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THE UNIVERSITY OF BRITISH COLUMBIA

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Fax: [redacted]

July 20, 1995

Dr. M. Ashburner
Department of Genetics
University of Cambridge
Downing Street
Cambridge, CB2 3EH
England

Dear Dr. Ashburner,

Tom Grigliatti has been away at Gunter Reuter's lab in Germany and is now on vacation so I have taken the liberty of responding to your request for more information on the *da* alleles we have isolated over the past several years.

As indicated on the following page all of the alleles were picked up in screens for lethals over various deficiencies. Our naming system is quite straight forward: E = EMS ; G = gamma rays; the number following those beginning with either E or G refers to the deficiency over which it was isolated 2 = Df(2L)27 ; 1 = Df(2L)106. da^{18} was picked up in an EMS screen before I came to the lab and I not sure which deficiency was used. If this information is required then I can dig it up for you. In addition we recovered one allele in a P screen over Df(2L)77 but we have not tried to revert it nor have we done an *in situ* to determine whether a P element is still present at the *da* site.

The only publication referring to these mutations is that in Genetics 134:221-230 (May, 1993).

If you have any further question regarding the forgoing please don't hesitate to contact me. My email address is [redacted].

Yours truly

Randy Mottus

da Conversion

Information provided to M Ashburner

Original Name	New Name	Mutagen
E2-20	da^{12}	EMS
E2-24	da^{13}	EMS
E2-30	da^{14}	EMS
E2-35	da^{15}	EMS
E1-21	da^{16}	EMS
E1-26	da^{17}	EMS
F75	da^{18}	EMS
G2-10	da^{19}	Gamma
77-11	da^{20}	P Screen

All the alleles were picked up as lethals over various deficiencies and are lethal with a strong *da* allele. No further characterization was done.