FBrf0075208

HmgD

2870

4/22/92

John Merriam
UCLA Drosophila Genmaps Database

complete your FAX number here: [redacted]

Wagner C; Ostrom J; Elgin S
Department of Biology
Washington University
St. Louis, MO 63130

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:

Wagner C; Ostrom J; Elgin S. A high mobility group protein in Drosophila. 33rd Annual Drosophila Research Conference 1992.

Wagner, CR, Hamana, [illegible] Elgin, SCR (1992) A High-Mobility-Group Protein and Its cDNAs from Drosophila melanogaster.

--> List the Gene name:	and its Chromosome location:
HMG D	57F8-11

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. cDNA
- [x] 6 Transcript obtained.
- [ ] 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: 57F8-11 keys for this paper: _____

Gene/mutant name: high mobility group protein D

abbreviation: HMG D

biochemical name/product: _____

(1) CLONES:

kb_genomic: _____ vector/library name: _____

kb_cDNA: .95 kb vector/library name: 0-4 hr embryo library, Rubin + Kafatos

METHOD:

prior clone: _____ walk: _____

expression: _____ differential screen: _____

microclone: _____ oligonucleotide: ~~from peptide~~ PCR? yes

homology: _____ transposon tag: _____

(2) REARRANGEMENTS: _____

(3) TRANSFORM INSERTS: _____

(5) SEQUENCE:

kb_genomic: _____ accession number: _____

kb_cDNA: 0.95 accession number: DRUHMGD M77023

ORF-size: 336

ORF_function/homology group: HMG 1

ORF_domains: _____

(6) TRANSCRIPT DESCRIPTION:

transcript_size: 1.3, 0.95

distribution: high levels in adult female and early ~~adult~~ embryo

(7) PROTEIN ANTIBODY:

distribution: _____

(8) LAC Z FUSION STAIN:

distribution: _____

MISC_INFO: _____