5HT-R1 MNV 6/4/92

FBrf0075179

2537

12/17/91

FAX [redacted]

John Merriam
UCLA Drosophila Genmaps Database

Boschert U; Saudou F; Amlaiky N; Plassat J; Hen R.
LGME/CNRS-U184/INSERM
Institut de Chimie Biologique
Faculte de Medecine
11 Rue Humann
67085 Strasbourg Cedex FRANCE

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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:**

Boschert U; Saudou F; Amlaiky N; Plassat J; Hen R. CSH Mol. Neur. of Dros. Abstracts 1991.

| --> List the Gene name: | and its Chromosome location: |
|---|---|
| 5HT-dro1 | 100-A |

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

OSOPHILA GENMAPS DATABASE REPORT FORM

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

tion: 100 A keys for this paper: 1, 5, 6

ne/mutant name:

reviation: 5HT-dro 1

hemical name/product: G-protein coupled receptor

CLONES:

kb_genomic: vector/library name:

kb_cDNA: 2,868 vector/library name: LAMBDAZAP Drosophila Head cDNA Library.

METHOD:

prior clone: walk:

expression: differential screen:

microclone: oligonucleotide: PCR?

homology: ✓ transposon tag:

REARRANGEMENTS:

TRANSFORM INSERTS:

SEQUENCE:

kb_genomic: accession number:

kb_cDNA: 2,868 bp accession number: Genbank M55533

ORF-size: 564 aad. 2.86c

ORF_function/homology group: most closely related to human 5HT1A serotoninergic receptor - SEROTONIN RECEPTOR

ORF_domains:

) TRANSCRIPT DESCRIPTION:

transcript_size: 5,5 Kb

distribution: CNS expression begins late in embryogenesis, persists through adult

) PROTEIN ANTIBODY:

distribution:

) LAC Z FUSION STAIN:

distribution:

MISC_INFO:

2539

MNV 6/4/92

12/17/91

John Merriam
UCLA Drosophila Genmaps Database

FAX:

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| --> List the Gene name: | and its Chromosome location: |
|---|---|
| 5HT -dro 2A | 56 A-B |

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

DROSOPHILA GENMAPS DATABASE REPORT FORM

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

location: 56 A-B keys for this paper: 1, 5, 6

Gene/mutant name: 5HT - dro 2A

abbreviation:

biochemical name/product: G protein coupled receptor

(1) CLONES:

kb_genomic: vector/library name:

kb_cDNA: 4,224 vector/library name: Drosophila Head cDNA lambda ZAP library

METHOD:

prior clone: walk:

expression: differential screen:

microclone: oligonucleotide: PCR?

homology: ✓ transposon tag:

(2) REARRANGEMENTS:

(3) TRANSFORM INSERTS:

(5) SEQUENCE:

kb_genomic: accession number:

kb_cDNA: 4,224 accession number: EMBL 211489

ORF-size: 834 aas

ORF_function/homology group: most closely related to human 5HT1A serotoninergic receptor SEROTONIN RECEPTOR

ORF_domains:

(6) TRANSCRIPT DESCRIPTION:

transcript_size: 6,2 kb

distribution: expression starts stage 15 embryo in ventral midline cells, persist through adult life

(7) PROTEIN ANTIBODY:

distribution:

(8) LAC Z FUSION STAIN:

distribution:

MISC_INFO: