

Review of: "Vimentin Regulates Collagen Remodeling Through Interaction with Myosin 10"

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The authors carefully analyzed relationships between Vimentin, Myo10, and MT1-MMP in collagen remodeling by using imaging techniques. However, I have some questions as follows.

1. The interpretation of the interaction between Myo10 and Vim is insufficient for me. Myosin proteins directly bind with actin filaments. I wonder if actin filaments mediate the interaction between Myo10 and Vim.
2. Is it possible to identify the specific domains of Myo10 interact with Vim?
3. The role of the collagen remodeling regulated by Myo10, Vim, and MT1-MMP in cell migration or invasion is unclear. It might be future work, but I would like to see the result of invasion assays such as transwell or fluorescent gelatin using manipulated cells or inhibitors.