DROSOPHILA GENMAPS DATABASE RECORD PRINTOUT - 1/6/95
Return corrections to John Merriam, UCLA Biology,
Los Angeles, CA 90026-1606; FAX [redacted]

trp

source_number 2530

Abrf0075246

full_location 99C

table_numbers 1,6,7 cross_locations

gene_name transient receptor potential

gene_abbrev trp

product

1 kb_cloned_genom 0 vector_genomi

kb_cloned_cDNA 0.8 vector_cDNA Head cDNA gt11 expression

METHOD: expression XXX walk_jump_org YACs 0

microcloning oligonucleotide

homology transposon_tag

clonetechtext screened lambda gt11 expression library with MAb83F6

2 rearrangement

3 T_strain

markers

5 kb_seq_genomic 0 acc_number_gen kb_seq_old 0

kb_seq_cDNA 0 acc_number_cDNA

comments

ORF_size

ORF_functio

ORF_domain

6 kb_trans_size 4.2

transc_dist eye specific transcript; eye specific late pupal onset

7 protein_dist subcellularly localized to region at base of rhabdomere where Ca++ stores are.

8 fusion_dist

misc_info Partial sequence showed identify with Montell & Rubin (1989) Neuron 2, 1313.

full citation Pollock J. CSH Mol. Neur. of Dros. Abstracts 1991.

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keywords

12/17/91

John Merriam
UCLA Drosophila Genmaps Database

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310

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 [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 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:

Pollock J. CSH Mol. Neur. of Dros. Abstracts 1991.

--> List the Gene name:	and its Chromosome location:
transient receptor potential	[redacted] 99C

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