

## **Additional file 1 to:**

### **Diffusion-weighted and dynamic contrast-enhanced MRI of pancreatic adenocarcinoma xenografts: Associations with tumor differentiation and collagen content**

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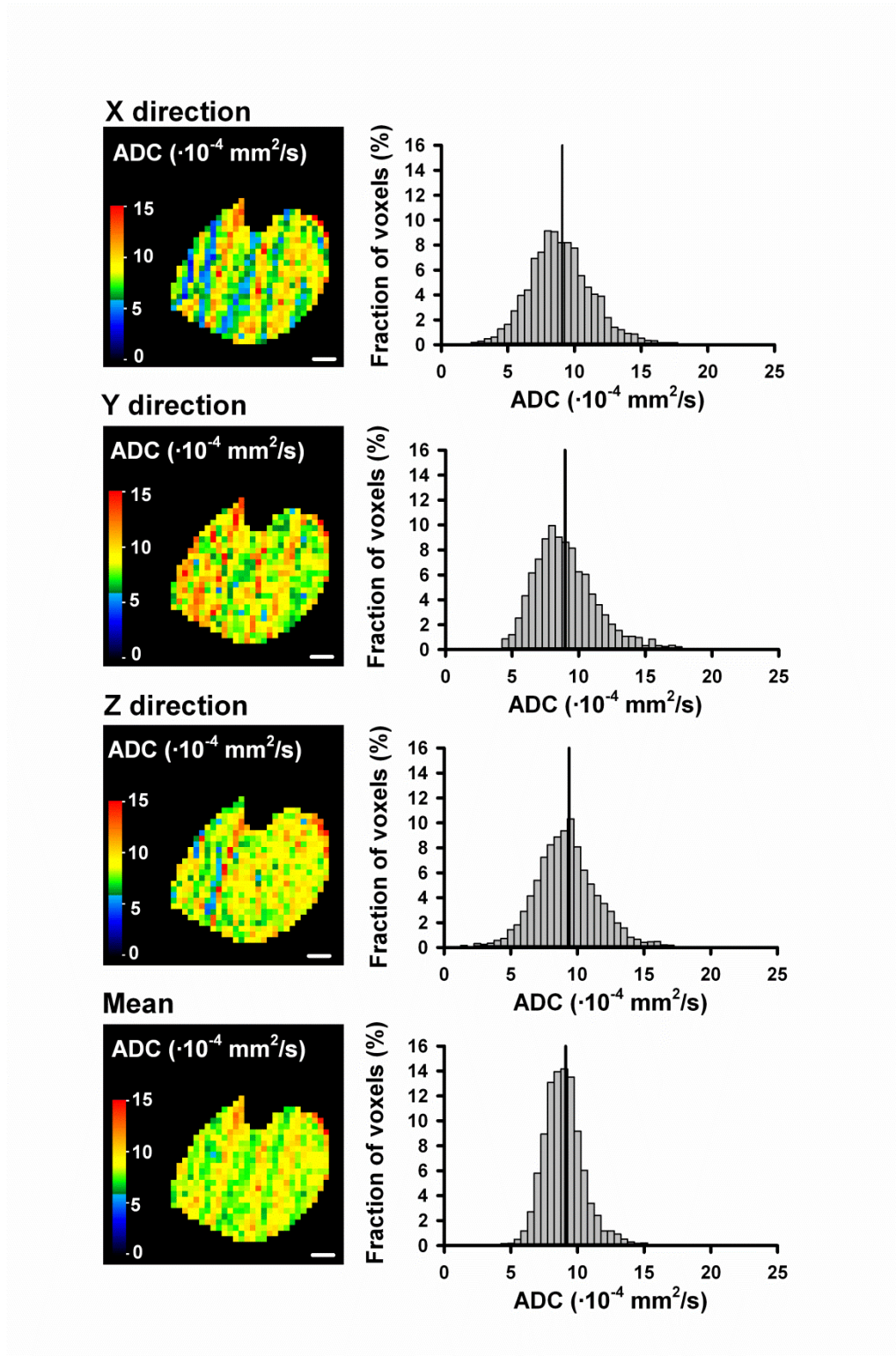
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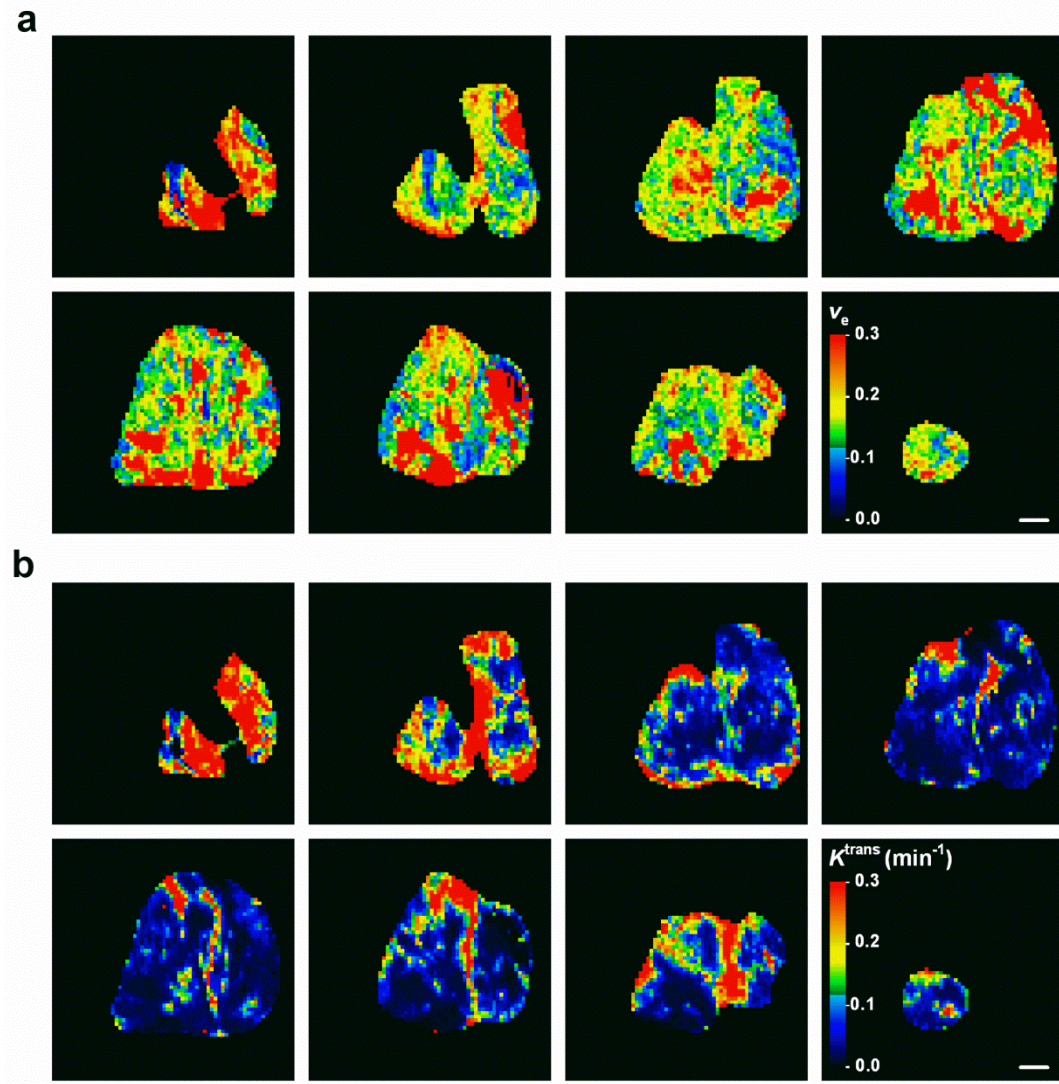
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**Figure S1. ADC did not differ with the direction of the diffusion sensitization gradient.** ADC images and frequency distributions of a representative Capan-2 tumor obtained with the diffusion sensitization gradient in the X-direction, Y-direction, or Z-direction. The lower panels show the mean ADC image and frequency distribution calculated from the non-directional diffusion images. Color bars: ADC scale. Scale bars: 2 mm. Vertical lines: Median values.



**Figure S2. Structural elements were clearly recognizable in parametric images of adjacent tumor slices.** Axial images of  $v_e$  (a) and  $K^{trans}$  (b) referring to eight consecutive sections through a representative Capan-2 tumor. The images are presented from the caudal end (top left) to the cranial end (bottom right) of the tumor. Color bars:  $v_e$  and  $K^{trans}$  scales. Scale bars: 2 mm.