FBrF0075195

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4/8/92

E(BIC)

John Merriam
UCLA Drosophila Genmaps Database

complete your FAX number here: [redacted]

Gajewski K; Beckingham K
Biochemistry & Cell Bio
Rice University
P.O.. Box 1892
Houston, TX 77251

FAX [redacted]

Dear Colleagues,

Great progress has been made toward a molecular description of the Drosophila genome. This can be seen from the wall chart of Drosophila chomosomes in the Oct 11 1991 issue of Science (review: Science 254, 221-225). A summary file showing the cytological locations of cloned DNA, rearrangement break points, and transposable element insertions (called clonelist.txt) has been posted on the file server FLY.BIO.INDIANA.EDU for electronic access using FTP.

Your article, listed below, is likely to have cloning or molecular information that should be listed in the Drosophila Genmaps. Please take a few minutes to complete this form and return to me by FAX or mail. If we missed any previous papers, make copies of this form to describe each earlier paper. Include your FAX number. If you think that one of your co-authors would be a better contact for us, feel free to send them this letter with your request to answer it.

I thank you for your help as always. With your prompt and generous support I can include your results in the next update, schelduled for June. -- John

CITATION:

Gajewski K; Beckingham K. Genetic rescue and genetic interaction experiments for vr22 (Enhancer of Bicaudal D). 33rd Annual Drosophila Research Conference 1992.

--> List the Gene name:	and its Chromosome location:
VR22 (ENHANCER OF BIC D)	49DE

KEYs 1-8: Please check off those boxes which describe THIS PAPER

Describe your results in detail on the reverse side.

- [x] 1 Genomic or cDNA clones obtained.
- [ ] 2 Rearrangement breakpoints found in clone.
- [ ] 3 New location of transformed insert.
- [x] 5 Sequence obtained.
- [x] 6 Transcript obtained.
- [ ] 7 Protein described by antisera.
- [ ] 8 Promoter fusion studies.
- [ ] No cloning or molecular information about gene

DROSOPHILA GENOMES DATABASE REPORT FORM

Return to John Merriam, UCLA Biology, Los Angeles, CA 90026-1606; FAX [redacted]

location: 99 DE keys for this paper: 1,5,6

Gene/mutant name: Enhancer of Bicaudal D

abbreviation: VF 22

biochemical name/product:

(1) CLONES:

kb_genomic: 65 Kb vector/library name: λ-EMBL3-(Oberk/ISO-1 Genomic Library)

kb_cDNA: ✓ vector/library name: KATE/O'MARK CHANDES OVARIAN cDNA LIBRARY

METHOD: ALSO HAVE cDNA IN BLUESCRIPT

prior clone: walk: ✓ from eg (William + Ben)

expression: differential screen:

microclone: oligonucleotide: PCR?

homology: transposon tag:

(2) REARRANGEMENTS:

(3) TRANSFORM INSERTS:

(5) SEQUENCE:

kb_genomic: accession number:

kb_cDNA: 1.05KB accession number:

ORF-size: 456 aa

ORF_function/homology group: 54% IDENTITY WITH THE N-TERMINAL 1/3 OF SYNEXIN

ORF_domains:

(6) TRANSCRIPT DESCRIPTION:

transcript_size: 1.2Kb

distribution: EXPRESSED IN OVARIES & EARLY EMBRYOS (THE REST OF THE LIFE CYCLE HAS NOT BEEN CHECKED YET)

(7) PROTEIN ANTIBODY:

distribution:

(8) LAC Z FUSION STAIN:

distribution:

MISC_INFO: