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John Merriam
UCLA Drosophila Genmaps Database

FAX [redacted]

FAX: 1

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Help!

Your article, listed below, is likely to have cloning or molecular information that should be listed in Drosophila Genmaps. As you know, the clone list has been useful to Drosophila workers in finding start points for their walks. The database is organized by references, so that the original cloning paper from each lab is cited as key #1, with their subsequent papers cited by subject. 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 129.79.1.101 and your local File Transfer Program.

Please take a few minutes to complete this form and return to me by FAX or mail. On separate sheet(s) we print out the information we have already from your lab on this gene. Send back to us any corrections you may have. 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 on the bulletin board. -- John

CITATION:

12.4 32nd Drosophila Conference, Chicago 1991

--> List the Gene name: | and its Chromosome location:

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.
- [x] 3 New location of transformed insert.
- [x] 5 Sequence obtained.
- [ ] 6 Transcript obtained.
- [ ] 7 Protein described by antisera.
- [ ] 8 Promoter fusion studies. ← also filled in -
- [ ] No cloning or molecular information about gene

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DROSOPHILA GENMAPS DATABASE REPORT FORM

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

location: 96D

keys for this paper:

Gene/mutant name: ~~Eukaryotic initiation factor 4A~~ spike

abbreviation: ~~eIF4A~~

biochemical name/product:

(1) CLONES:

kb_genomic: ~20 kb vector/library name: λ Charon 4

kb_cDNA: 3.8 vector/library name: GT·10

METHOD:

prior clone: walk:

expression: differential screen:

microclone: oligonucleotide: PCR?

homology: transposon tag: P mutant

(2) REARRANGEMENTS:

(3) TRANSFORM INSERTS: P[lacZ] element

(5) SEQUENCE:

kb_genomic: accession number:

kb_cDNA: accession number:

ORF-size:

ORF_function/homology group: homologous to RNA binding protein

ORF_domains:

(6) TRANSCRIPT DESCRIPTION:

transcript_size: ~4 kb

distribution:

(7) PROTEIN ANTIBODY:

distribution:

(8) LAC Z FUSION STAIN:

distribution: Appears specific to CNS and PNS ~~cells~~ beginning during embryogenesis

SC_INFO: Hypomorphic phenotype results in effects on phototransduction. Null phenotype is lethal