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5/5/91 UCLA 1307

January 24, 1990

YES 5TBC
YES 8 D
YES 95CD

John Merriam
UCLA Drosophila Genmaps Database
DEPARTMENT OF BIOLOGY
405 HILGARD AVENUE
LOS ANGELES, CALIFORNIA 90024-1606
FAX [redacted]

FAX:

Samant, SA
University of Poona
Department of Zoology
Poona 411007
Maharashtra, INDIA

Help!

Your article, listed below, is likely to have cloning or molecuair 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 [redacted] 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 printo out the information we have already from your lab on this gene from the December 3, 1990 list. Send back to us any corrections you may have. If we missed any previous papers, make copies of the form on the reverse, and describe the contents of each paper separately. If you feel 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 expect to show you the results in March at the Chicago fly meeting. -- John

CITATION:

Samant SA; Deobagkar DD; Godbole NN; Deobagkar DN. Detection and localization on Drosophila-melanogaster polytene chromosomes of sequences homologous to oncogene yes. Journal of Genetics 1989 Aug; 68 (2):109-116.

---> List the Gene Name: and its Chromosone location:

ONCOGENE YES HOMOLOGUE OF DROSOPHILA 8D/X , 57BC/2R , 95CD/3R

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.
- [ ] 5 Sequence obtained.
- [x] 6 Transcript obtained.
- [ ] 7 Protein described by antisera.
- [ ] 8 Promoter fusion studies.

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DDeobagkar

for questions 1307

DROSOPHILA GENMAPS DATABASE REPORT FORM

Return to John Merriam, UCLA Biology, Los Angeles, CA 90024-1606 : FAX [redacted]

Made 3 identical records - JM 5/5/91

location: 8D1X, 57 BC/2R, 95C8/3R Table numbers:

Gene/mutant name: ONCOGENE YES HOMOLOGUE OF DROSOPHILA

abbreviation: D-yes

biochemical name/product: TYROSINE PROTEIN KINASE

(1) CLONES:

entered largest

kb_genomic: 18-23 Kb vector/library name: EMBL-4

kb_cDNA: vector/library name: GT-10

entered "1" as default for cDNA clones

METHOD:

prior clone: walk:

expression: differential screen:

microclone: oligonucleotide: PCR?

homology: transposon tag:

(2) REARRANGEMENTS:

(3) TRANSFORM INSERTS:

(5) SEQUENCE:

kb_genomic: accession number:

kb_cDNA: accession number:

ORF-size:

ORF_function/homology group:

ORF_domains:

entered 2.0 =1.8→2.0,

(6) TRANSCRIPT DESCRIPTION:

transcript_size: Three sizes ~ 1.8·2.0 Kb, 1.0 Kb and ~ 500-300b

distribution: cytoplasmic transcripts in Drosophila cell line (H-33) and in different developmental stages of D. melanogaster

(7) PROTEIN ANTIBODY:

distribution:

(8) LAC Z FUSION STAIN:

distribution:

MISC_INFO: 1. screening and identification of cDNA clone
2. mapping and comparisons of different clones.