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FAX MESSAGE

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From: Ernesto Sánchez-Herrero

To: Dr. Michael Ashburner

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Number of pages: 3

Dear Michael,

I am sorry for causing so much trouble with the stocks that I sent to Umea. I only did it in case somebody working in that region could make use of them.

They are EMS or ENU-induced lethals (over DfP115), that were located as to lethality with some deficiencies of the region: Dfbxd100, DfP10, Df109, DfP9 and DfC4. They were tested also for complementation between them. I include a complementation map. The order of complementation groups within each interval delimited by the deficiencies is arbitrary except for the group beginning with M1610, which is lethal over the transposition Tp(3;1)P115, and therefore, over the left breakpoint. The names of the lethals have not changed. The synonym of those named l(3)89Ea (as is described in the red book), is l(3)1b, and not l(3)11b. The reference for l(3)89Ea is Sánchez-Herrero et al., Nature 313, 108-113 (1985). The one described as l(3)M72 should be l(3)M172, and was induced with EMS and not with ENU.

Df(3R)C1 is a deficiency induced with EMS and that removes part of the Ultrabithorax and abdominal-A genes. In the red book it is referred to as Df(3R)Ubx-C1, so it should be changed to this name. The cytology is 89E1-2; 89E1-2 and the references are Casanova et al., EMBO J. 7, 1097-1105 (1988) and Rowe and Akam, EMBO J. 7, 1107-1114 (1988).

Tell me if you have any other question.

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Best regards,

Ernesto Sánchez-Herrero

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