

Erratum

Identification of the gene for fly non-muscle myosin heavy chain: *Drosophila* myosin heavy chains are encoded by a gene family

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In the above paper, **Figure 7** was wrongly trimmed. The complete figure is reprinted below.

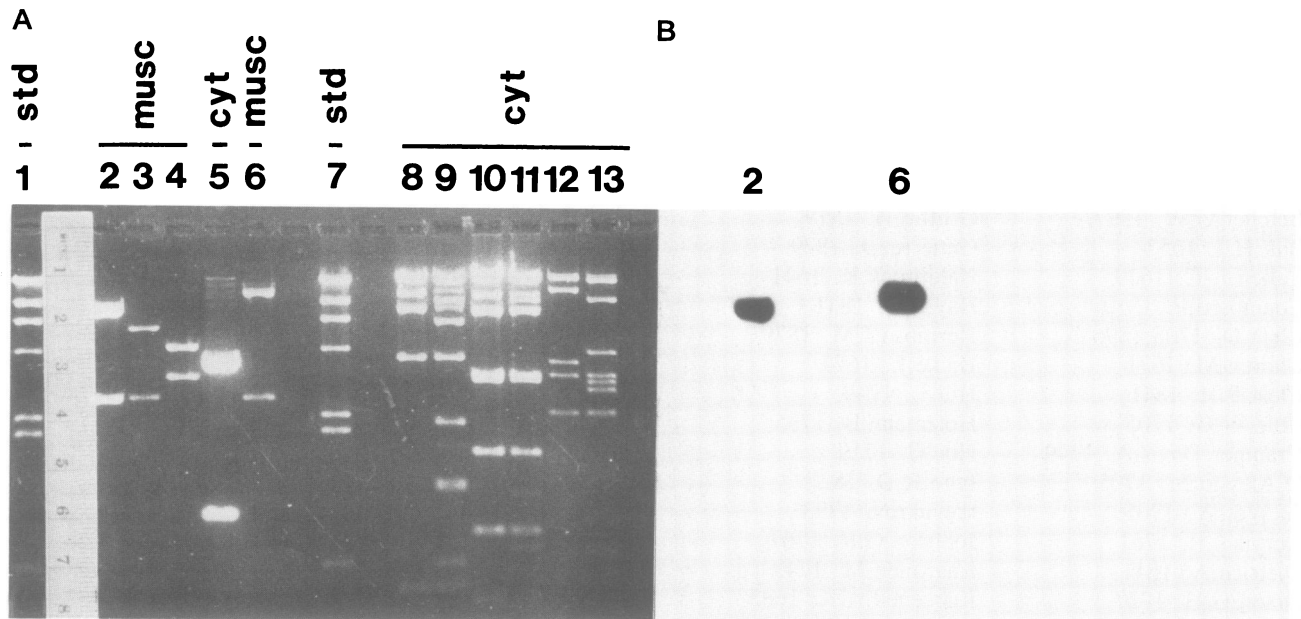


Fig. 7. The gene for *Drosophila* cytoplasmic myosin heavy chain does not cross-hybridize with the gene for *Drosophila* muscle myosin heavy chain. Genomic clones that span the entire transcription unit of the *Drosophila* muscle myosin gene and the genomic clones that include DNA that hybridizes to cDCMHC-15, the 6.6-kb *Drosophila* cytoplasmic myosin cDNA (see map, Figure 4), were restriction enzyme digested, resolved on an agarose gel, Southern blotted and at low stringency, hybridized to pNH36, a clone that includes 12 kb of DNA at the 5' end of the muscle myosin heavy chain transcription unit. The amount of DNA in each lane can be estimated by comparing the intensity of individual bands to the intensity of standard bands in lanes 1 and 7, that contain, from top to bottom, 187, 76, 53, 35, 18, 16 and 5 ng of DNA, respectively (a total of 390 ng of λ phage DNA, digested with *Hind*III, was loaded). (A) A photograph of an ethidium bromide stained agarose gel. Lanes include standards (lanes 1 and 7, std) and various muscle (musc, lane 2, pLRA4; lane 3, p9C3a; lane 4, p10C1; and lane 6, pNH36) and cytoplasmic myosin (lane 5, DCMHC-1; lanes 8 and 9, DCMHC-13; lanes 10 and 11, DCMHC-10; and lanes 12 and 13, DCMHC-22) clones. (B) An autoradiograph of a Southern blot of the gel shown in (A) probed with pNH36. pNH36 hybridizes only with itself and pLRA4 (lanes 2 and 6, respectively), a clone with which it overlaps. Results obtained with comparable blots probed with muscle clones p9C3a, pLRA4, p10C1 or cytoplasmic myosin clone DCMHC-1 are consistent with lack of cross-hybridization between genomic DNAs that encode the muscle and cytoplasmic isoforms of *Drosophila* myosin heavy chain (see text).