(FBcF0079811)

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02.05.1995

To: Dr. Rachel Drysdale
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Dear Rachel

Thank you for your information about *mbm*. I looked at the abstract. It suggests but does not definitively claim the identity of *plc21* and *mbm* (on the basis of indirect arguments). We now have a null of *plc21* which complements *mbm*. Given the awkward genetics in this region of the genome even this erratum remains somewhat tentative. By the way, the null of *plc21* also cmplements the lethality of the Heitzler-mutants ($l(2L)Ca_{1-3}$). These definitely are different genes by this criterion. Furthermore, we found that the stock from which P. Heitzler generated his mutants already carries a mutation in the *mbm* gene. Thus, even *mbm* and the lethal of Heitzler probably are different genes.

Sorry for so much confusion. I would appreciate very much if you would kindly delete in *FlyBase* the statement that these 3 genes are the same. We are in the process of cleaning up this mess (if we can) and will let you know the results.

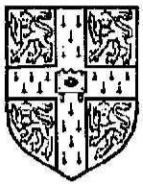
Yours,

Martin

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In case of query please phone [redacted] immediately

1st May, 1995

Dear Dr. Heisenberg,

Kim Kaiser was speaking to me last Friday and told me that you had been looking at the mbm entry with him in FlyBase. He tells me that you spotted an error in that there is no evidence that mbm actually encodes a product with the following activity:

1-phosphatidylinositol-4,5-biphosphate phosphodiesterase == EC 3.1.4.11.

Kim said that you could not know this as mbm has not been cloned and sequenced.

I have been following back the references in an effort to get to the bottom of this. The EC number data came to FlyBase from the Swissprot database, as data for the Plc21C gene. I found that the following reference suggests that mbm and Plc21C (and l(2)21Ca) all correspond to the same locus, based on phenotypic and complementation data:

FBrf0075905 == Albert et al., 1994, Abstr. Europ. Symp. Dros. Neurobiol. 5: 56

As you are the second author of this abstract I feel sure that you can tell me which piece (or pieces) of data is not well founded!

yours sincerely,

Rachel 

Rachel Drysdale.

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