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- (54) **Title:** A METHOD FOR DETECTING CLUSTERING OF RAS PROTEIN

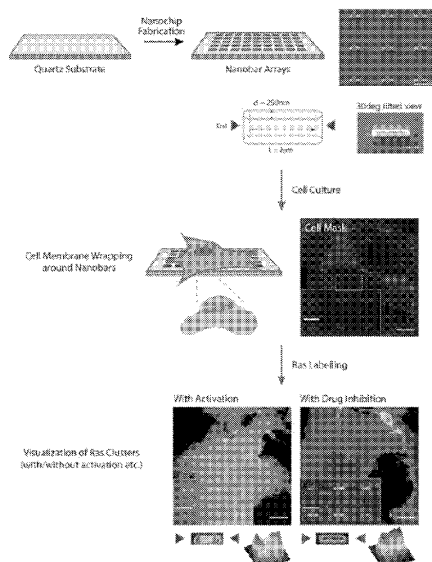


Figure 1

(57) **Abstract:** The present invention relates to a method of detecting clustering of Rat Sarcoma Vims (Ras) protein in a cell comprising culturing the cells on an array of nanostructures and detecting the clustering of Ras protein around the nanostructures by using optical microscopy. In one embodiment, the nanostructures are nanobars. The invention further relates to the use of the method in identifying the isoform or mutation status of Ras protein, and anti-Ras drug screening.

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