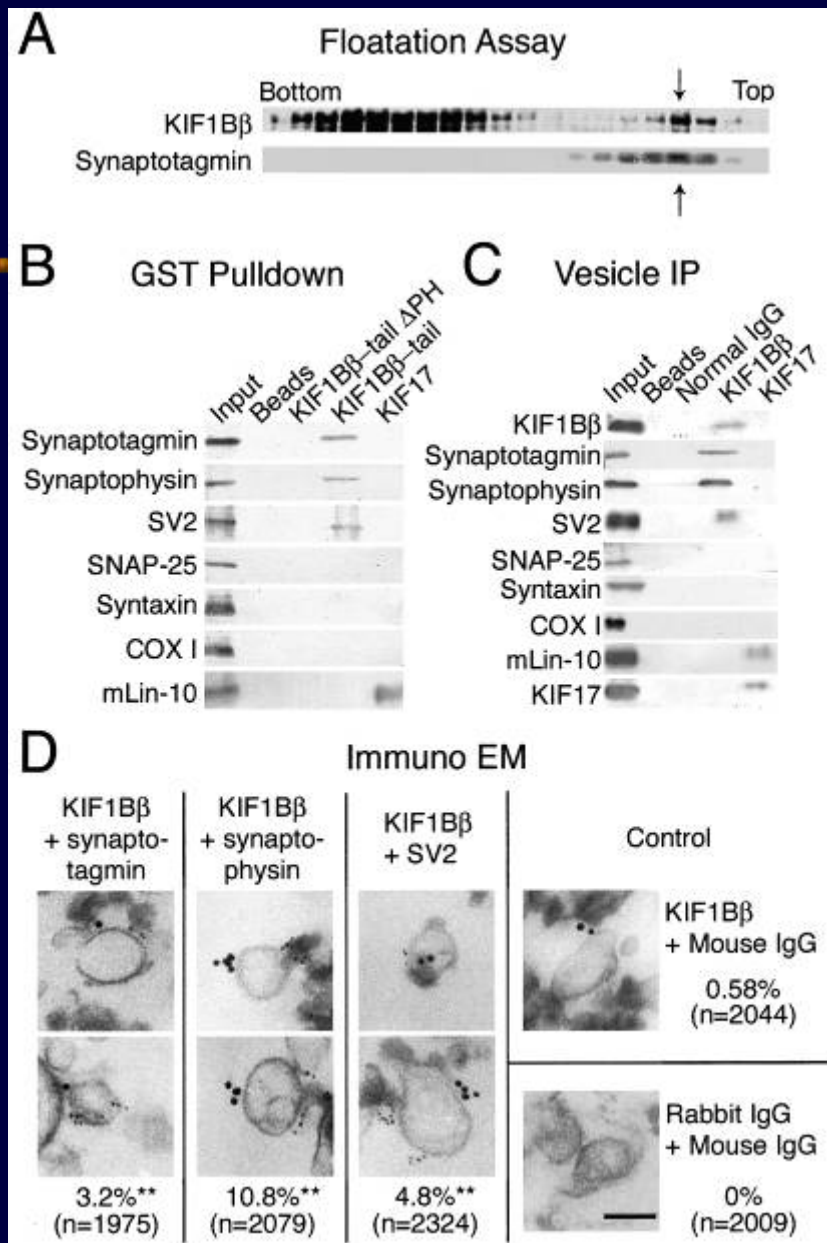
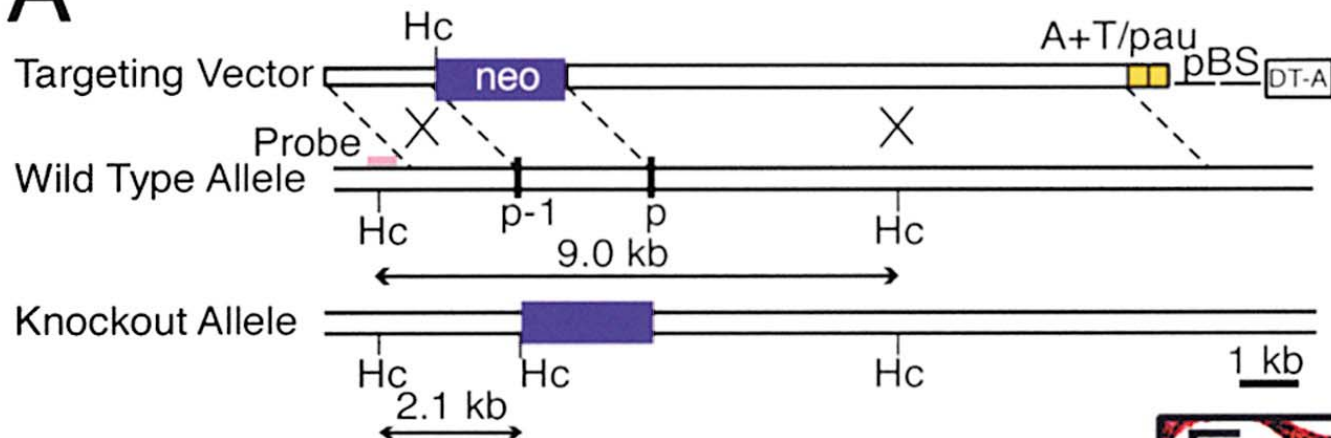
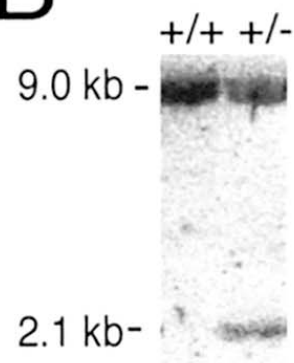
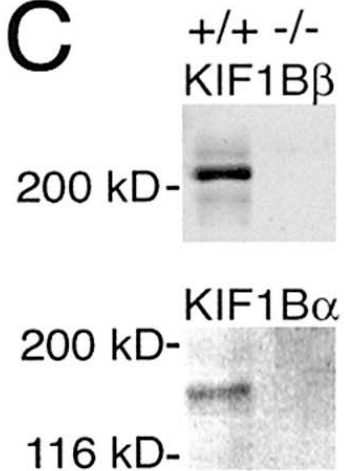
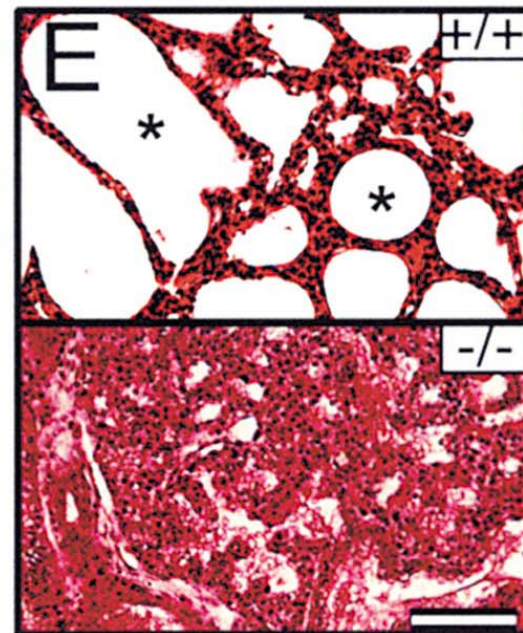
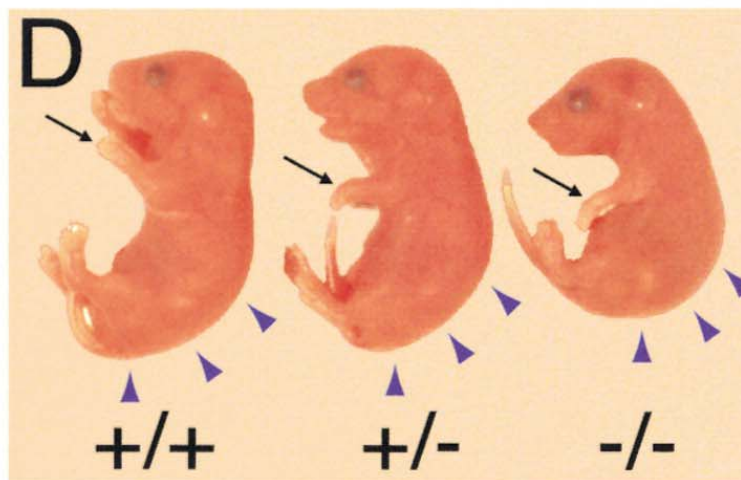
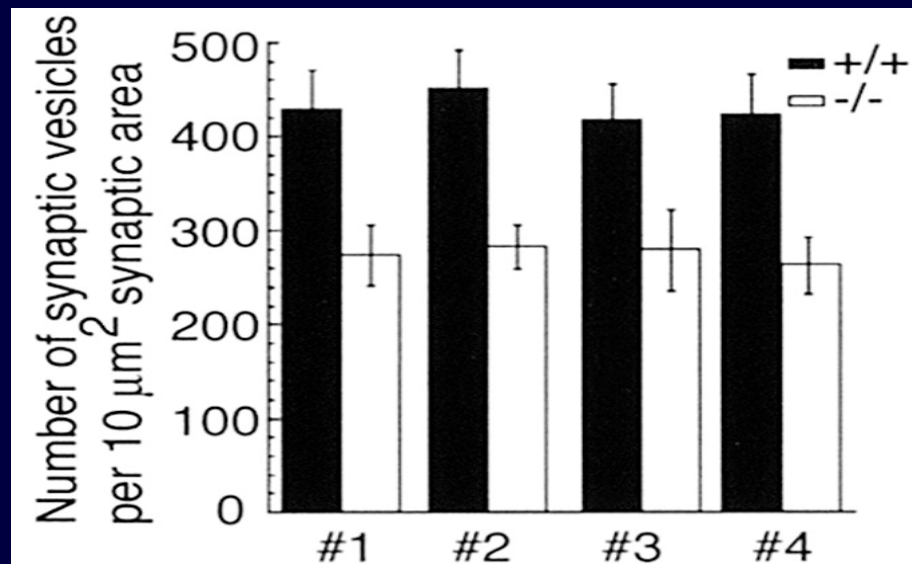
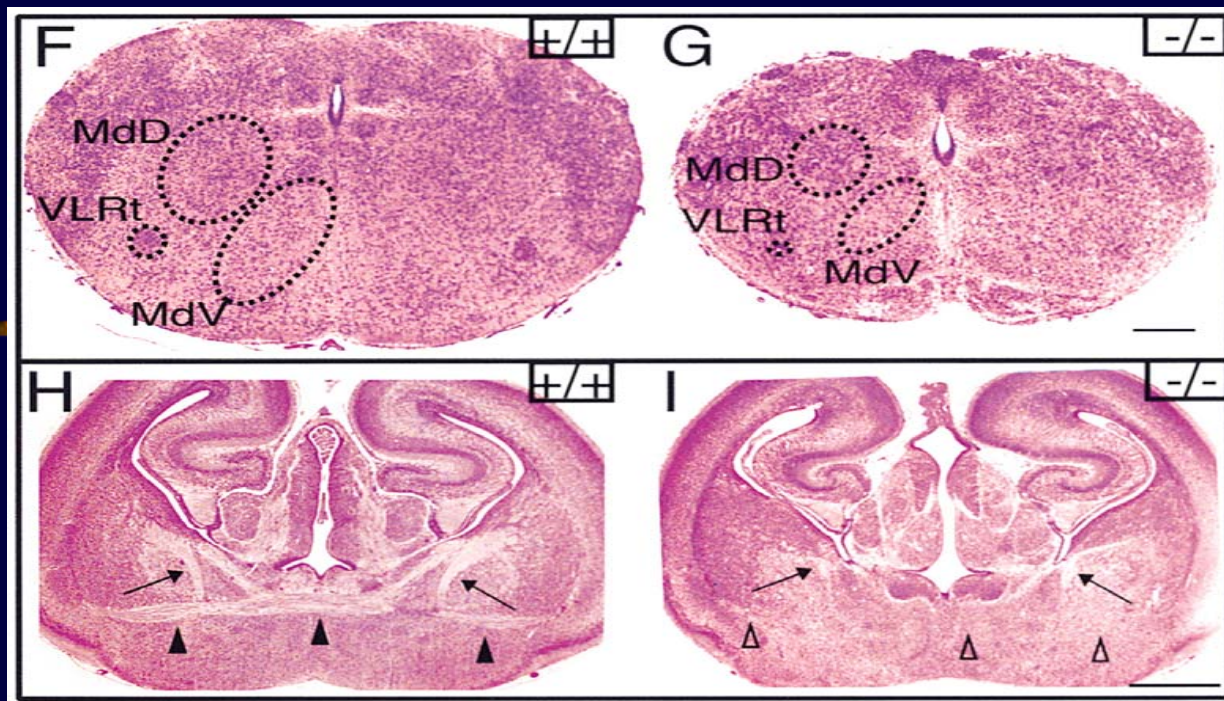
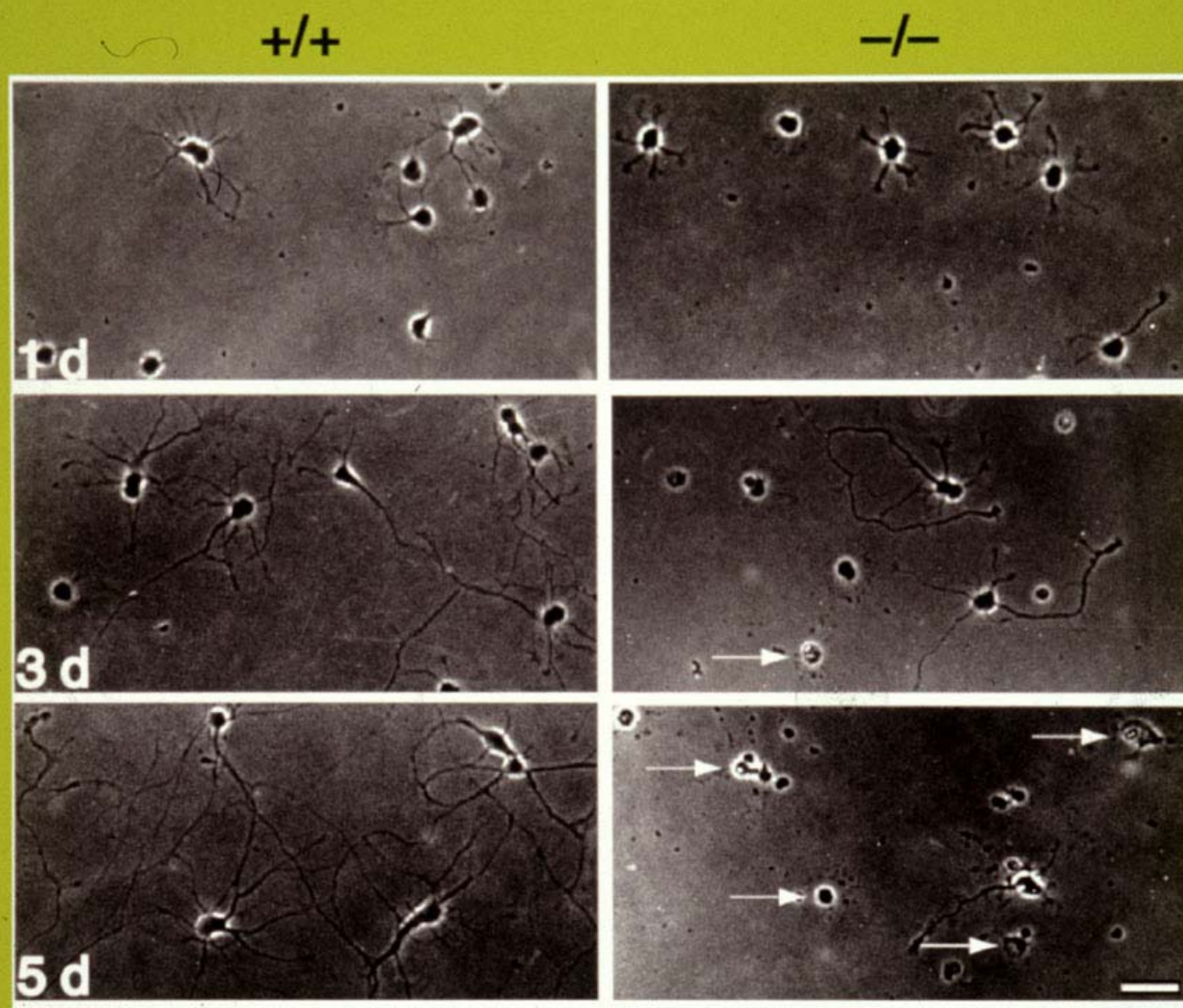


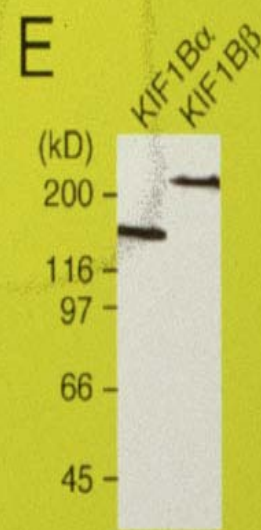
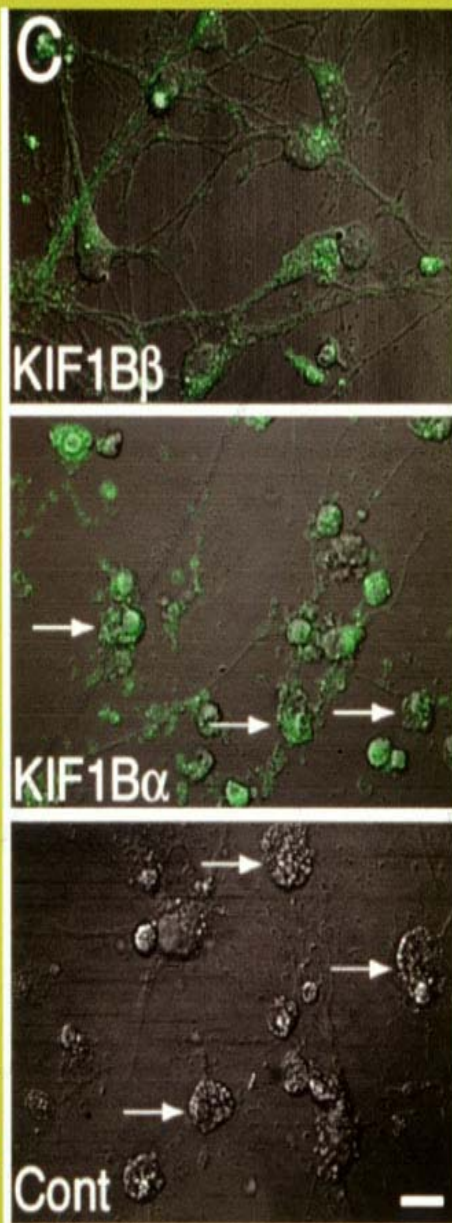
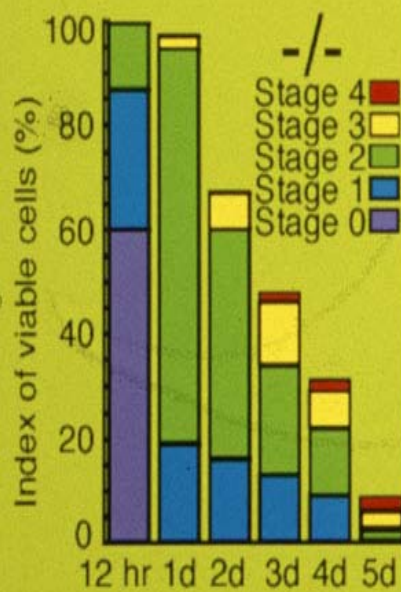
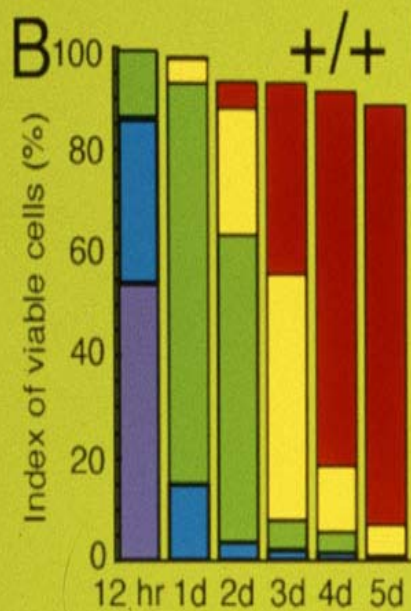
Zhao et al. Cell 105:587-, 2001



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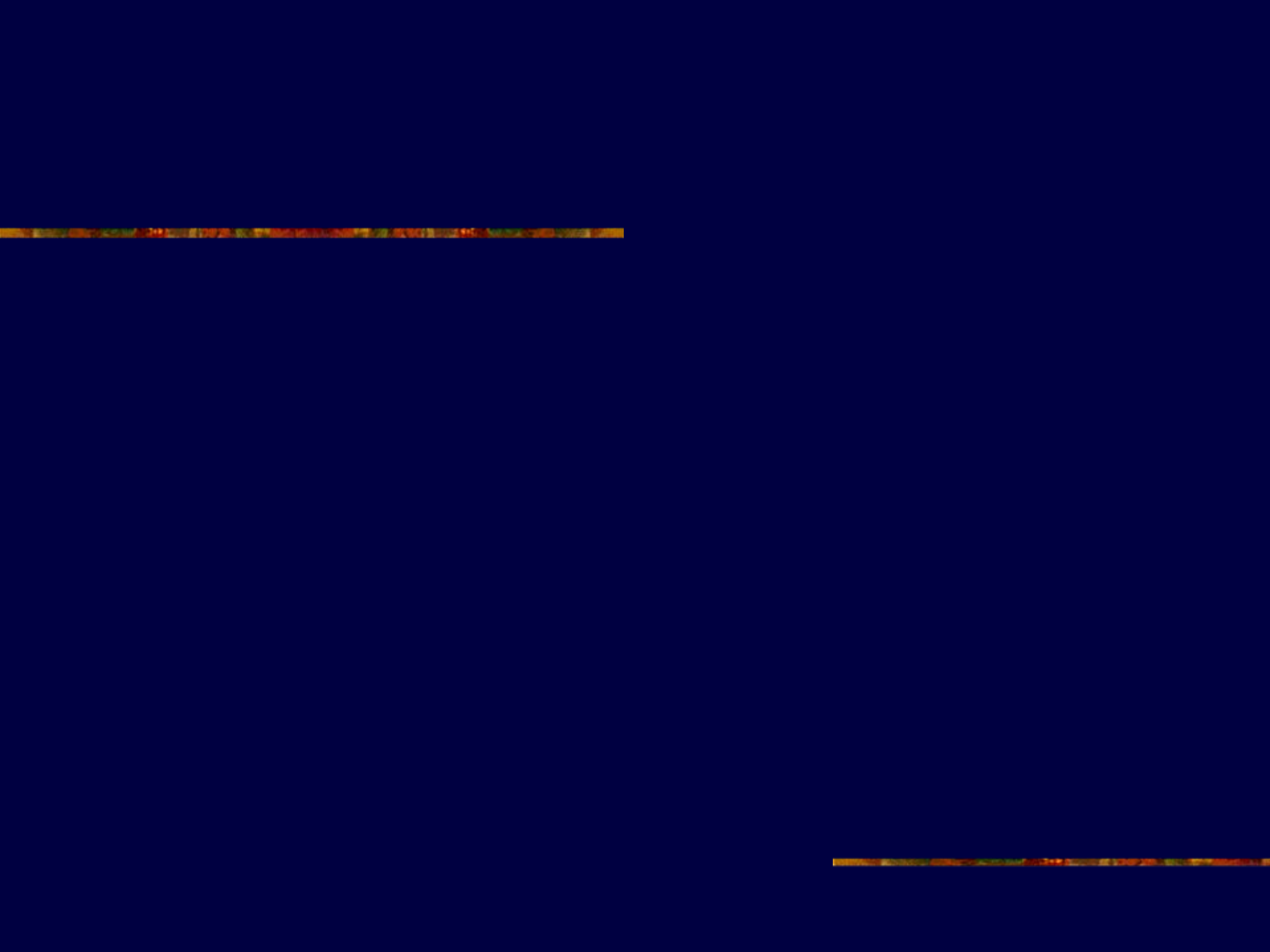
Cell

Volume 142 Number 6

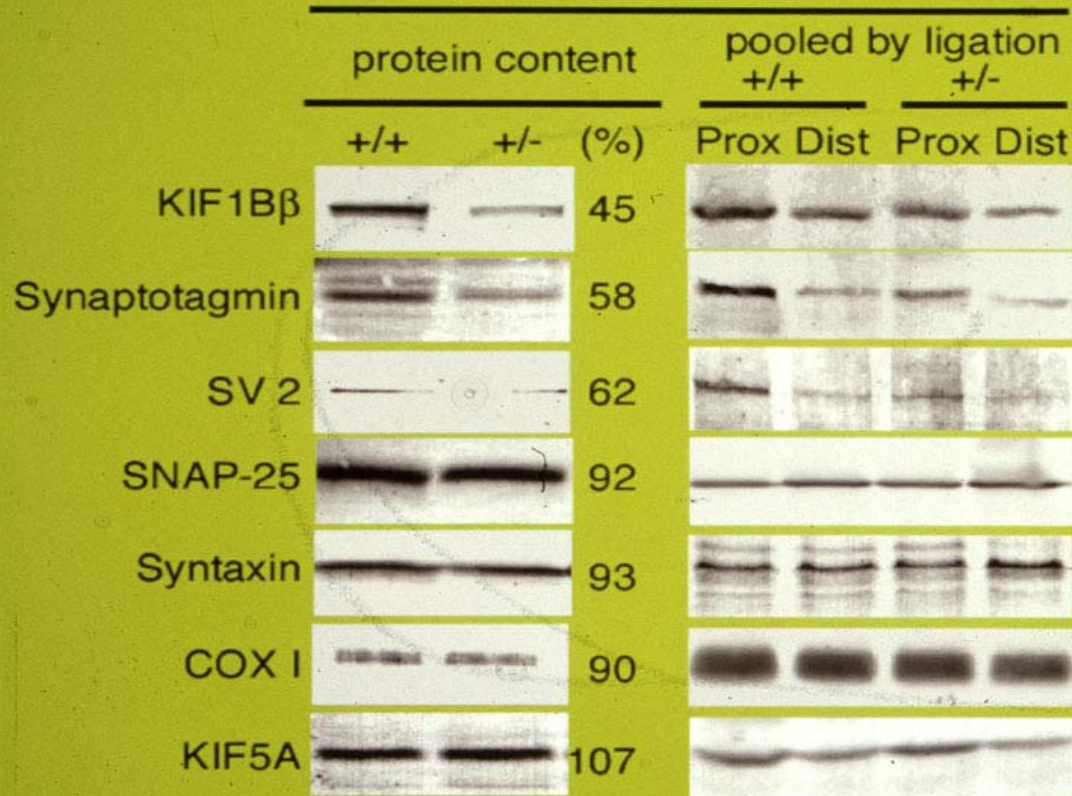
June 7, 2012



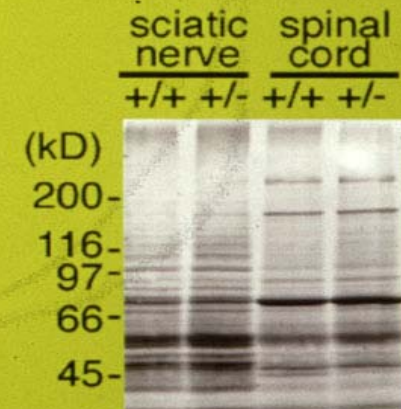
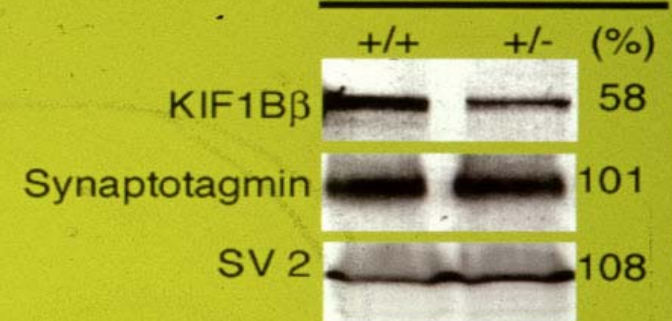
Kinesin in Peripheral Neuropathy

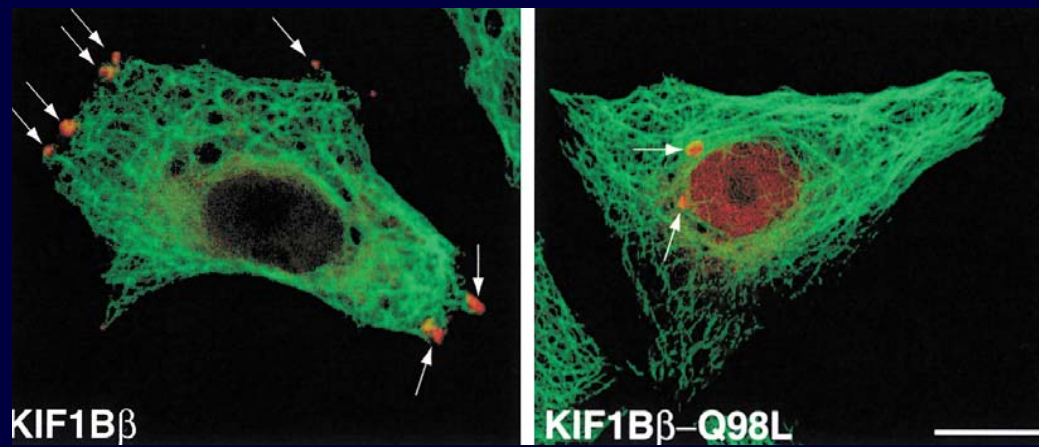
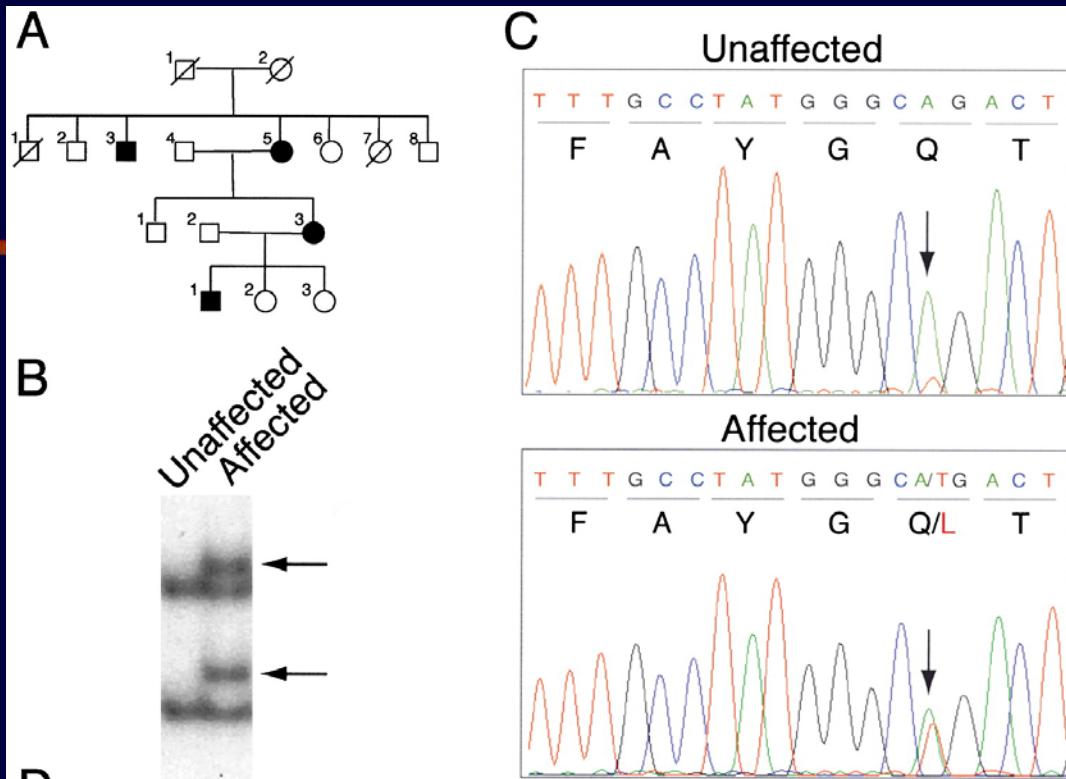


sciatic nerve



spinal cord



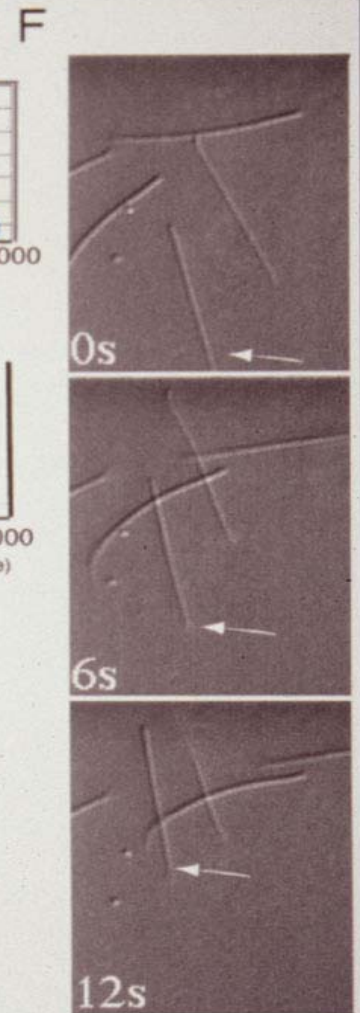
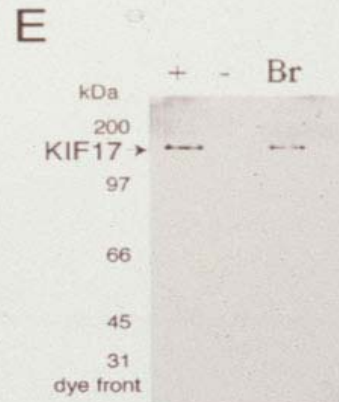
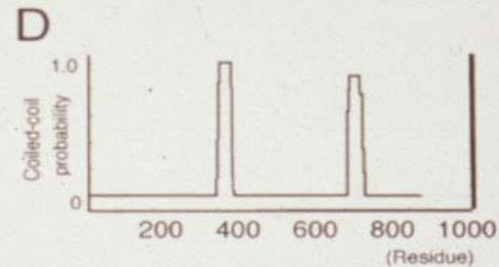
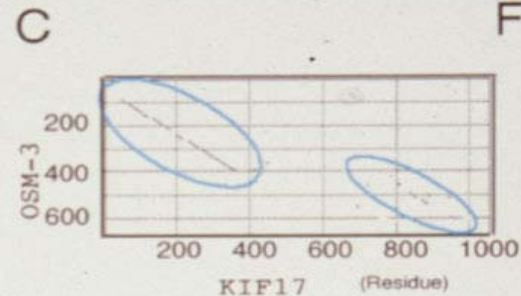
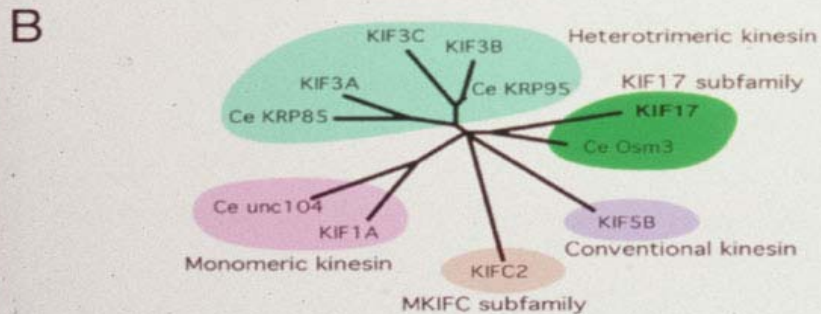


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Reprint Series

Science

9 June 2000

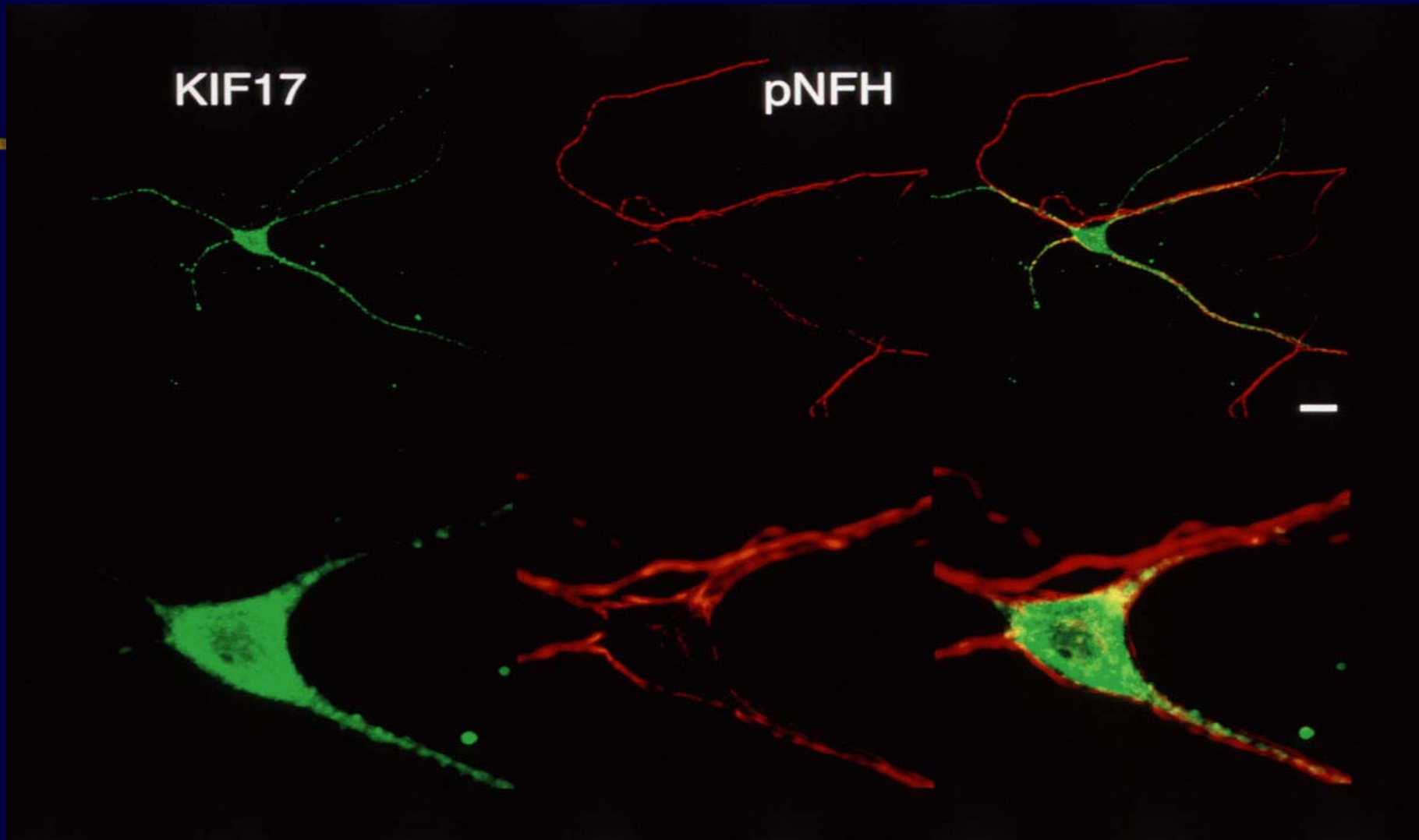
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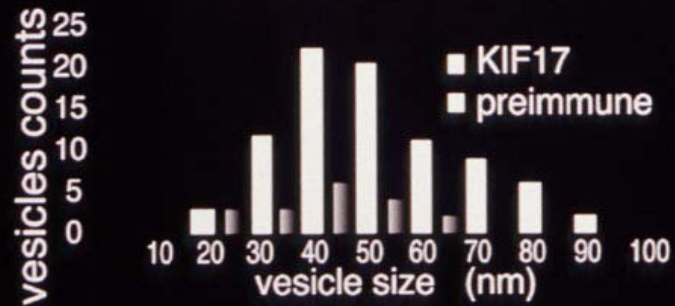
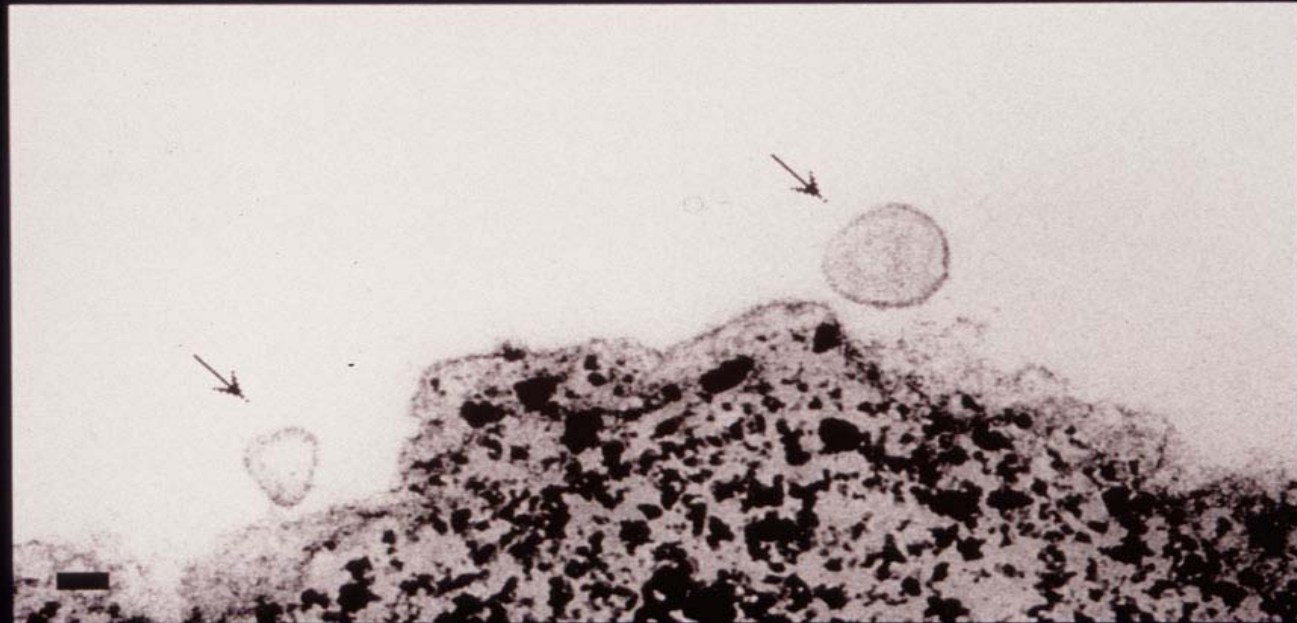


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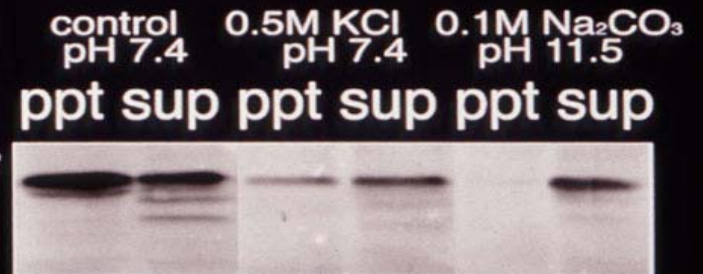
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pNFH





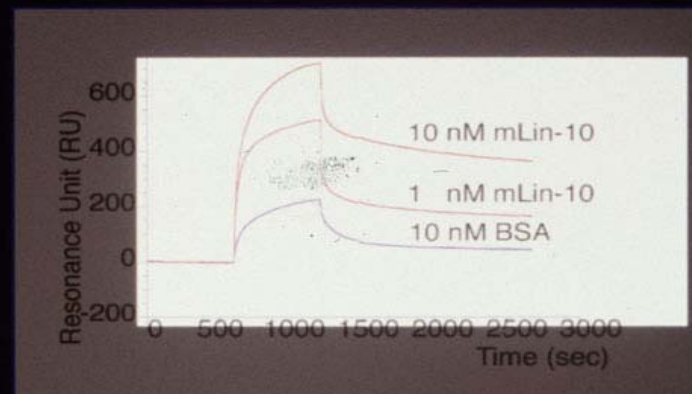
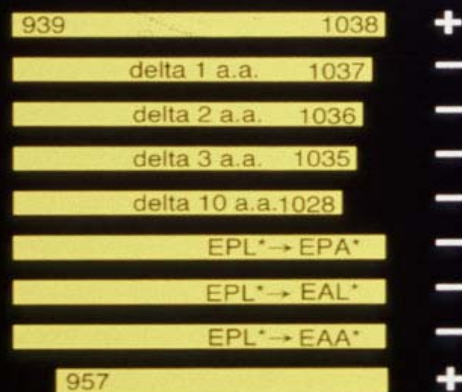
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Yeast Two Hybrid



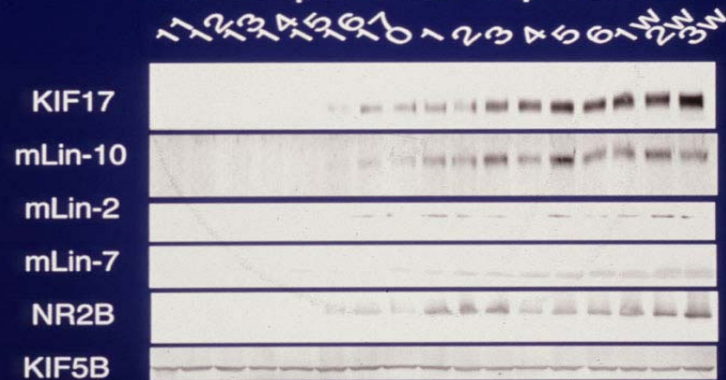
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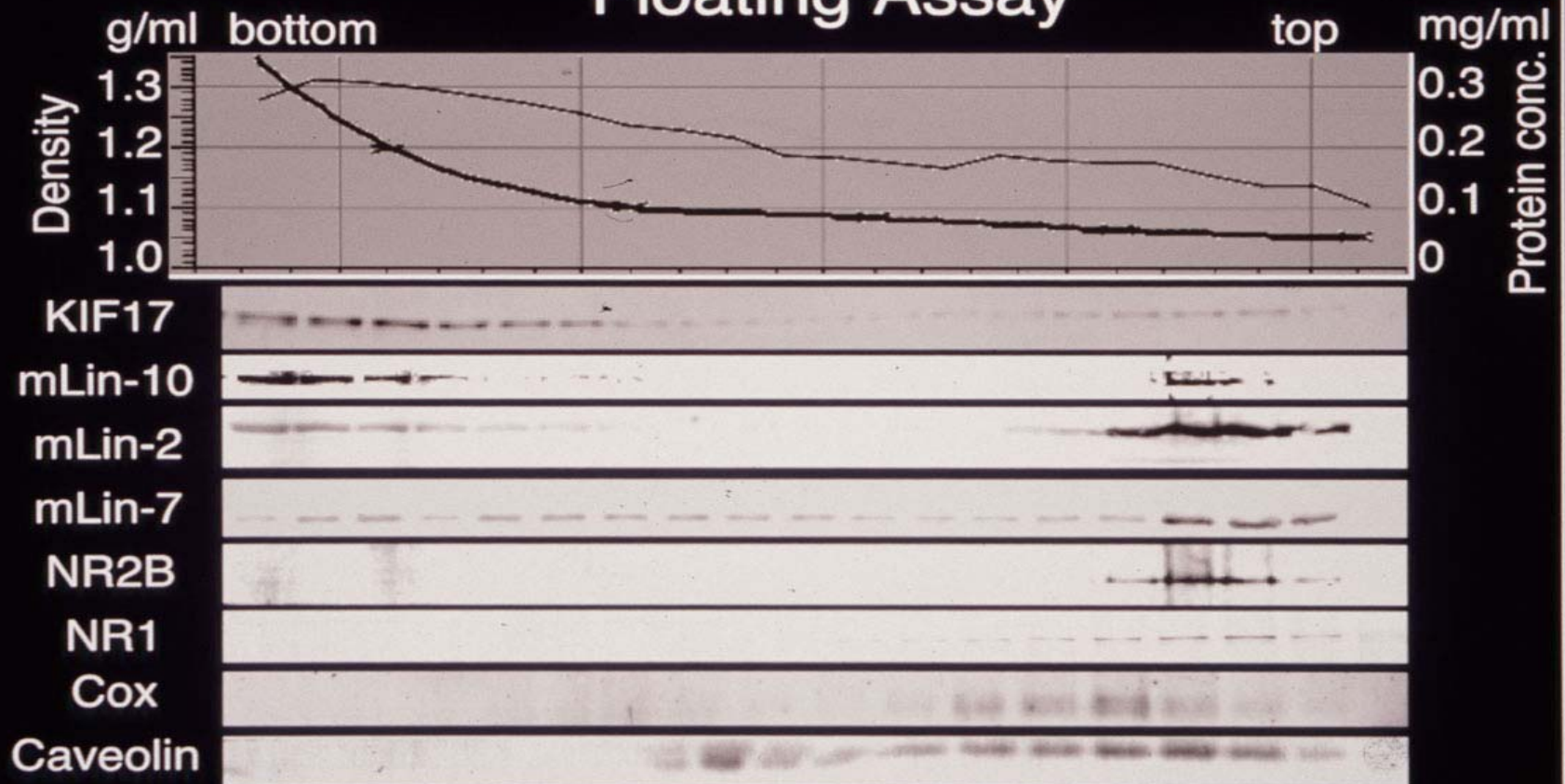
mLin-10 makes protein complex



Developmental expression



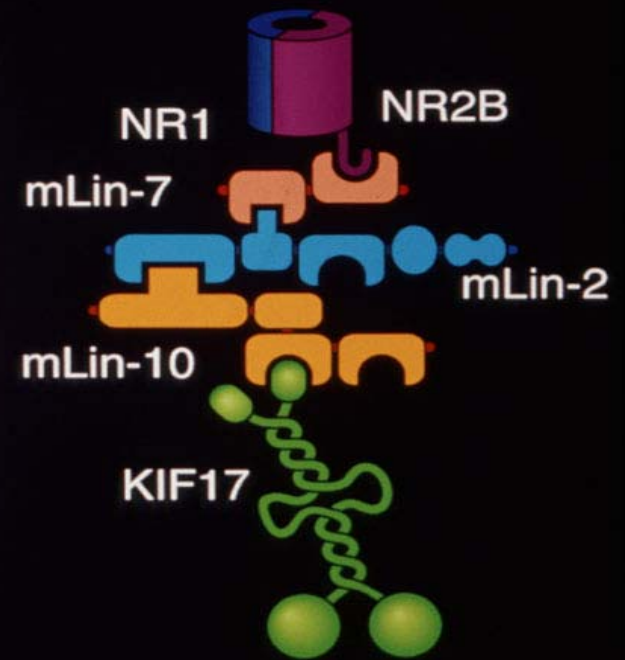
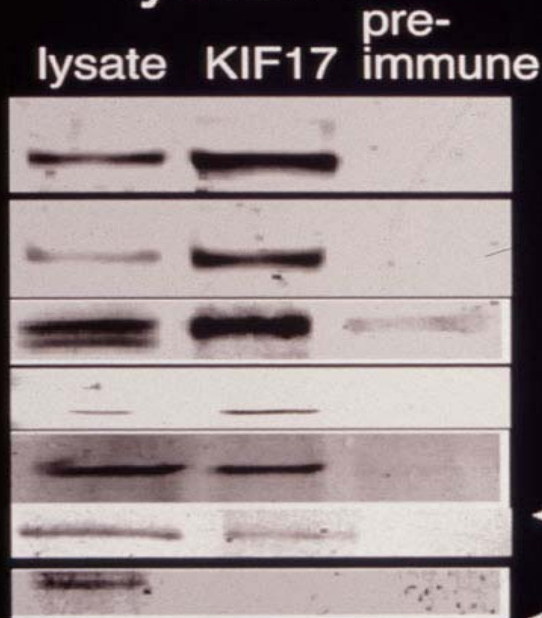
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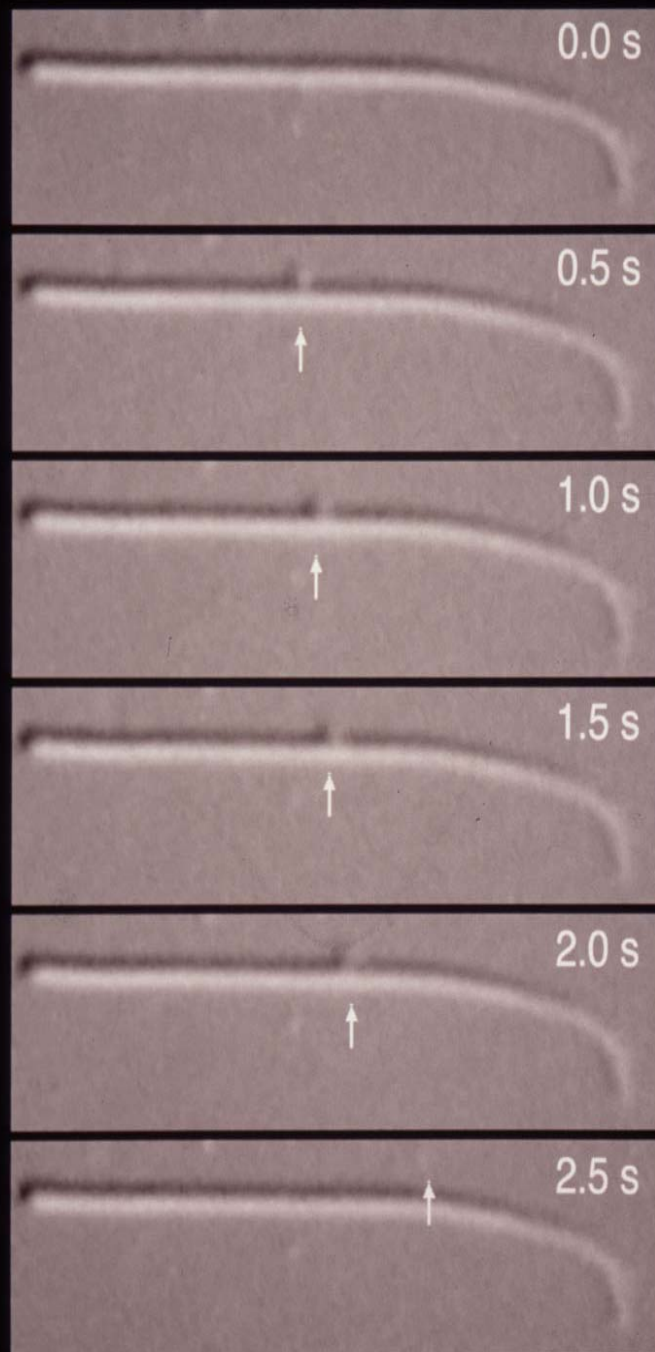


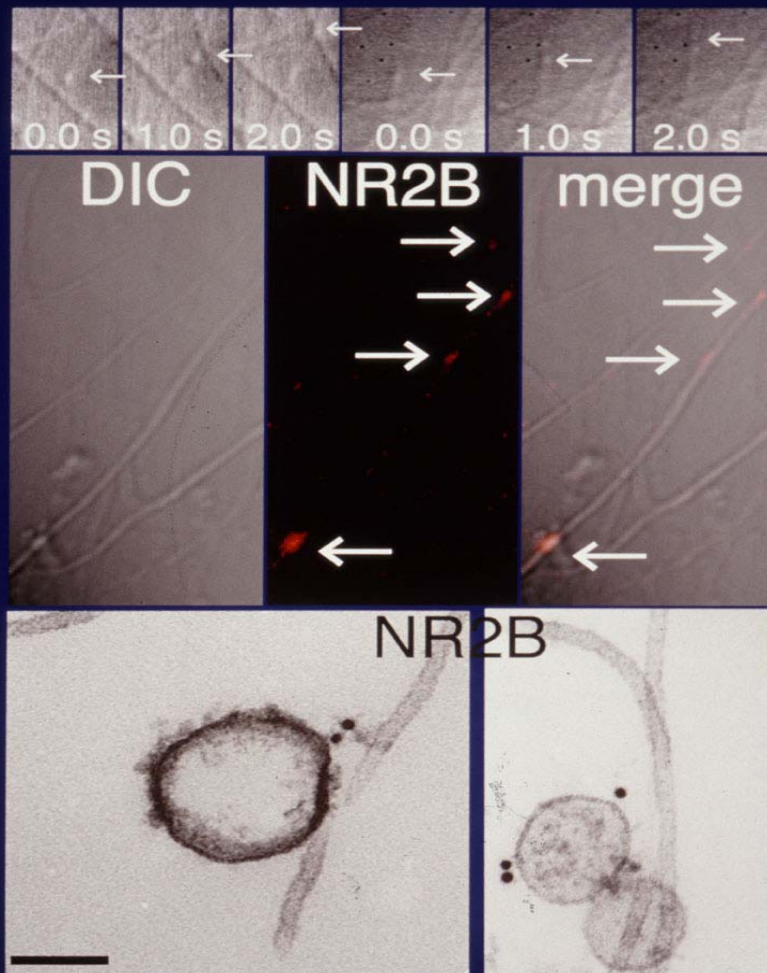
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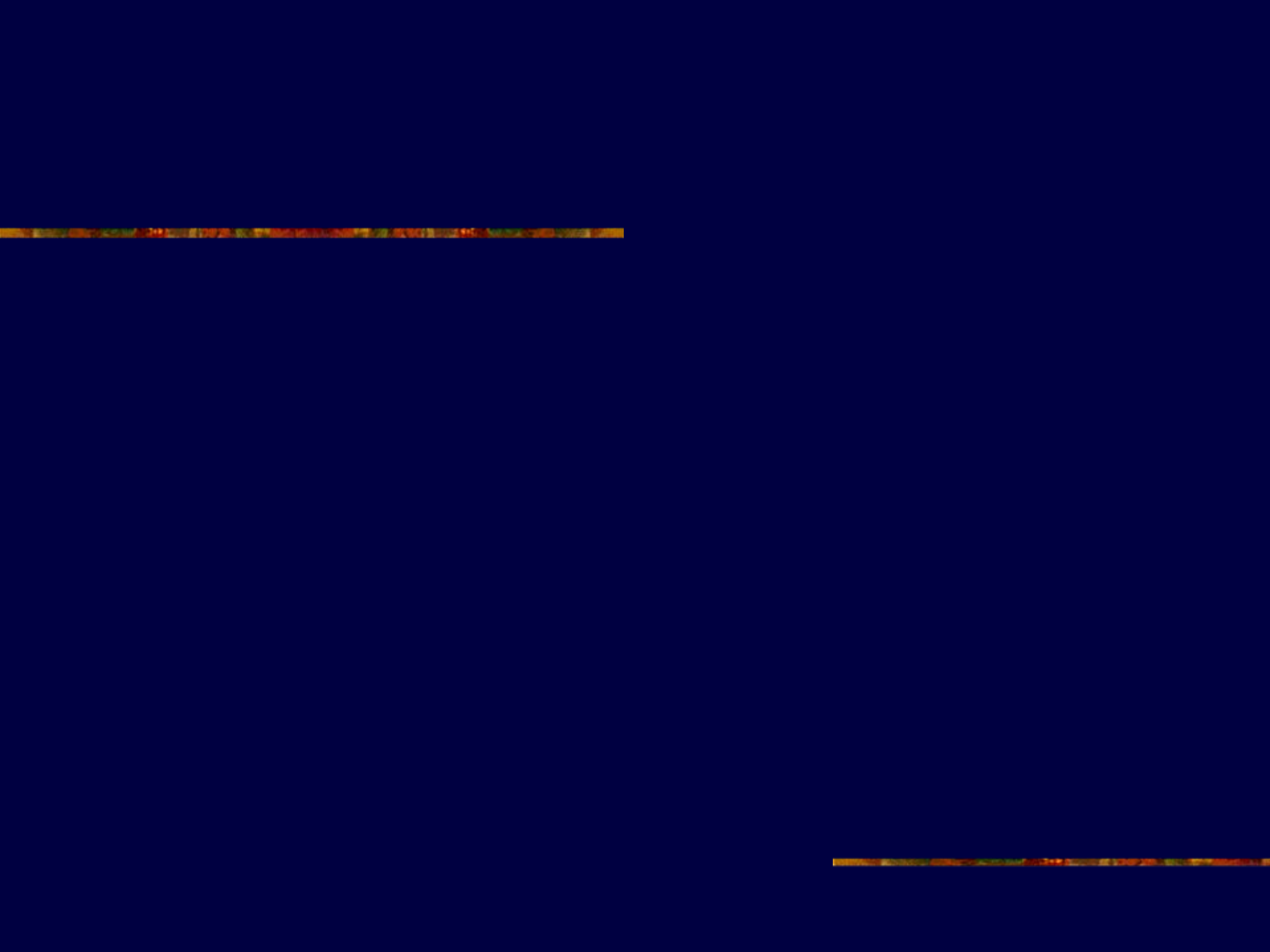
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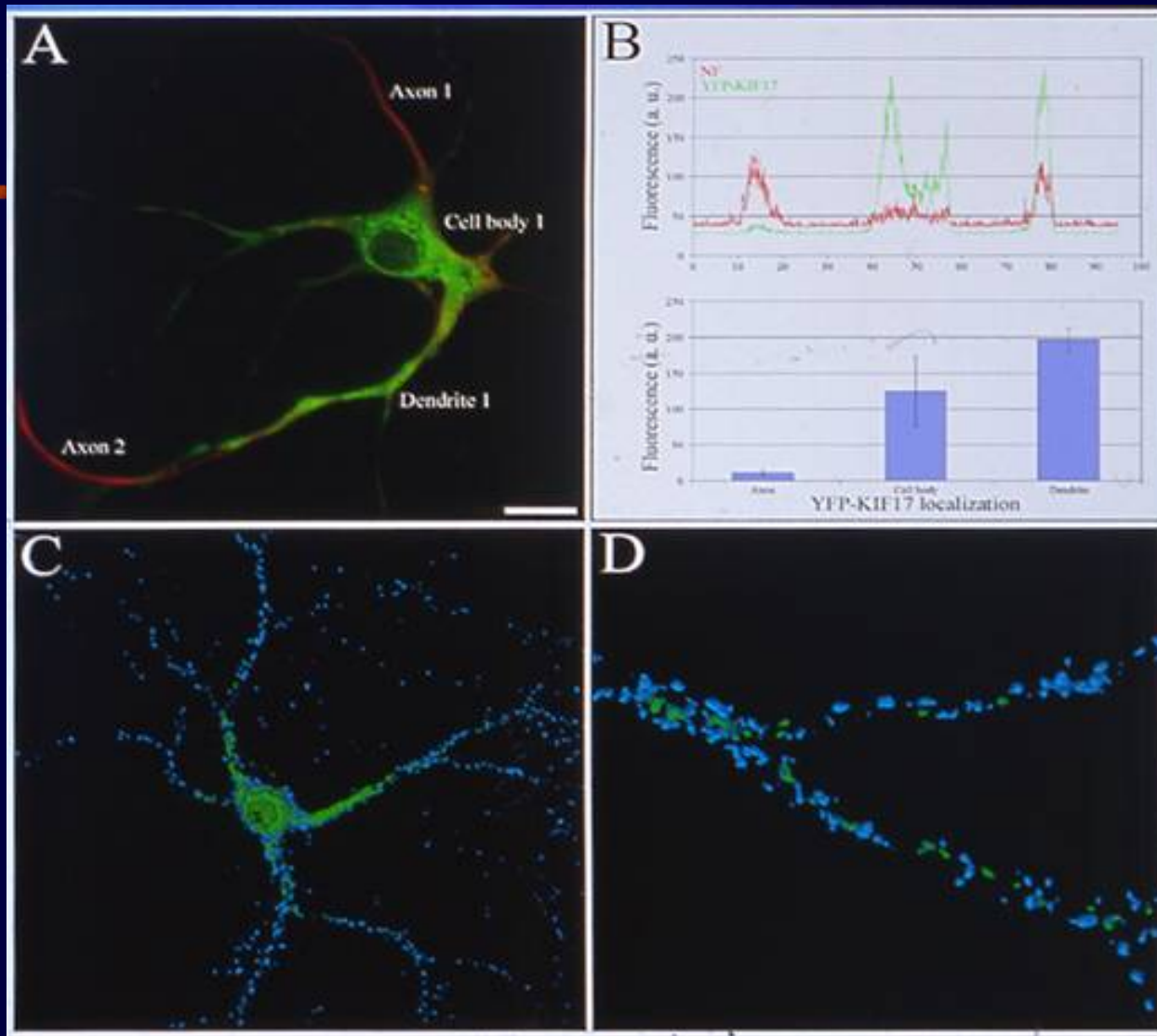
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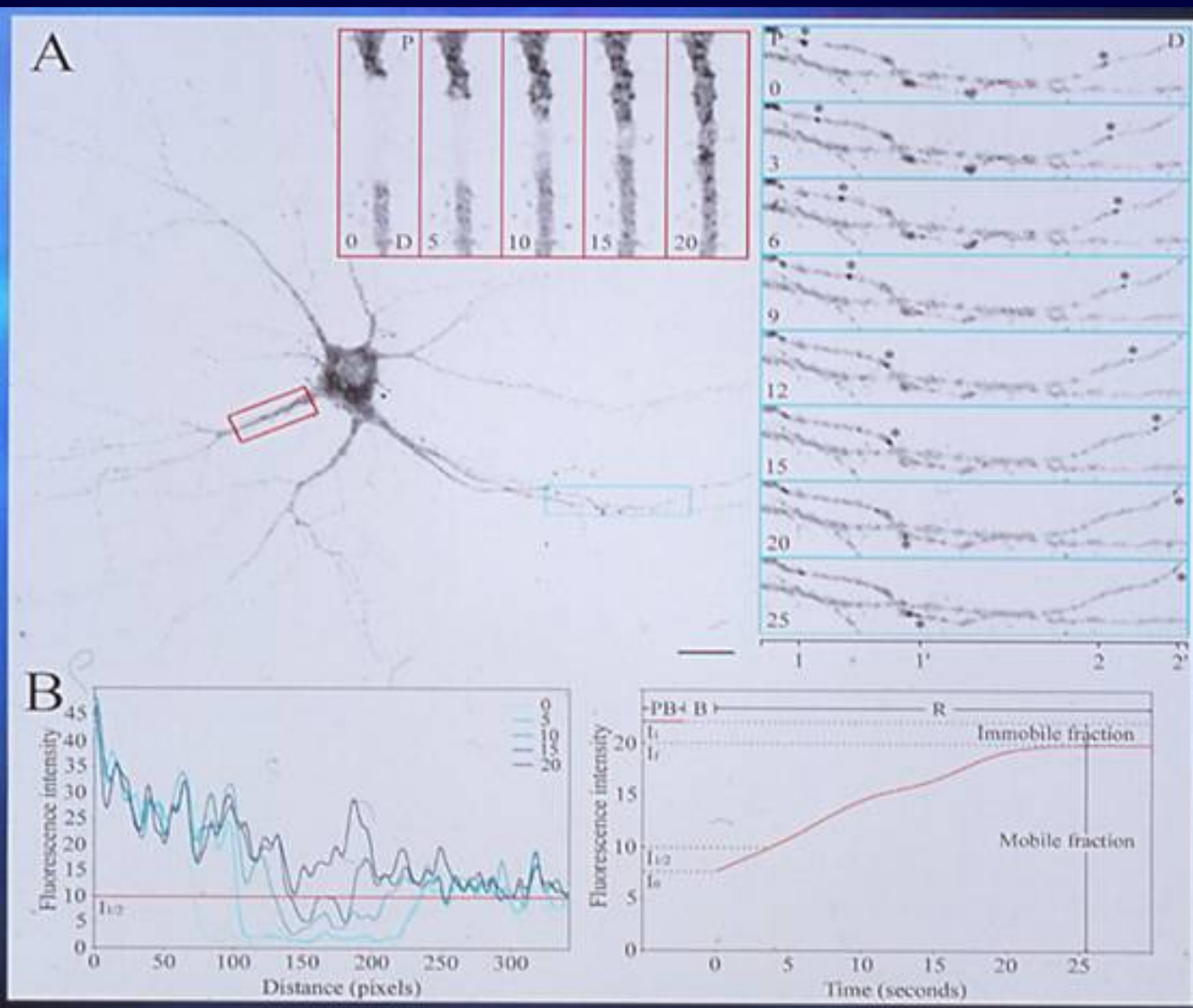


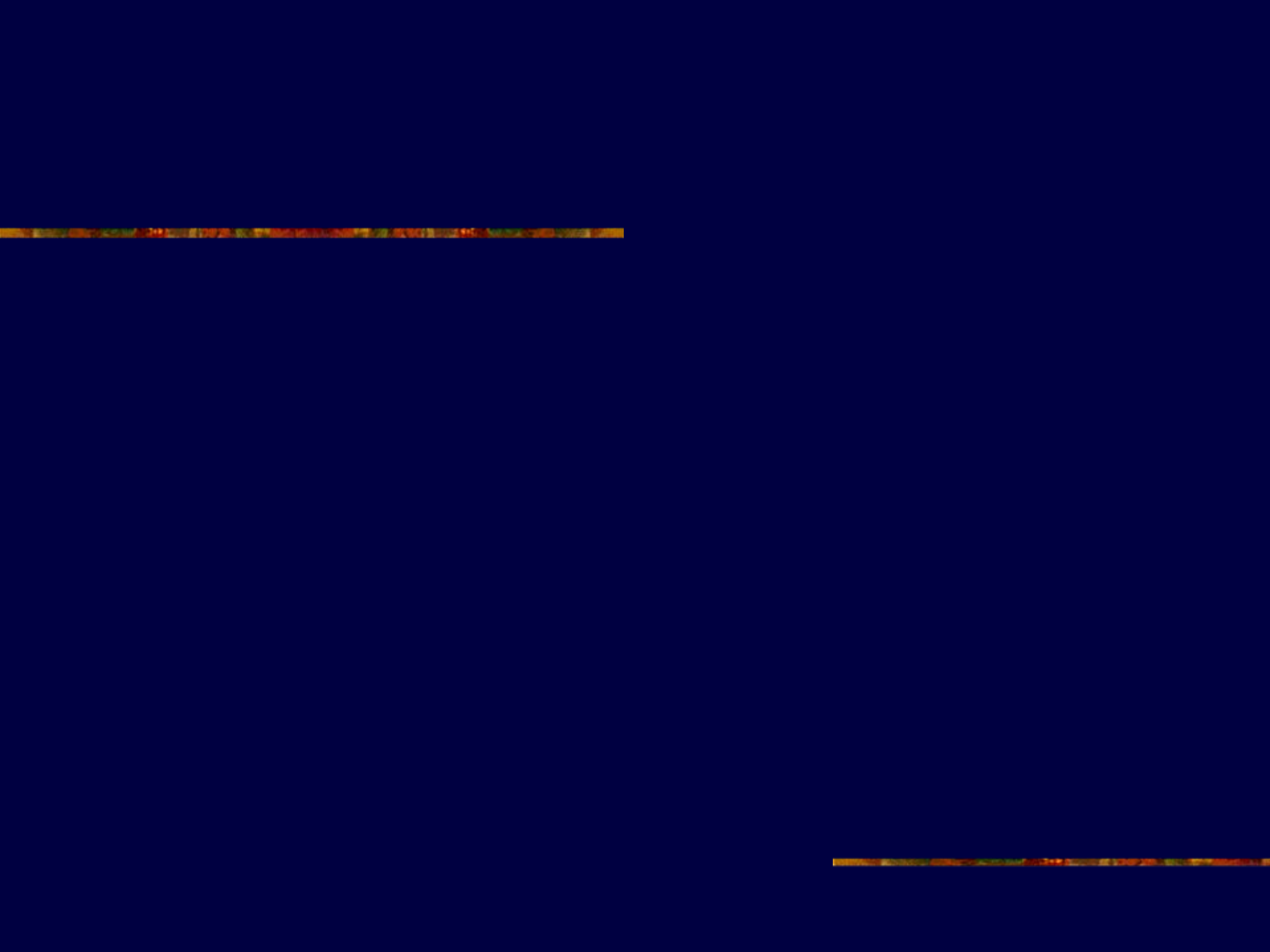


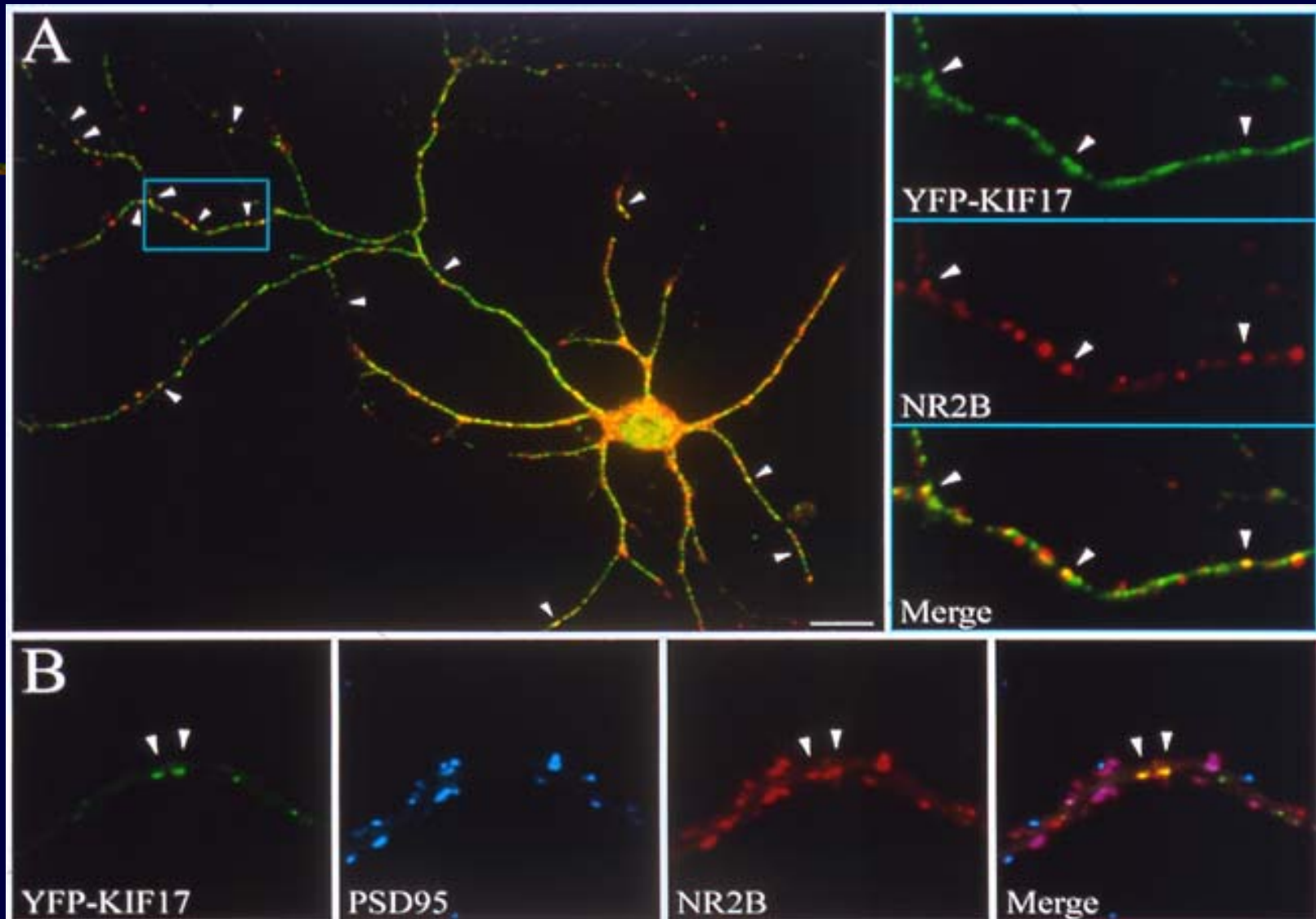


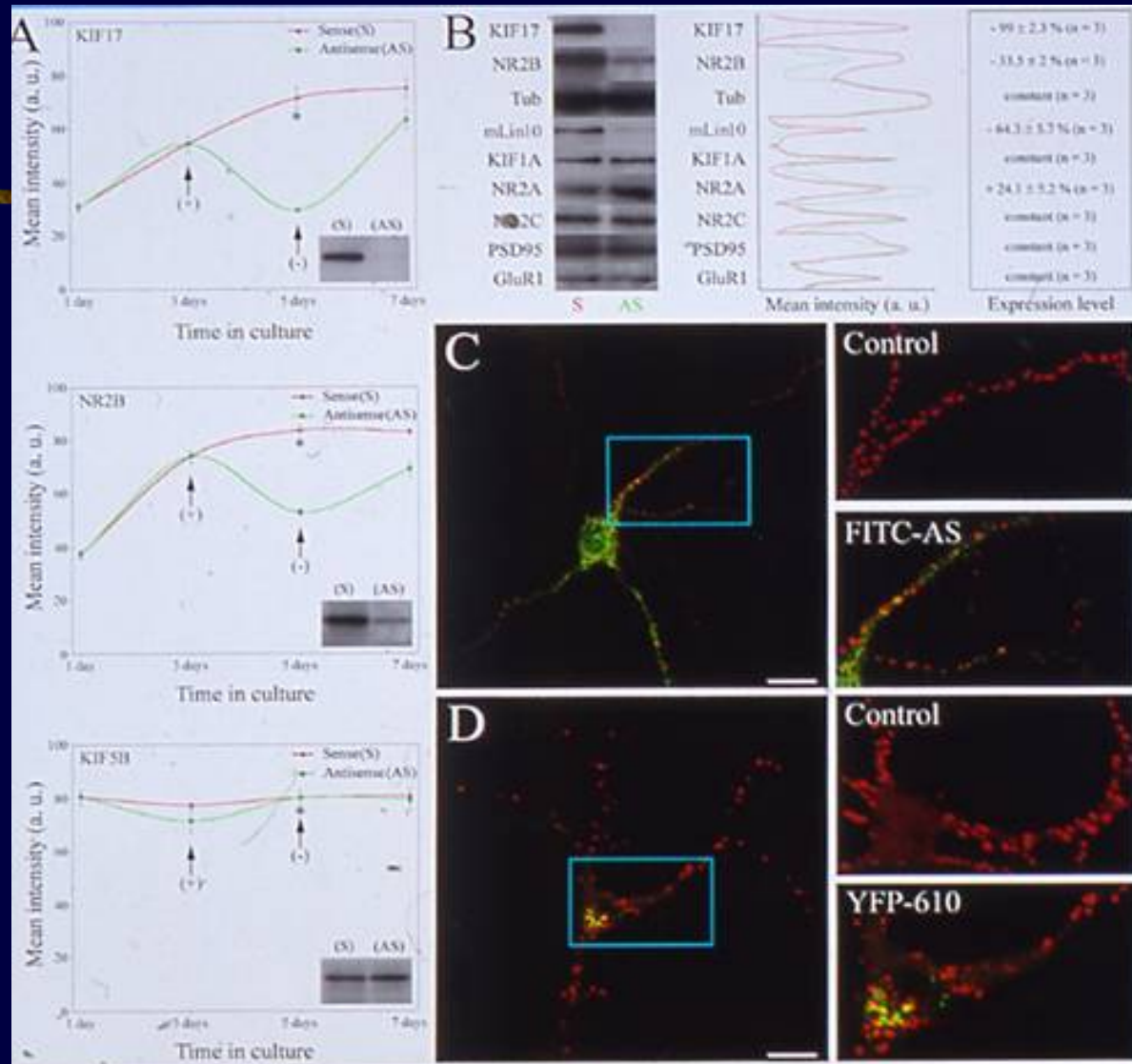


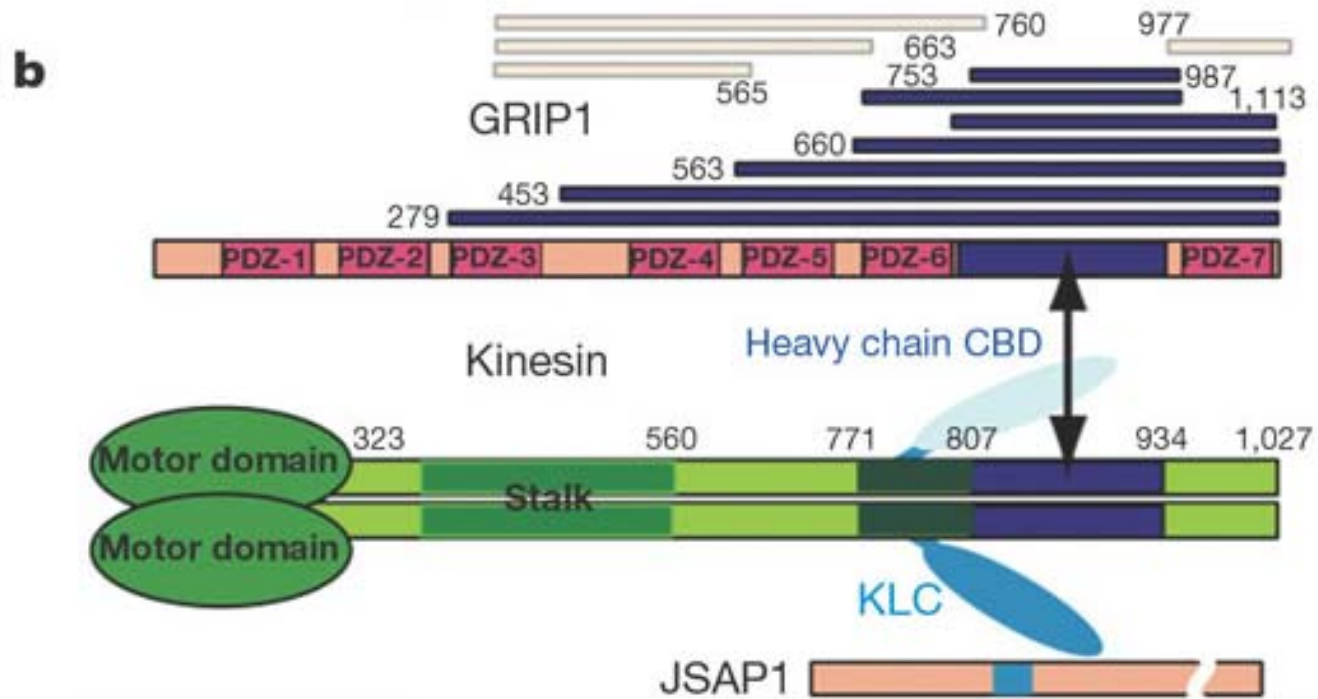
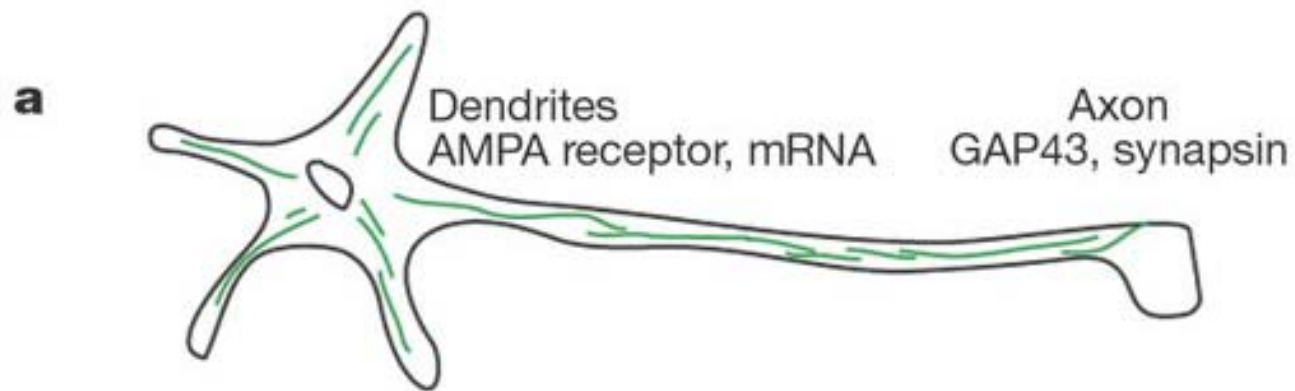


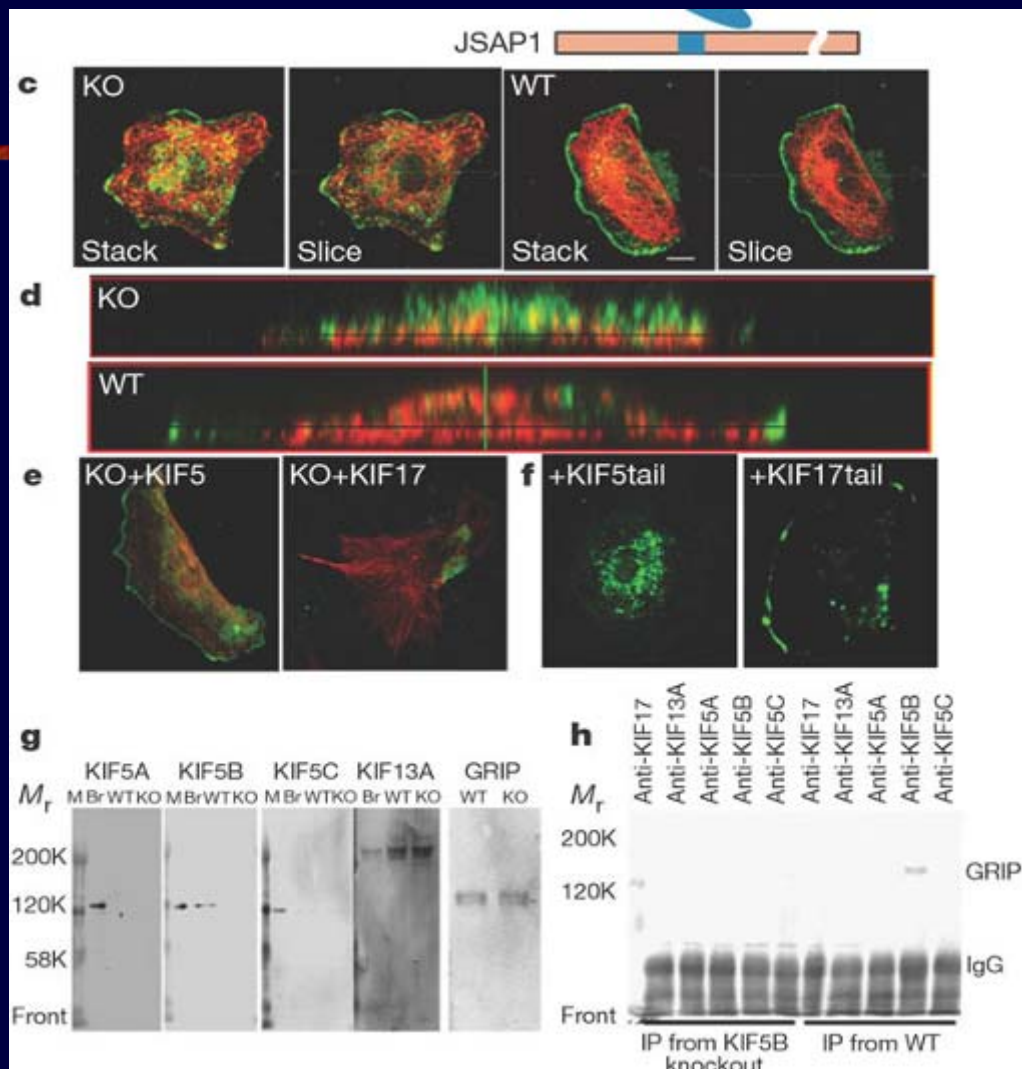


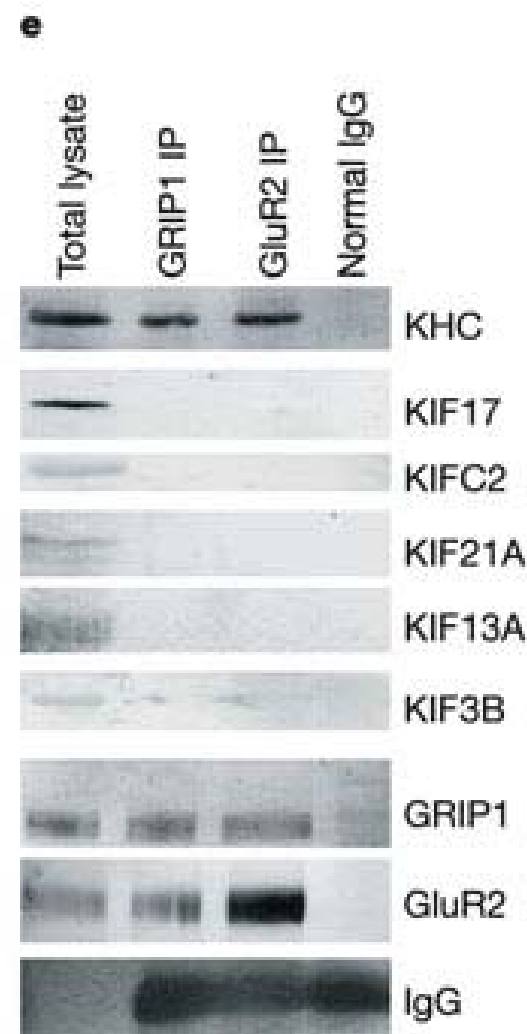
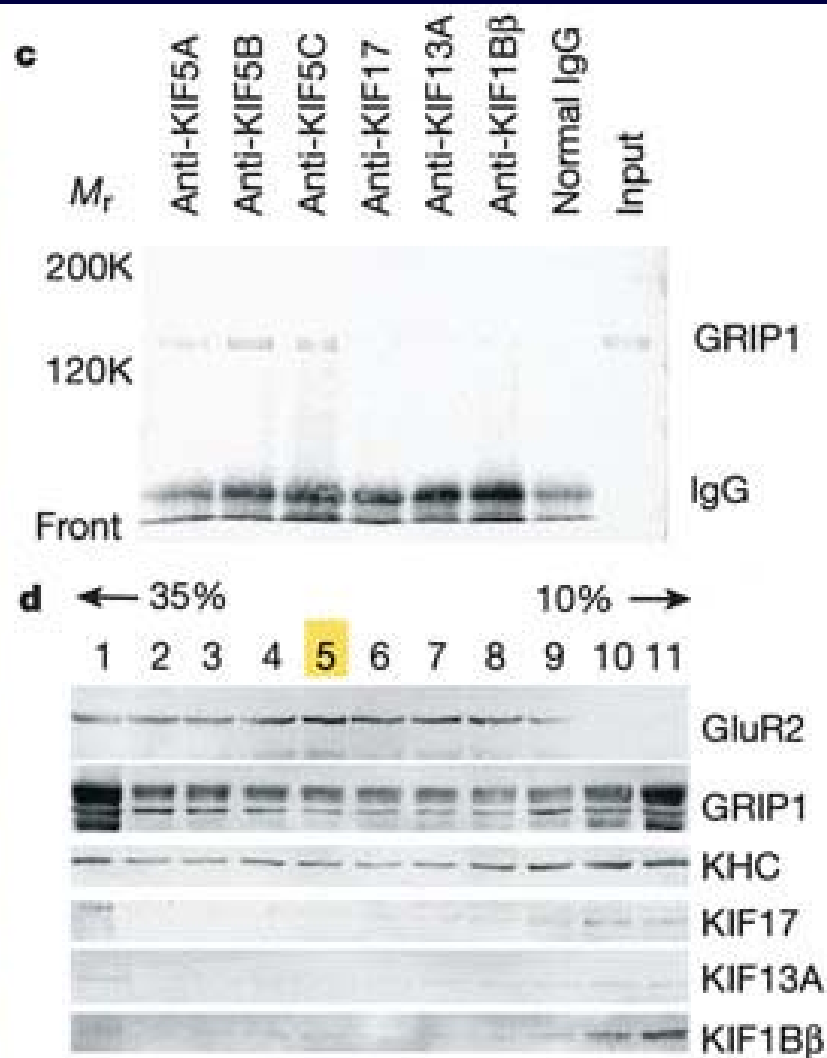
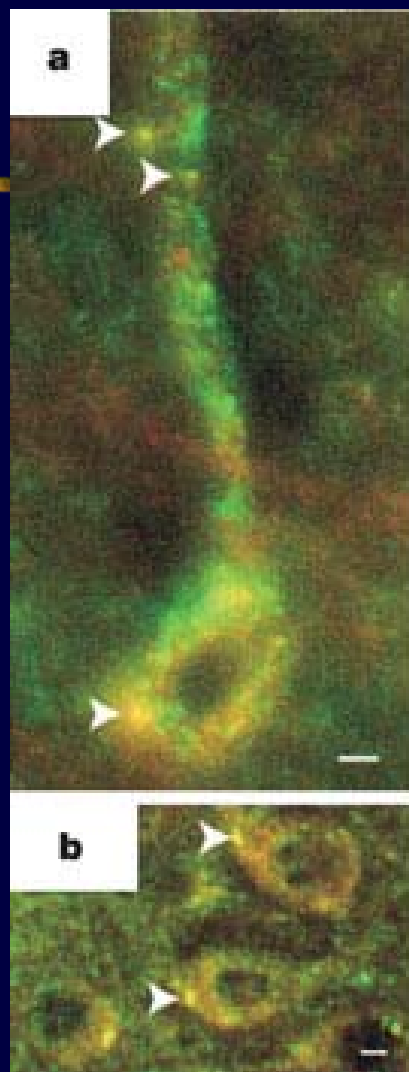


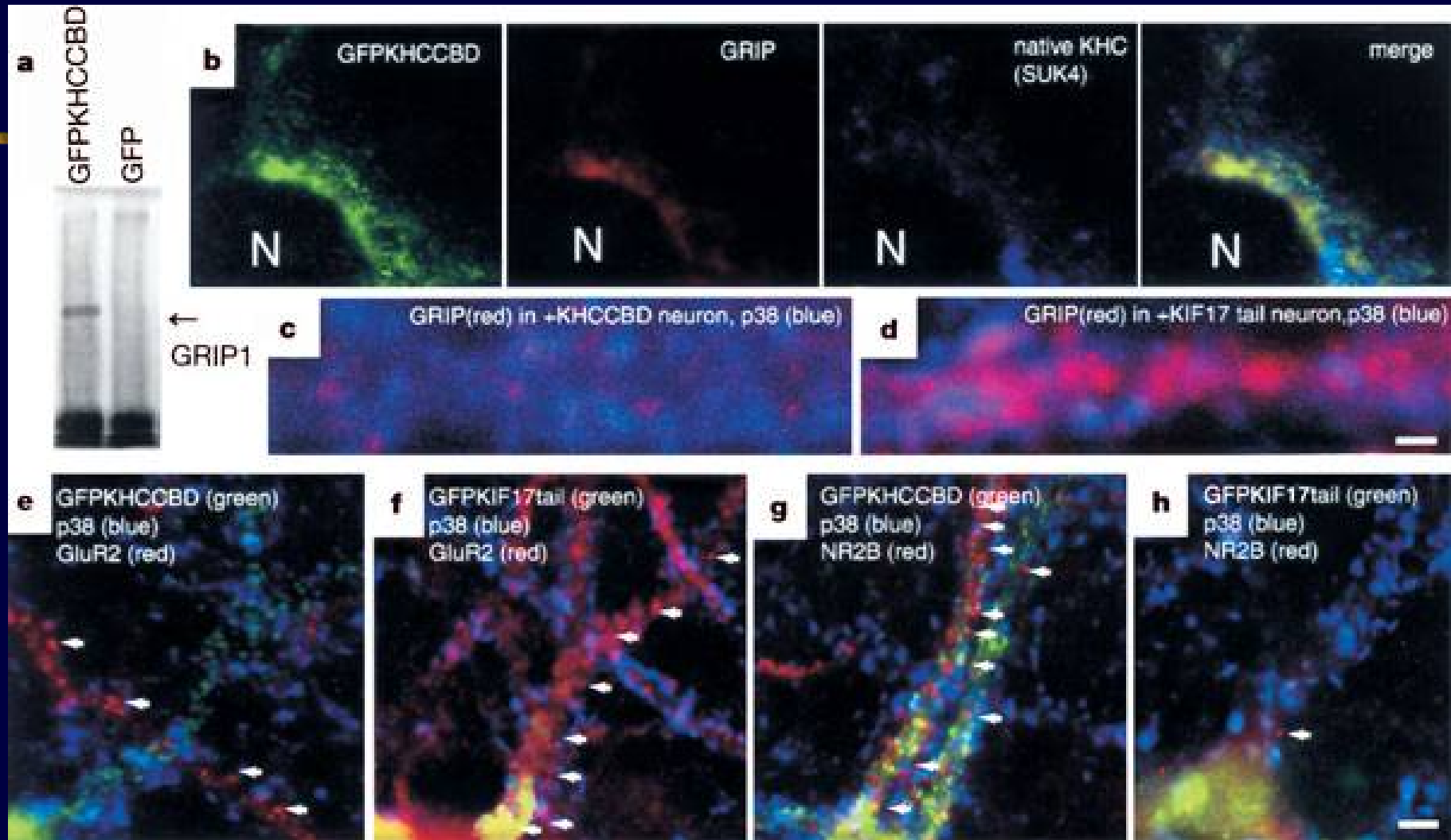


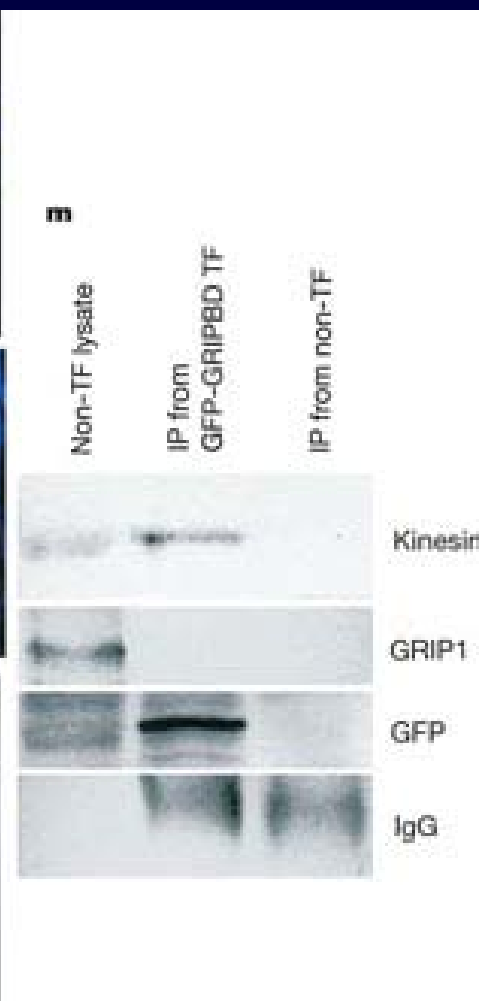
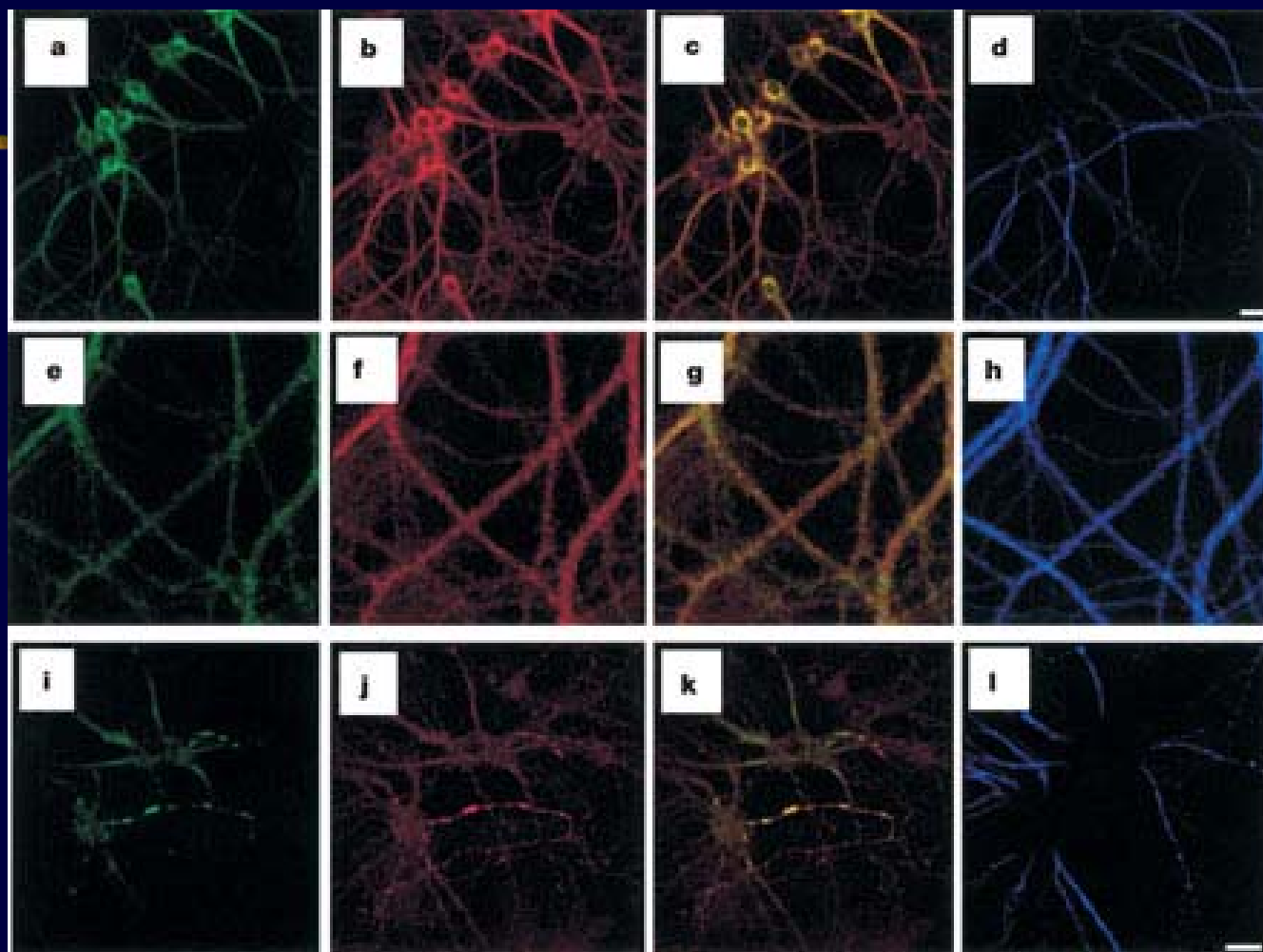












Vesicle

AMPA Receptor

Scaffolding

GluR2

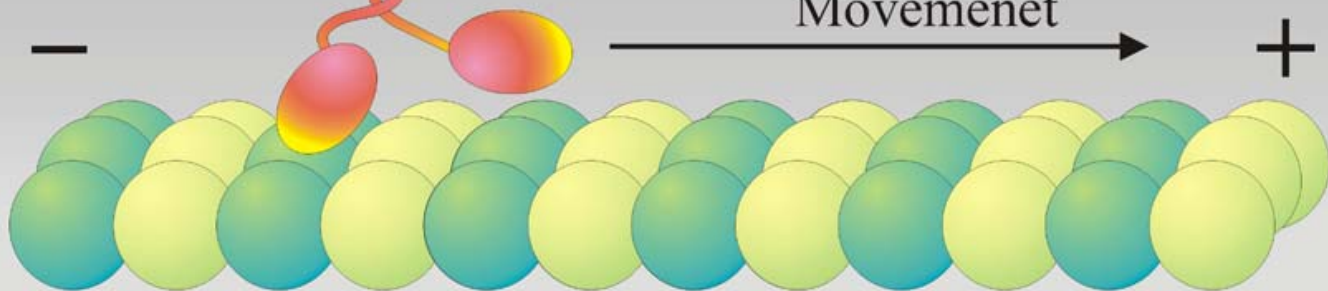
GRIP

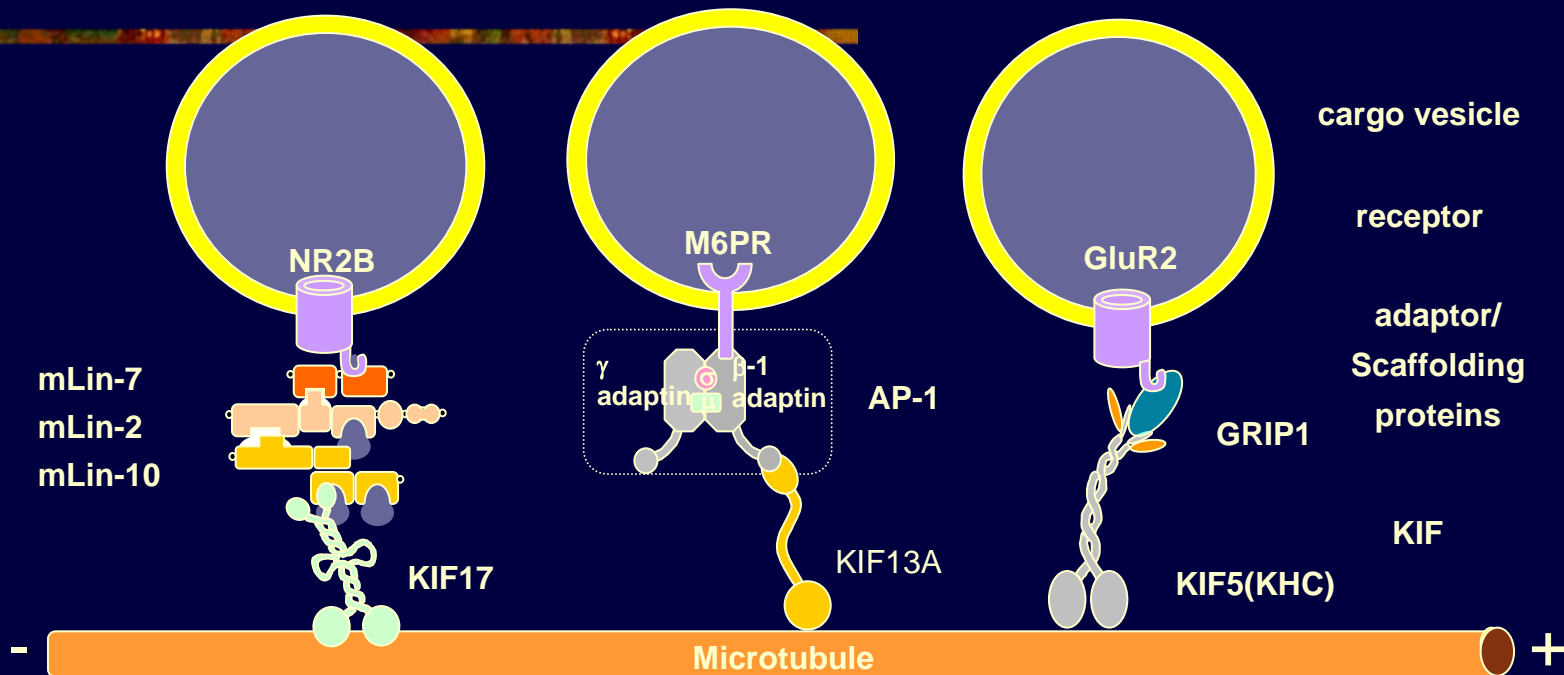
Kinesin

KIF5

Movement

MT



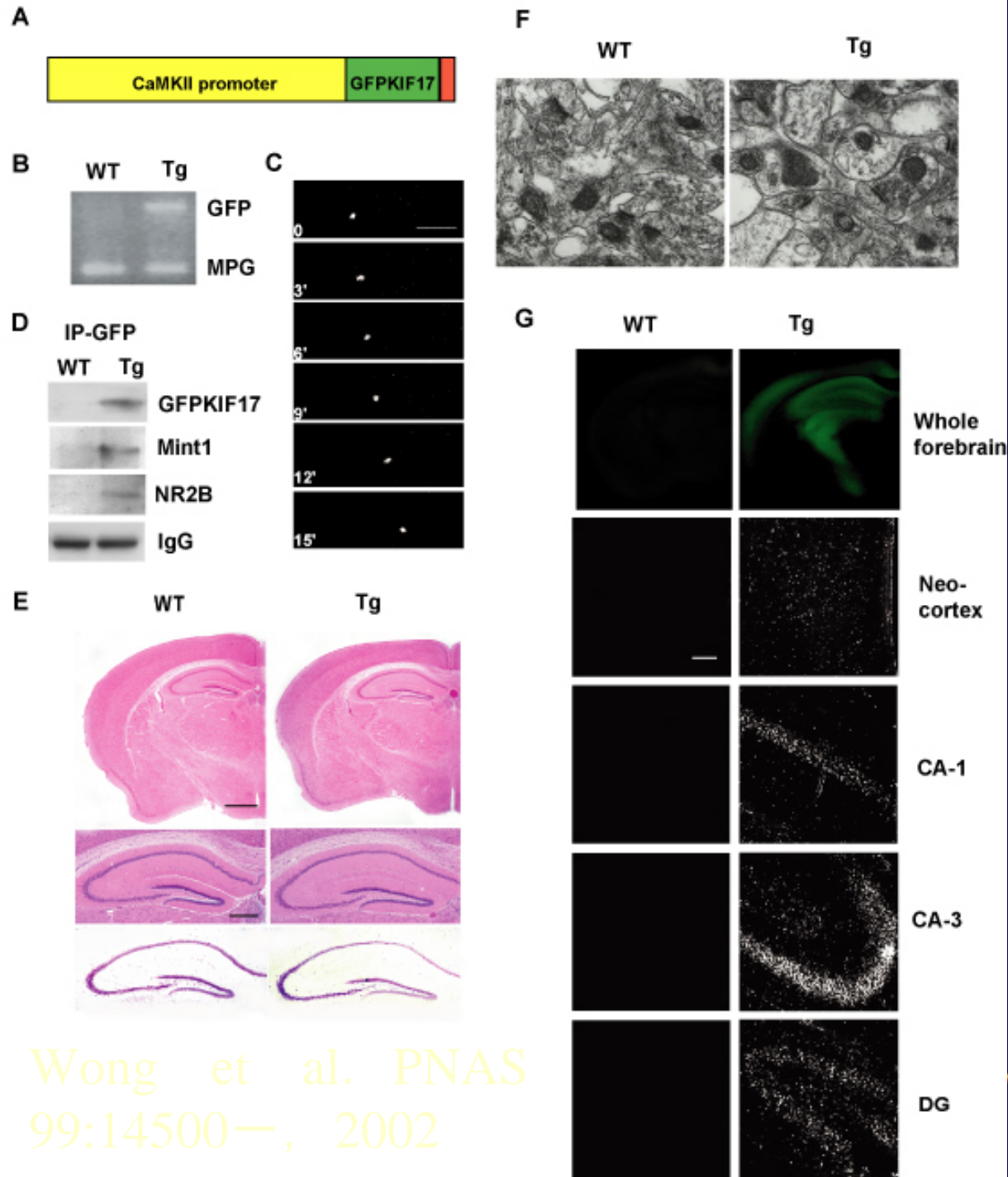


Setou et al. Science 288:1796—,2000

Nakagawa et al. Cell 103:569—,2000

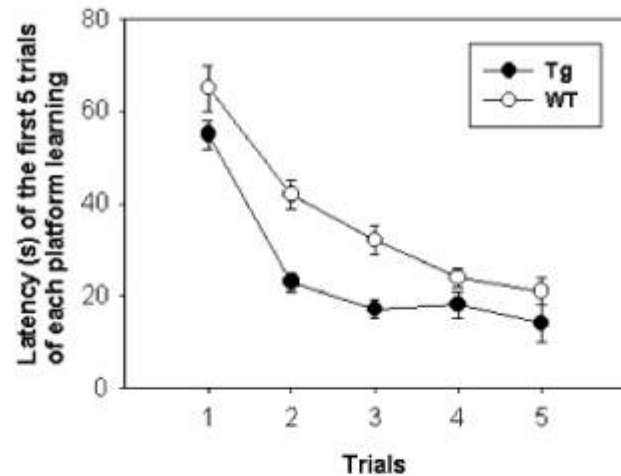
Setou et al. Nature 417:83—,2002

Wong et al. PNAS 99:14500-2002

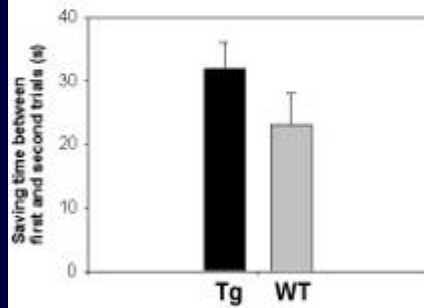


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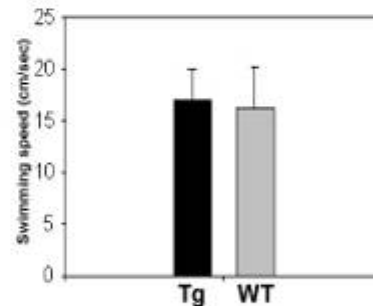
A Delay Matching-to-place test



B Saving time

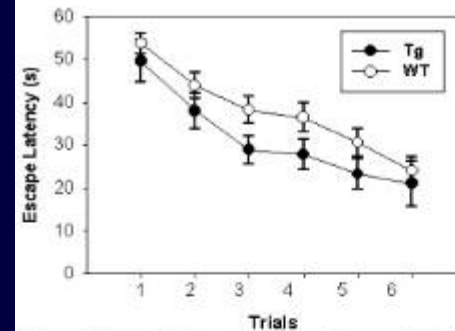


C Swimming speed

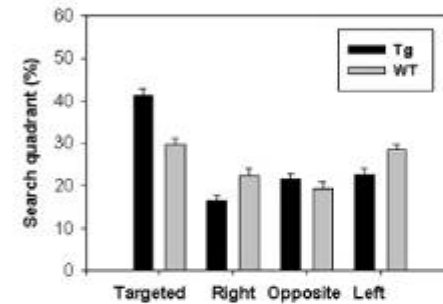


Working memory

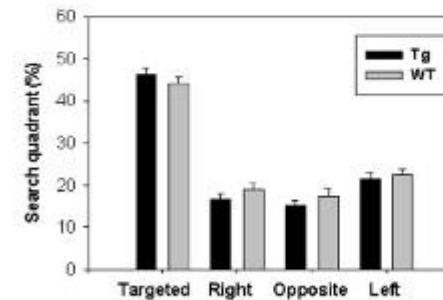
A Morris hidden platform water maze test



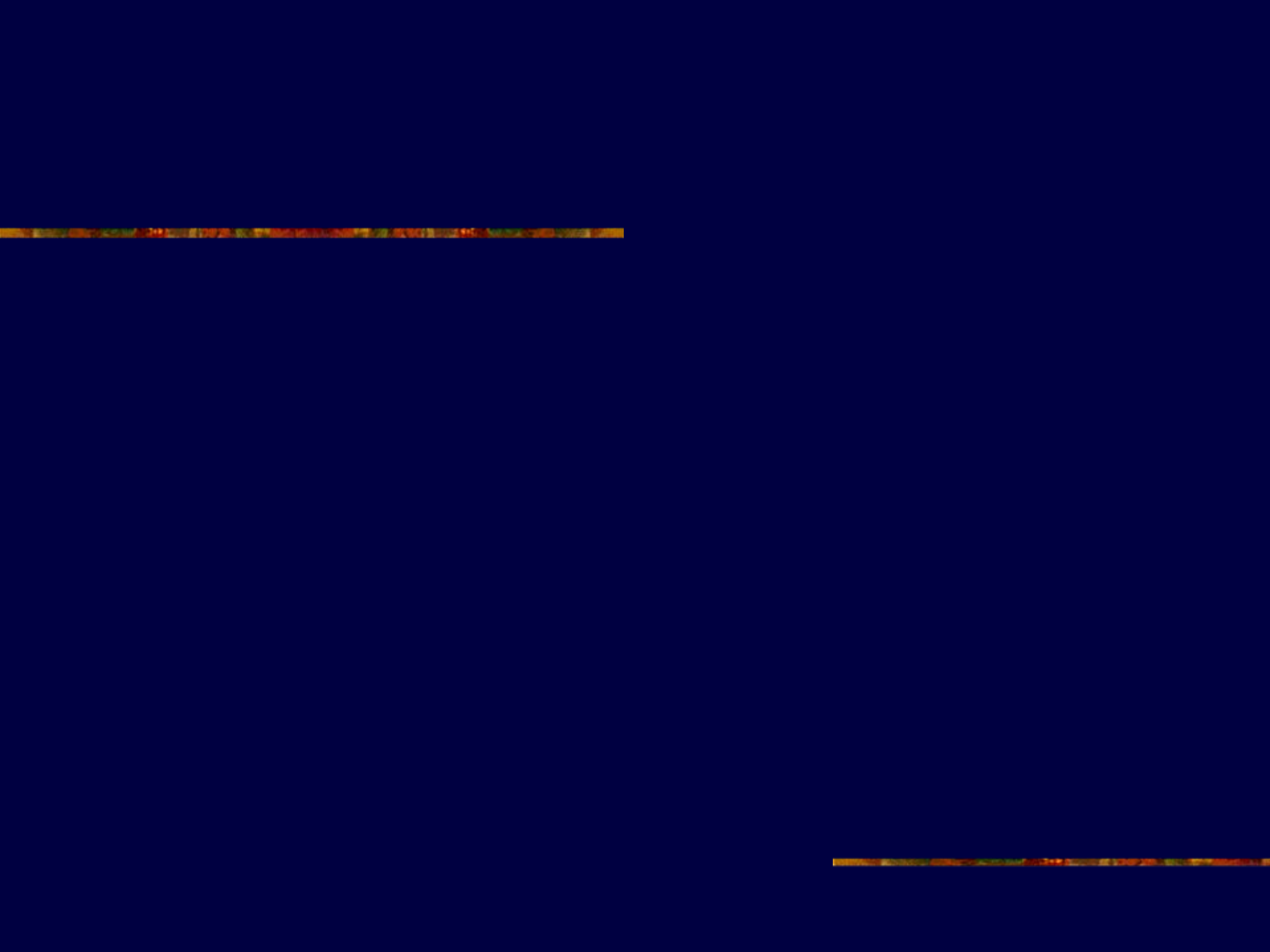
B Transfer test at the end of 3 trial

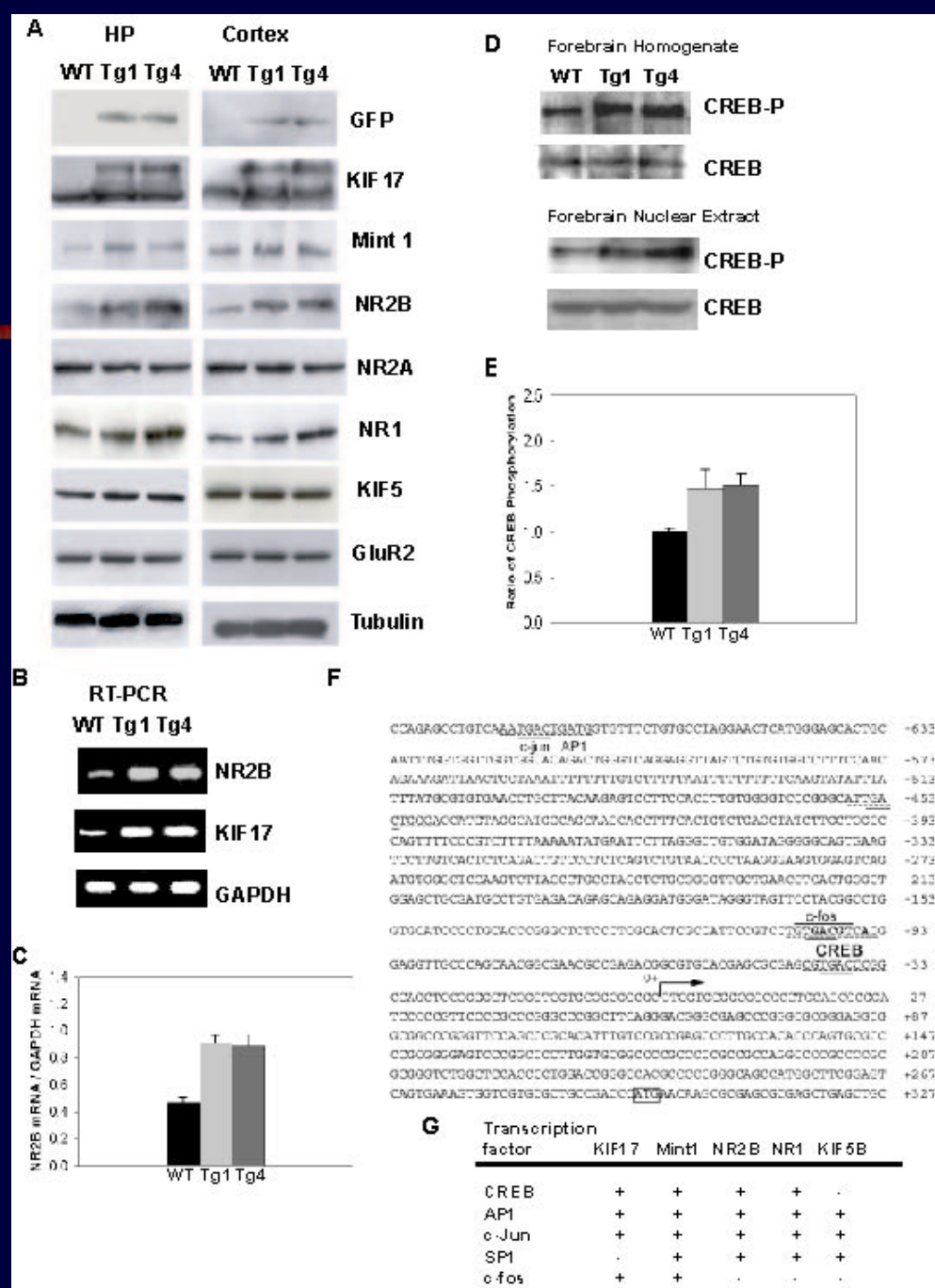


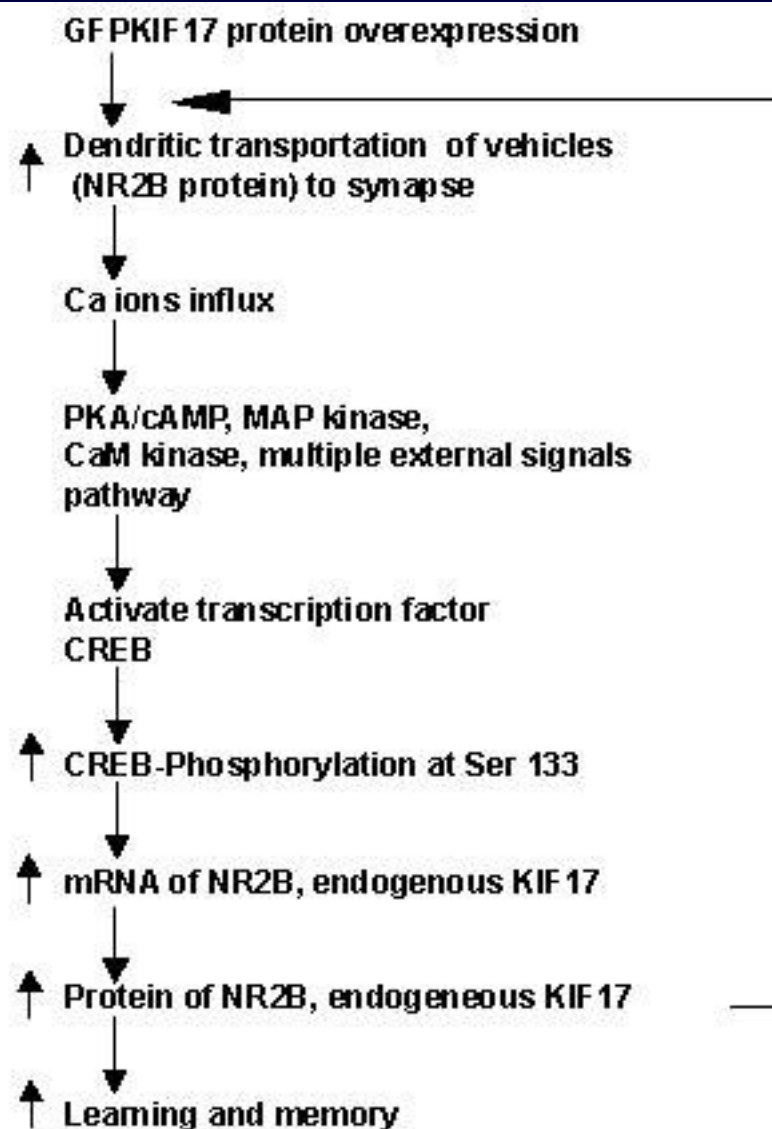
C Transfer test at the end of 6 trial



Spatial memory







Positive Feedback Loop