cy1197.

AB+0136685

From [redacted] **Thu Jun 14 17:25:47 2001**
From: Claude Desplan <[redacted]>
To: Chihiro Yamada <[redacted]>
Subject: Pan R7
Date: Thu, 14 Jun 2001 12:25:17 -0700

Dear Chihiro:
There is only one construct call Pan-R7, that drives Gal4. The tetanus toxin was driven by this construct under UAS control (Pan-R7-Gal4 X UAS-TT).
Ali Tahayato made the promoter construct in my lab. It consists of the proximal part of the rhodopsin 4 promoter attached to the distal part of the rh3 promoter. These two promoters are from genes expressed in complementary subsets of R7 cells distributed stochastically in the main part of the retina. Pan-R7 becomes expressed in all R7 with fairly high specificity.
The exact construct is below: rh3 promoter from -160 to -56, attached to rh4 promoter -63- to +85
Please call me if you have any further question.

4012df2.jpg

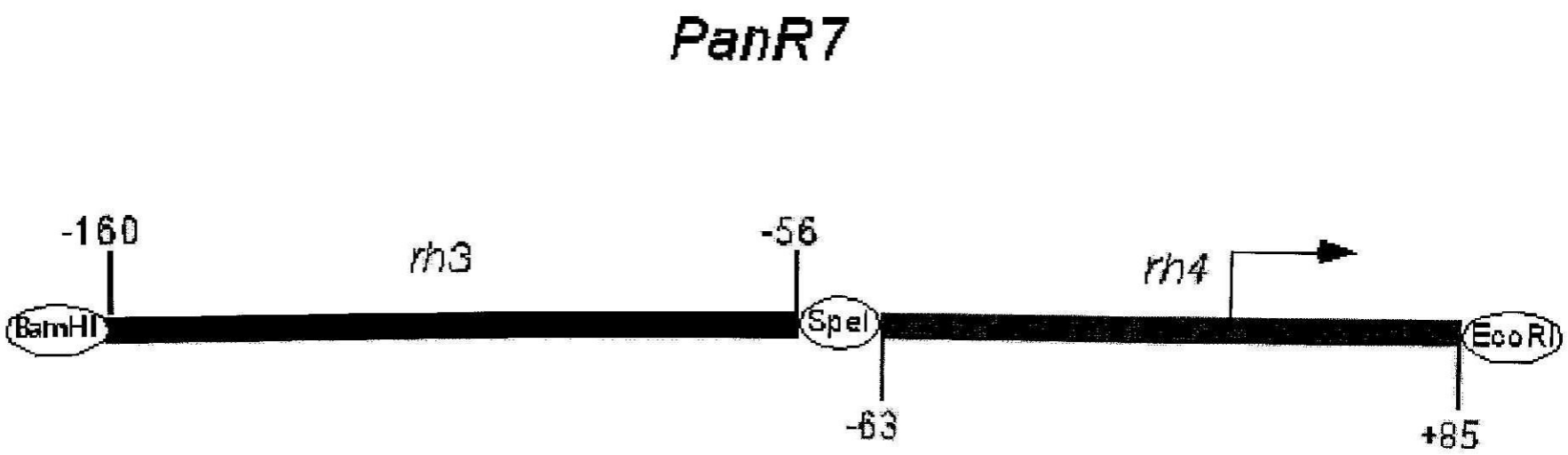
At 06:39 PM 06/08/2001 +0100, you wrote:
Dear Dr Desplan
I am currently curating a paper for FlyBase:
Lee et al. 2001 Neuron 30(2): 437--450
Lee at al using a PANR7 promoter to drive expression in two constructs - GAL4 and tetanus toxin light chain. They cite you as the source of this promoter fragment. Can you give me some details about this promoter. What gene was this promoter derived from, and what fragment does it comprise of?
Thanks for your help,
Chihiro

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<This message contains 2 attachments (not printed)>


PanR7
-160
rh3
-56
rh4
BamHI
SpeI
EcoRI
-63
+85