## Abstract Submitted for the MAR09 Meeting of The American Physical Society

A comparison of the elastic modulii of an animal and plant virus D. GUI, X. CHEN, A.L.N. RAO, S. GILL, U. MOHIDEEN, R. ZANDI, University of California, Riverside, CA — We have used Atomic Force Microscopy (AFM) to image single Sindbis and BMV viruses. The AFM was then used in force spectroscopy mode to measure their elastic Modulii. The similarities and differences will be discussed.

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