FBrF0075247

ttk

2862

4/8/92

John Merriam
UCLA Drosophila Genmaps Database

complete your FAX number here:

Xiong WC; Brown L; Wu C; Montel C
Biochemistry Bldg 37 Rm 4109
National Inst. of Health
9000 Rockville Pike
Bethesda, MD 20814

FAX [redacted]

Dear Colleagues,

Great progress has been made toward a molecular description of the Drosophila genome. This can be seen from the wall chart of Drosophila chomosomes in the Oct 11 1991 issue of Science (review: Science 254, 221-225). A summary file showing the cytological locations of cloned DNA, rearrangement break points, and transposable element insertions (called clonelist.txt) has been posted on the file server FLY.BIO.INDIANA.EDU for electronic access using FTP.

Your article, listed below, is likely to have cloning or molecular information that should be listed in the Drosophila Genmaps. Please take a few minutes to complete this form and return to me by FAX or mail. 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, schelduled for June. -- John

CITATION:

Xiong WC; Brown L; Wu C; Montel C. The tramtrack (ttk) locus is required for eye development. 33rd Annual Drosophila Research Conference 1992.

--> List the Gene name:	and its Chromosome location:
TRAMTRACK	100D

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

DROSOPHILA GENMAPS DATABASE RECORD PRINTOUT - 1/6/95

source_number 2862

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

full_location: 100D

table_numbers: 1,5,6,7 cross_locations:

gene_name: tramtrack

gene_abbrev: ttk

product: tramtrack

1 kb_cloned_genom: 10 vector_genomi:

kb_cloned_cDNA: 0 vector_cDNA:

METHOD: expression: walk_jump_org: YACs: 0

microcloning: oligonucleotide:

homology: transposon_tag: xxx

clonetechtext: P element

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: zinc finger

ORF_domain:

6 kb_trans_size: 5.0,4.2

transc_dist: altrnatively spliced giving 2 proteins with diff-DNA binding specifiates

7 protein_dist: maternal-throughout the embryo until cellular blastoderm, zygotic,-ant. midgut

8 fusion_dist:

misc_info: ttk protien binds the ftz promoter null allele is embryonic lethal. A ttk mutant has defects in eye development. More protein_dist insolated cells in embryonic mesoderm, post. midgut, trachael placodes, salivary gland placodes

full citation: Xiong WC; Brown L; Wu C; Montel C. The tramtrack (ttk) locus is required for eye development. 33rd Annual Drosophila Research Conference 1992.

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keywords