marb (AbrF0075220) 1044

Return to John Merriam, UCLA Biology, LA 90024 FAX 213 ~~206 3987~~
REFERENCE: _____

NAME: JANICE FISCHER PHONE # [redacted] FAX # [redacted] 7-

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

mutant name (if any) raven and marbles

abbreviation rvn, marb

biochemical name (if any) _____

2. LOCATION: Where is your clone/walk located? raven – in 100E : ~85 KB walk from 100D northward
(If you are using a clone from a more extended walk, what is the location of your gene? _____) marbles – in 61C : walked ~200 Kb from emc

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

genomic rvn 85 Kb / marb 200 kb vector/library name _____

cDNA rvn - 9kb / ~~marb – in progress~~ (clones obtained now mapping) vector/library name Alan Cowman's eye disc cDNA library

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

prior clone – marb – emc walk from H. Ellis + J. Posakony transposon tag – rvn : enhancer trap ~~lacZ~~ in 100D from Rubin lab

expression _____ differential screen _____

microclone _____ oligonucleotide _____ PCR? _____

homology _____

5. SEQUENCE: round to the nearest 10th the kb sequenced
– known for raven only so far

genomic _____ accession # _____

unpublished sequence → cDNA 8.5 kb accession # _____

PRODUCT: How many amino acids in the ORF? 2390

~~Actin~~
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 m RNA sizes to nearest 10th kb, list largest first ~9 Kb When/where found? third instar disc/brain complexes / ~~head~~ whole adults

7. PROTEIN (antibody detection) Where found? in progress

8. LAC Z FUSION stain Where found? _____

9. MORE DETAILS: _____

↑ the only 2 genes I looked

source_number: 1044

full_location: 61C  cross_locations:

table_numbers: 1,6

gene_name: marbles

gene_abbrev: marb

product:  YACs: 0

kb_cloned_genom: 200  vector_genomic:

kb_cloned_cDNA: 1  vector_cDNA:

expression:

homology:

microcloning:

transposon_tag:

oligonucleotide:

clonetechtext: prior clone: marb-emc walk from H. Ellis and J. Posakony.

rearrangement:

T_strain:

markers:

kb_seq_genomic: 0  acc_number_gen:  kb_seq_old: 0

kb_seq_cDNA: 0  acc_number_cDNA:

comments:

ORF_size:

ORF_function:

ORF_domains:

kb_trans_size: 9

transc_dist: third instar disc, brain complexes, whole adults

protein_dist:

fusion_dist:

misc_info:

full citation: **Fischer J; Rubin G. 1990 Drosophila conference.**


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**keywords** !

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:**_____PHONE #:_____FAX #:_____

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

   mutant name (if any):_____

   abbreviation: Mdr65

   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 150 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?_____
   Lac Z fusion stain:
8. **LAC** [redacted] stain: Where found?_____

9. **MORE DETAILS:**_____