2/6 Dec'd 4/5/90 LC

ABrFC075213

hup

210
aziani, F.
Genetica e Biofisia
Istituto Internazion
80125 Via Marconi 10
Napoli
Italy

Graziani F et al, Genetica e Biofisia, Istituto Internazion, 80125, Napoli, Italy

32CF

_____ location changes

225 Kb kb per location?

Genomic genomic or cDNA?

key details of cloning method

walk walk/jump

_____ homology

_____ transposon tag

_____ expression, etc

_____ oligonucleotide

_____ other (specify)

Is the reference correct? (changes?) YES

Your name F. GRAZIANI

telephone number _____

FAX number [redacted]

Please return to John Merriam, Biology Department,
University of California, Los Angeles, CA 90024
\X # [redacted]

210,626

UNIVERSITY OF CALIFORNIA, LOS ANGELES

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SANTA BARBARA • SANTA CRUZ

December 20, 1990

John Merriam
UCLA Drosophila Genmaps Database
DEPARTMENT OF BIOLOGY
405 HILGARD AVENUE
LOS ANGELES, CALIFORNIA 90024-1606
FAX [redacted]

FAX: [redacted]

Graziani, F.
Genetica e Biofisia
Istituto Internazion
80125
Napoli
Italy

Dear Colleagues:

I would like to use information from the clone list to construct a "physical map" of the Drosophila genome. You have (a) clone(s) listed, as described below, so I would like to enlist your help. What I need for this project are the names and locations of chromosome rearrangement breakpoints that lie within the region of your clone/walk. Mapping breakpoints is the most reliable way of connecting the molecular with the cytological scales.

As you know, the clone list has been useful to Drosophila workers in finding starting points for their walks. The database is organized by references, so that the original cloning paper from a lab is cited as key #1, with subsequent papers cited by subject (key #5 is sequence information, for example). 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. It will be most useful if you can update your clone sizes and make more exact your clone locations. Make any other changes you want also. List the rearrangements and which breakpoints you have identified. Any cytologically visible rearrangement (deletion, inversion, translocation, transposition, duplication) is useful. Please indicate if the same citation is the best reference, or indicate a better one (or a personal communication).

I thank you for your help as always. With your prompt and generous support I can expect to show you the results in March at the Chicago fly meeting.

List Rearrangements :	Breakpoint found:	Other breakpoints:

CHANGE or CONFIRM indexing for original clone cit'n: Locations __ Clone sizes __ Names/Products __

Graziani F et al, Genetica e Biofisia, Istituto Internazion, 80125, Napoli, Italy

Location;32D-F [illegible] cDNA 1 [illegible] 32E
Gigliotti
et al. 1989, Genet. Engineering, 10, 33-41

Location	Key	kb gen cDNA	Gene name (abbreviation) product rearrangements...
32CF	1,6	225 0	oocyte specific TU (osTU)

Changes

present records

loc	key	size	name	SW
CF	1,6	225	oocyte specific	210
DEF	1	200	held up daughterless abnormal oocyte (hup; da; abo)	626 ~~2~~
[illegible]	5,6		vitelline membrane protein (vm32E.1)	626

change to OK

loc	key	size	name	SW
→ ✗				
32DEF	1	200	held up daughterless abnormal oocyte (hup; da; abo)	210 (replaced by 626)
32E	1,5,6	1 comp	vitelline membrane protein (VMP 32E)	626