

Regulation of micropatterned curvature-dependent FA heterogeneity on cytoskeleton tension and nuclear DNA synthesis of malignant breast cancer cells

Yongtao Wang,^{*a&} Nana Wang,^{b&} Yazhou Chen,^c and Yingjun Yang^{*d}

^aSchool of Medicine, Shanghai University, Shanghai, 200444, China, Email:
yongtao_wang@shu.edu.cn

^bDepartment of Pediatrics, Shanghai General Hospital, Shanghai Jiao Tong University, Shanghai,
200080, China

^cMedical 3D Printing center, The First Affiliated Hospital of Zhengzhou University, Zhengzhou
University, Zhengzhou, 450052, China

^dMaterials Institute of Atomic and Molecular Science, Shaanxi University of Science and
Technology, Xi'an, 710021, China, Email: yang.yingjun@sust.edu.cn

&These authors contributed equally to this work.

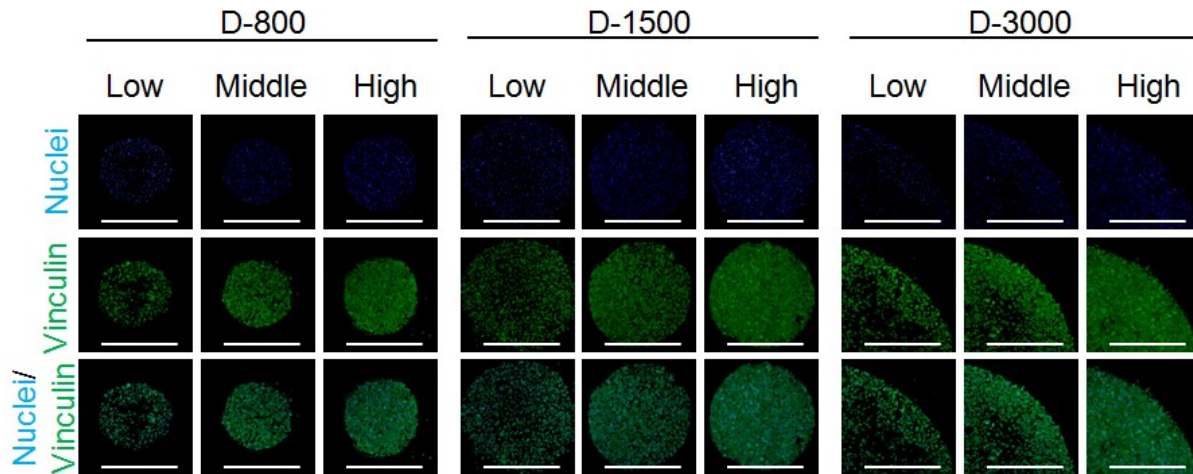


Fig. S1. Representative fluorescence images of vinculin (green) and nuclei (blue) staining. The fluorescent images of vinculin and nuclei were merged into one image to show the co-staining feature. Scale bar: 1000 μm .

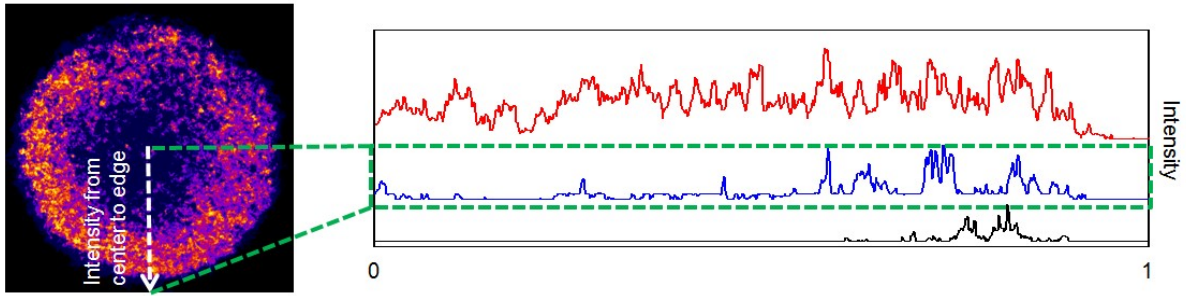


Fig. S2. Illustration of myosin heatmap to show the intensity curves of myosin from center to edge of the images.