

Cite this: DOI: 10.1039/c0xx00000x

www.rsc.org/xxxxxx

ARTICLE TYPE

Subcellular Spectroscopic Markers, Topography and Nanomechanics of Human Lung Cancer and Breast Cancer Cells Examined by Combined Confocal Raman microspectroscopy and Atomic Force Microscopy

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Received (in XXX, XXX) Xth XXXXXXXXX 20XX, Accepted Xth XXXXXXXXX 20XX

DOI: 10.1039/b000000x

Supplementary Materials

Supplementary Figures

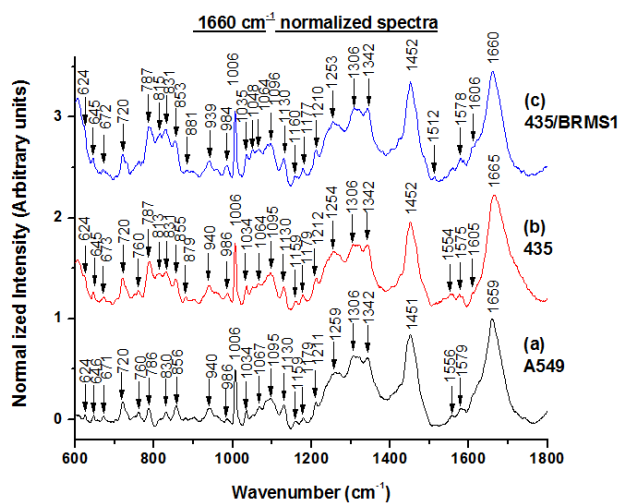


Fig. S1 Mean Raman spectra of three cancer cell lines: A549 (a-black), 435 (b-red), and 435/BRMS1 (c-blue). Each spectrum is the average of five spectra, the averaged background was subtracted by finding a local minimum area, spectra were baseline corrected, and then normalized using peak intensity at 1660 cm⁻¹. Spectra are offset vertically for clarity.

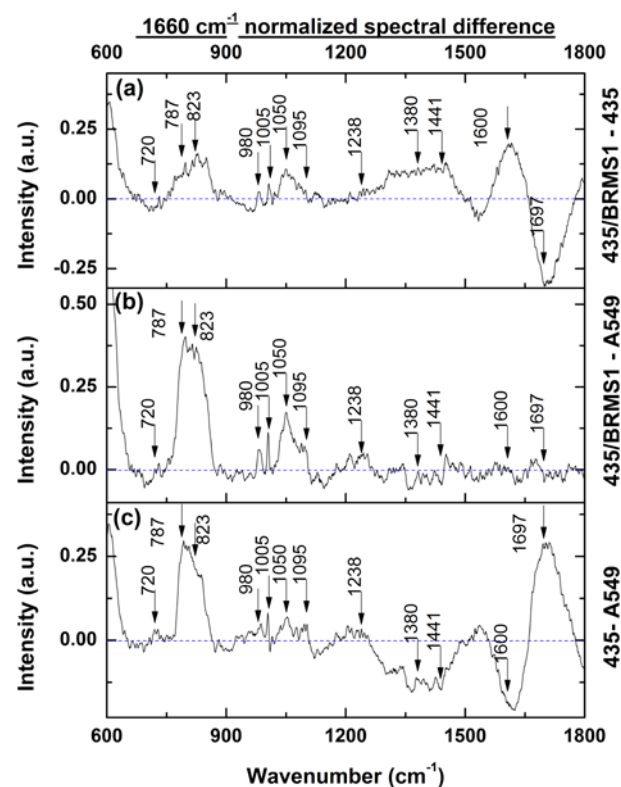


Fig. S2 Difference spectra computed from the 1660 cm⁻¹ normalized spectrum in **Error! Reference source not found.** using A549, 435, and 435/BRMS1: 435/BRMS1 – A549 (a); 435/BRMS1 – A549 (b); A549 – 435 (c).

Notes and references

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