Hrb98DE

Hrb|00075212

DROSOPHILA DATABASE REPORT FORM
Return to John Merriam, UCLA Biology, LA 90024-1606 FAX [redacted]

Please verify [___] or correct the address and citation on the reverse.

NAME: Susan Haynes PHONE #: [redacted] FAX #: [redacted]

1. **GENE:** How do you describe the gene you are reporting on?

   mutant name (if any):_____

   abbreviation:_____

   biochemical name (if any):_____

2. **LOCATION:** Where is your clone/walk located?_____
   (If you are using a clone from a more extended walk, what is the location of your gene?_____)

3. **SIZE:** How many kb did you clone? (round to nearest kb)

   genomic_____vector/library name:_____

   cDNA_____vector/library name:_____

4. **METHOD:** Describe the entry point for your clone/walk.

   prior clone_____transposon tag_____

   expression_____differential screen_____

   microclone_____oligonucleotide_____PCR?_____

   homology_____

5. **SEQUENCE:** How many kb did you sequence? (round to nearest 0.1 kb)

   genomic_____accession #:_____

   cDNA_____accession #:_____

   PRODUCT: How many amino acids in the ORF?_____

   _____
   (List above the predicted function or homology group of the ORF)

   _____
   (List above the key words that describe domains in the ORF)

6. **TRANSCRIPTS:** (round mRNA sizes to nearest 0.1 kb, list largest 1st):

   _____When/where found?_____

7. **PROTEIN** (antibody detection): Where found?_____

8. **LAC Z FUSION** stain: Where found?_____

9. **MORE DETAILS:** This is an abstract for a meeting. The genes reported in the abstract have either been published already (Hrb98DE; MCB 10 (1990) 316) or have been submitted for publication. The info on these genes should most appropriately be referenced by these other papers.

THU 9:45 ø

Mol Cell Biol 10: 316-323 1990

Haynes

Drosophila clone list report form ver 12/6/89

please return to:

John Merriam
Biology Department
Univ California
Los Angeles, CA 90024

FAX # [redacted]
phone [redacted]

new/update
date_____ record #_____ reference#_____

key 1 2 3 (5) 6 7 8

location gene name abbrev product cross loc rearrange Tstrain marker

98DE Hrb 98DE hnRNA binding protein

walk/jump_____ genomic kb seq._____ accession#_____
origin

homology_____ cDNA kb seq. 2.26 accession# M15766
origin M28870
M28871
M28872

transposon tag_____ ORF_____
name #amino acids

cDNA_____ kb transcript(s)_____
express, enrich, or +/-

oligonucleotide_____ product distribution_____
sequence

microcloning_____
PCR?

genomic kb cloned_____ vector_____

cDNA kb cloned_____ vector_____

misc (promoters, transmembrane, DNA binding, etc)_____

key words_____

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To JOHN MERRIAM	From SUE HAYNES
Co.	Co.
Dept.	Phone #
Fax #	Fax #

ok

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3/18/91

John Merriam
Drosophila Genmaps Database

FAX:
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[redacted]

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 the next update on the bulletin board. -- John

CITATION:
11.5 ~~30~~ 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.

- ☐ 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

Dear John —
These sequences have already been sent to you.
S. H.

source_number: 693
full_location: 98DE
cross_locations:
table_numbers: 5, 4, 6
gene_name: hnRNA binding protein
gene_abbrev: Hrb98DE
YACs: 0
product: hnRNA binding protein
kb_cloned_genom: 14.3 ~~0~~ vector_genomic: Charon 4
kb_cloned_cDNA: 2.7 0 vector_cDNA: λgt 10, λgt 11
expression:
homology: pen repeat (GGX repeat)
microcloning:
transposon_tag:
oligonucleotide:
clonetechtext:
rearrangement:
T_strain:
markers:
kb_seq_old: 0
kb_seq_genomic: 0 ~~14.5~~
acc_number_gen:
kb_seq_cDNA: 2.26
acc_number_cDNA: M15766,M28870
comments: also Genbank accession #'s M28871, M28872 M33955, M31566, M24545, M34318, M34319~
ORF_size:
ORF_function: RNA binding protein
ORF_domains: RNP motifs; glycine-rich region
kb_trans_size: 2.6; 1.6
transc_dist: ~~To~~ present at varying levels throughout development
protein_dist:
fusion_dist:
misc_info: homologous to Hrb57E, mammalian A1+B group hn RNP proteins

full citation: Haynes SR; Raychaudhuri G; Beyer AL. The Drosophila Hrb98DE locus encodes four protein isoforms homologous to the A1 protein of mammalian heterogeneous nuclear ribonucleoprotein complexes. Mol Cell Biol 1990 Jan;10(1):316-23.

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keywords DDBJ/ GENBANK/ EMBL M15766, M28870, M28871, M28872