March 5th, 1996.
Correspondence with U. Walldorf, B. McGinnis and M. Noll backup suspicion that W26 ≠ E97 → E97

MNV 6/14/92 FBrf0075194

2839

4/8/92

John Merriam
UCLA Drosophila Genmaps Database

complete your FAX number here:

Walldorf U; Kloter U; Gerhing W
Cell Biology
Biozentrum, Univ. of Basel
Klingelbergster. 70
CH-4056 Basel Switerland

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:

Walldorf U; Kloter U; Gerhing W. A new homeobox gene, W26, is necessary for hidgut formation. 33rd Annual Drosophila Research Conference 1992.

--> List the Gene name:	and its Chromosome location:
W26	57B

KEYs 1-8: Please check off those boxes which describe THIS PAPER

Describe your results in detail on the reverse side.

- ☐ 1 Genomic or cDNA clones obtained.
- ☐ 2 Rearrangement breakpoints found in clone.
- ☐ 3 New location of transformed insert.
- ☐ 5 Sequence obtained.
- ☐ 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: 57B keys for this paper: 1, 5 o

Gene/mutant name: W26

abbreviation:

biochemical name/product:

(1) CLONES:

kb_genomic: ✓ 50 kb vector/library name: EMBL4 / Canton S

kb_cDNA: ✓ 2.3kb, 2.7kb vector/library name: gt10 3-12 h embryonic (Kauvar)

METHOD:

prior clone: walk:

expression: differential screen:

microclone: oligonucleotide: PCR?

homology: homology with cad homeobox transposon tag:

(2) REARRANGEMENTS:

(3) TRANSFORM INSERTS:

(5) SEQUENCE:

kb_genomic: accession number:

kb_cDNA: 2.3kb, 2.7kb accession number:

ORF-size:

ORF_function/homology group: homeobox

ORF_domains:

(6) TRANSCRIPT DESCRIPTION:

transcript_size: 2.7, 2.3 kb

distribution: embryos and larvae in hindgut, anal pads, nervous system

(7) PROTEIN ANTIBODY:

distribution: Same as RNA (see above #6)

(8) LAC Z FUSION STAIN:

distribution:

[redacted] any for hindgut formation

misc info: gene necessary for hindgut formation