MNV. ABrF0075240
5/27/92

2824

Su(fu)
also Df(3R)Kar-Szl1

4/7/92

John Merriam
UCLA Drosophila Genmaps Database

complete your FAX number here: [redacted]

Tricoire H; Preat T; Therond P; Pham A; Alves G; Busson D; Lamour-Insnard
Dyn. Du Gin. et Evloution
Ist. of Jacques Momod
4 Place Jussieu 75251
75 251 Paris Cedex 5

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 [redacted] 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:

Tricoire H; Preat T; Therond P; Pham A; Alves G; Busson D; Lamour-Insnard C; Limbourg-Boucnon B. Molecular analysis of the gene Supressor of fused. 33rd Annual Drosophila Conference Research 1992.

| --> List the Gene name: | and its Chromosome location: |
|---|---|
| Supressor of fused (Su(fu)) | 87C |

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

Describe your results in detail on the reverse side.

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

DROSOPHILA GENMAPS DATABASE REPORT FORM H. Ingham, IFN, 91406 ORSAY CEDEX Fa[redacted]

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

location: 87C keys for this paper: 1

Gene/mutant name: Supressor of used

abbreviation: Su(fu)

biochemical name/product:

(1) CLONES:

kb_genomic: 23 vector/library name: EMBL3

kb_cDNA: 1.6 ; 3.7 vector/library name: PNB40

METHOD:

prior clone: walk:

expression: differential screen: Genomic DNA of Df(3)Kar$^{SZ11}$/Df(3)Kar$^{SZ21}$

microclone: oligonucleotide: PCR?

homology: transposon tag:

(2) REARRANGEMENTS: Break point of Df(3) Kar$^{SZ11}$

(3) TRANSFORM INSERTS:

(5) SEQUENCE:

kb_genomic: 1.7 accession number:

kb_cDNA: 1.7 accession number:

ORF-size: 1.24

ORF_function/homology group: None

ORF_domains:

(6) TRANSCRIPT DESCRIPTION:

transcript_size:

distribution:

(7) PROTEIN ANTIBODY:

distribution:

(8) LAC Z FUSION STAIN:

distribution:

MISC_INFO: Phenotypic rescue with a 4.7 kb fragment