Df(2L)OD15, Df(2L)TW130 Df(2L)VA18, Df(2L)hk-UC1 Df(2L)hk-UC2 M79 IBrF0075253

DROSOPHILA GENMAPS DATABASE REPORT FORM

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

location: 37B10 keys for this paper: 1,256,

Gene/mutant name: l(2) 37B10

abbreviation: Bc

biochemical name/product: BC protein

(1) CLONES: Bc 14.75 kb λRS 24

kb_genomic: 160 kb vector/library name: λ/charon 4 Maniatis Canton-S

kb_cDNA: 1.67 kb vector/library name: pN3-10 embryonic (Bogaert et al 1986 Cell 51 929-940)

METHOD: g[redacted]mic

prior clone: from Ruth Steward walk:

expression: differential screen: cDNA library using genomic bg and

microclone: oligonucleotide: PCR? that transform

homology: transposon tag:

(2) REARRANGEMENTS: Df(2L)TW130, Df(2L)OD15, Df(2L)hkUC1, Df(2L)VA18 and Df(2L)hkUC2

(3) TRANSFORM INSERTS: 7.0 kb fragment two locations 1 one on 3rd and one on X chromosome

(5) SEQUENCE:

kb_genomic: accession number:

kb_cDNA: 1.67 kb accession number:

ORF-size: 1,275 bp = 425 aas

ORF_function/homology group: tyrosine protein kinase-like

ORF_domains: Histone-rich domain

(6) TRANSCRIPT DESCRIPTION:

transcript_size: 1.7 kb

distribution:

(7) PROTEIN ANTIBODY:

distribution:

(8) LAC Z FUSION STAIN:

distribution:

MISC_INFO: 8-312 bands uncovered.

John Merri
UCLA Drosophila Genmaps Database

3/18/91

FAX: D. Stathakis, T. Nomyk - Wright
Dept of Biol, Univ of Virg
Mc Cormick RD, Gilmer Hal
Charlottesville, Va 22 90

FAX [redacted]

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 t next update on the bulletin board. -- John

CITATION:

32nd Drosophila Conference Chicago 1991

--> List the Gene name:	and its Chromosome location:
l(2) 37 Bc	37 B

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.
- [ ] 6 Transcript obtained.
- [ ] 7 Protein described by antisera.
- [ ] 8 Promoter fusion studies.
- [ ] No cloning or molecular information about gene

DROSOPHILA GENMAPS DATABASE RECORD PRINTO[illegible] - 12/12/91

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

source_number 1779

full_location: 37B10

table_numbers: 1,2,5,6 cross_locations:

gene_name: l(2)37Bc

gene_abbrev: Bc

product: Bc protein

1 kb_cloned_genom: 160 vector_genomic: lambda RS24/charion 4 Manistis Carton-S

kb_cloned_cDNA: 1.67 vector_cDNA: pNB40 embryonic

METHOD: expression: walk_jump_org: YACs: 0

microcloning: oligonucleotide:

homology: transposon_tag:

clonetechtext: prior clone genomic from Ruth stewart

2 rearrangement: Df(2L)TW130; Df(2L)OD15; Df(2L)hkuc1; Df(2L)VA18; Df(2L)hkuc2

3 T_strain:

markers:

5 kb_seq_genomic: 0 acc_number_gen: kb_seq_old: 0

kb_seq_cDNA: 1.67 acc_number_cDNA:

comments:

ORF_size: 425

ORF_function: tyrosine protein kinase-like

ORF_domains: Histine-rich domain

6 kb_trans_size: 1.7

transc_dist:

7 protein_dist:

8 fusion_dist:

misc_info: 8-12 bands uncovered; (Bogert et. al 1987. Cell 51:929-940.); 7.0 kb fragment two locations are on 3rd and X chromosome.

full citation: Stathakis D; Nomyk T; Wright T. 32nd Drosophila Conference, Chicago 1991.

contact_person: Stathakis D ph FAX

lab_address: Department of Biology

address_line1: University of Virginia

address_line2: McCommick Rd. Gilmer Hall

address_line3: Charlottesville, VA 22901

address_line4:

keywords