

SUPPLEMENTARY INFORMATION**High-Resolution Morphological Approach to Analyse Elastic Laminae Injuries of the Ascending Aorta in a Murine Model of Marfan Syndrome**

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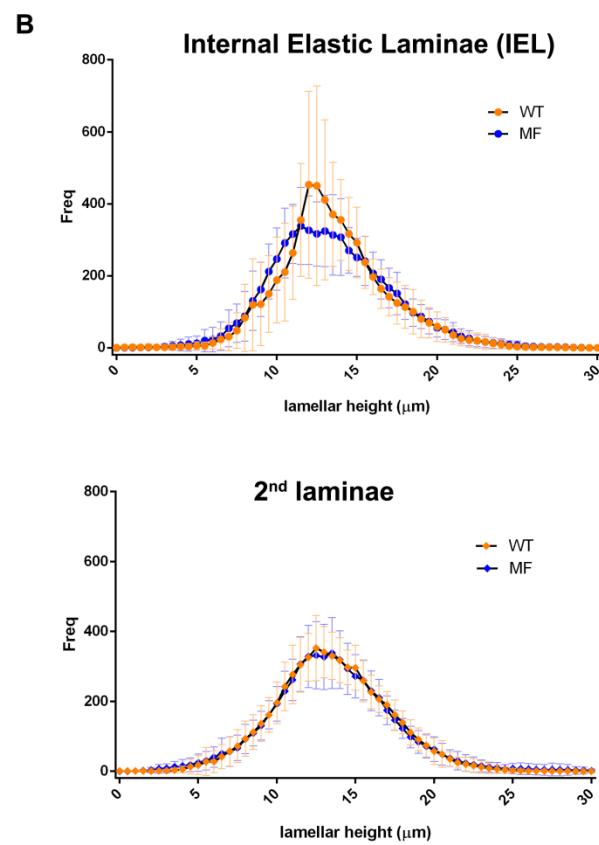
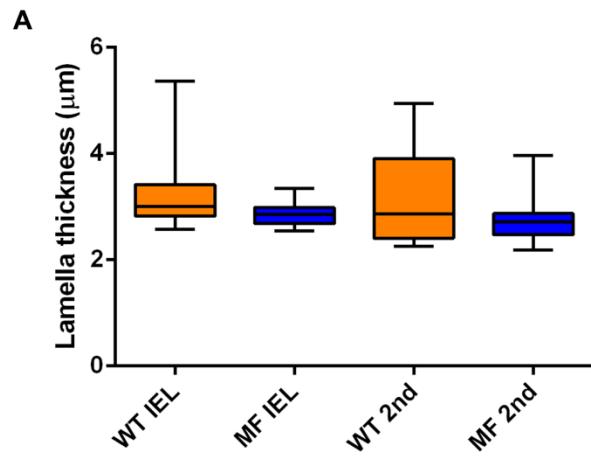
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Lopez-Guimet et al-supplementary video.avi

Supplementary figure 1 (video). Consecutive image sequence of elastin signal at transverse view. Resliced original elastin image stack from wild-type aortic tissue, where lighter grey signal displays elastic lamellae. Progression throughout the volume shows lamellae branching, crosslinking, and breaks. Stack tissue volume dimensions are 153.6x66.0x153.6 μm (XZY).



Supplementary figure 2. Quantitative analysis of lamella thickness and waviness. (A)

Thickness in wild-type (orange) and Marfan (blue) IEL and 2nd laminae. (B) Waviness by lamella local height histogram.