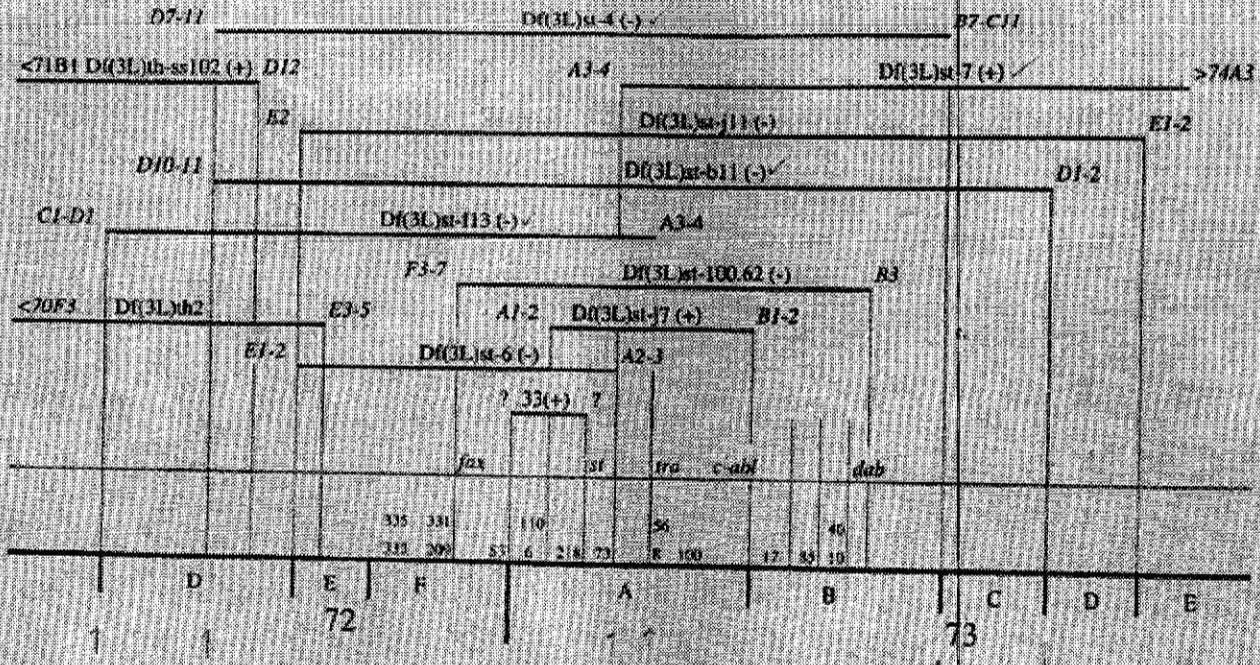
FBrf 0104941

V Bedian
2nd October 1998
rd3205

MAP OF 72F-73A



Mutants were EMS generated against st100.62 or st6 deficiencies and are represented by numbers, eg 8, 100, 218, etc.

Lethals were mapped by crossing to deficiencies (breakpoints from the literature). They are maintained over TM6B.

33 is probably a small deficiency, because of its complementation pattern.

Mutant 8 homozygotes die as embryos close to hatching missing mouth parts. This defect may not be due to the lethal mutation at73A, because 8/Df(3L)ete embryos don't have the same phenotype (preliminary). Also 110 is non-complementing but has different phenotype.

Non-complementing mutants are: 8 and 110; 8 and 56; 10 and 40; 331 and 209; and 333 and 335.

From [redacted] **Fri Oct 02 21:12:17 1998**
From: Kevin Cook <[redacted]>
To: [redacted]
Subject: Bedian 72F-72A lethals
Date: Fri, 02 Oct 1998 15:11:16 -0500

Hi Rachel--

We recently received a set of stocks from Vahe Bedian. The screen was never described in the literature and will not be published in the future. He isolated lethals in 72F-73A that failed to complement Df(3L)st100.62 and Df(3L)st6. I will fax the summary diagram he sent me.

He placed his mutations into complementation groups, but did not name the complementation groups. I proposed that he give them standard names according to cytological subdivision. He thought this was a good idea. A list of his stocks is given below with the names I've proposed:

l(3)72Fa[333]/TM6B
l(3)72Fa[335]/TM6B
l(3)72Fb[331]/TM6B
l(3)72Fb[209]/TM6B
l(3)72Fc[53]/TM6B
l(3)73Ak[110]/TM6B
l(3)73Ak[6]/TM6B
l(3)73Al[218]/TM6B
l(3)73Am[73]/TM6B
l(3)73An[56]/TM6B
l(3)73An[8]/TM6B
l(3)73Ao[100]/TM6B
l(3)73Bf[17]/TM6B
l(3)73Bg[85]/TM6B
l(3)73Bh[40]/TM6B
l(3)73Bh[10]/TM6B
Df(3L)VB-33/TM6B

Please let me know if these names meet your approval or if you would rather have different names. I'll pass your comments on to Vahe and make the necessary changes before these stocks are put on our stock list. Of course, this will require a little curation work on your end.

Here are Vahe's answers to a few questions (from our correspondence 9/29/98):

>Have you ever tested your mutations
>against previously isolated mutations in the region? (If any failed to
>complement, it would obviously affect how your stocks are named.)

Unfortunately, I have never tested these mutants against previously isolated mutants. We just did the deficiencies for the purpose of mapping.

>Other questions:
>
>1. Is mutation 73 an allele of st, or do they just map close together? It
>isn't clear from the figure you sent along with the stocks.
>2. Likewise, are mutations 56 and 8 alleles of tra, or do they just map
>close together?

Both of these just map to the same region as defined by the deficiency breakpoints. I have never looked at 73/st or 56/tra or 8/tra.

Do you need any other info?

Kevin

Kevin Cook, Ph.D.
Department of Biology
Jordan Hall
Indiana University
Bloomington, IN 47405-6801

Bloomington Drosophila Stock Center
[redacted]

From [redacted] **Mon Oct 05 11:58:51 1998**
From: Rachel Drysdale (Genetics) <rd[redacted]>
To: [redacted]
Cc: [redacted]
Subject: Re: Bedian 72F-72A lethals
Date: Mon, 5 Oct 1998 11:59:27 +0100

Hi Kevin,

>I will fax the summary diagram he sent me.

Got the fax, thanks.

>Please let me know if these names meet your approval or if you would rather
>have different names.

The symbols are things of beauty, with the possible exception of Df(3L)33. We already have a Df(3L)33f1, so I would prefer it if Df(3L)33 were known as Df(3L)VB-33 or similar. Let me know if that is OK.

>this will require a little curation work on your end.

No prob. I will curate the fax as a personal communication from Vahe Bedian, and include internal notes that the symbols were decided upon between you and VB.

Rachel.

From [redacted] **Mon Oct 05 15:45:47 1998**
From: Kevin Cook <[redacted]>
To: Rachel Drysdale (Genetics) <[redacted]>
Subject: Re: Bedian 72F-72A lethals
Date: Mon, 05 Oct 1998 09:44:50 -0500

Rachel--

Df(3L)VB-33 sounds wonderful to me.

Thanks for looking after the information!

Kevin

At 11:59 AM 10/5/98 +0100, you wrote:
>Hi Kevin,
>
>>I will fax the summary diagram he sent me.
>
>Got the fax, thanks.
>
>>Please let me know if these names meet your approval or if you would rather
>>have different names.
>
>The symbols are things of beauty, with the possible exception of
>Df(3L)33. We already have a Df(3L)33f1, so I would prefer it if
>Df(3L)33 were known as Df(3L)VB-33 or similar. Let me know if that is
>OK.
>
>>this will require a little curation work on your end.
>
>No prob. I will curate the fax as a personal communication from Vahe
>Bedian, and include internal notes that the symbols were decided upon
>between you and VB.
>
>Rachel.
>
>

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[redacted]