90024-1606

FAX # [redacted]

Feb 14, 1989

R S Jones W. M. Gelbart Harvard

Dear Colleagues,

This is a followup request concerning your report at the Toronto Drosophila meeting on (29-...

E(3)

To properly include this material in the next Cloned DNA list we need to know

location, molecular maps

If you have obtained additional information on this since the Toronto meeting could you please summarize it for us on the enclosed report sheet. You might also want to check the latest DIS (67) for our report form and the accuracy of its information.

Thank you in advance for your assistance. See you in New Orleans.

Sincerely yours,

John Merriam

New fields RECORD NO 1662 REF NO. 9
version 7/24/87

4. Date 3/13/89

5. Location 6[illegible]

6. Table Num 0 1 2 X 3 4 X 5 6 X

7. Clone Name

8. Genes Info FGF) and Int

9. Stock Orgn

10. KB Size 40 kb

11. Cross Ref

12. Misc Info

13. Reference

14. Breakpoint ~~XEN~~ 7(2;3)

15. BPCont1

16. BPCont2

17. T Strain

18. Markers

19. DIS Vol

20. Comments

21. KB Sequenced

22. Coordinates

please return to:

John Merriam

Biology Department
Univ California
Los Angeles, CA 90024

FAX # [redacted]

key to Table num for this record: 0 = new data and ref on clone previously entered, 1 = clone, 2 = rearrangement breakpoint, 3 = insert, 4 = walk, 5 = sequenced, 6 = transcription unit. multiple entries ok (ie 1,2,4,5,6)

fields RECORD NO _____ REF NO. 499
ersion 7/24/87

4. Date 4/23/91

5. Location 21C 1,2 to 21D 1,2

6. Table Num 0 1 2 3 4 5 6

7. Clone Name ---

8. Genes Info dnaA

9. Stock Orgn dpcK cn bw

10. KB Size 190 KB

11. Cross Ref

12. Misc Info part of walk is in EMBL3
; part is in cosmid pWE16

13. Reference

14. Breakpoint T(2;3)21C1,2 67E4

15. BPCont1 Same as listed in ref.

16. BPCont2

17. T Strain

18. Markers

19. DIS Vol

20. Comments

21. KB Sequenced

22. Coordinates

please return to:

John Merriam

Biology Department
Univ California
Los Angeles, CA 90024

FAX # [redacted]

P.S.

key to Table num for this record: 0 = new data and ref on clone previously entered, 1 = clone, 2 = rearrangement breakpoint, 3 = insert, 4 = walk, 5 = sequenced, 6 = transcription unit. multiple entries ok (ie 1,2,4,5,6)