Additional data for:

Murine breast cancer feed arteries are thin-walled with reduced α_{1A}-adrenoceptor expression and attenuated sympathetic vasocontraction

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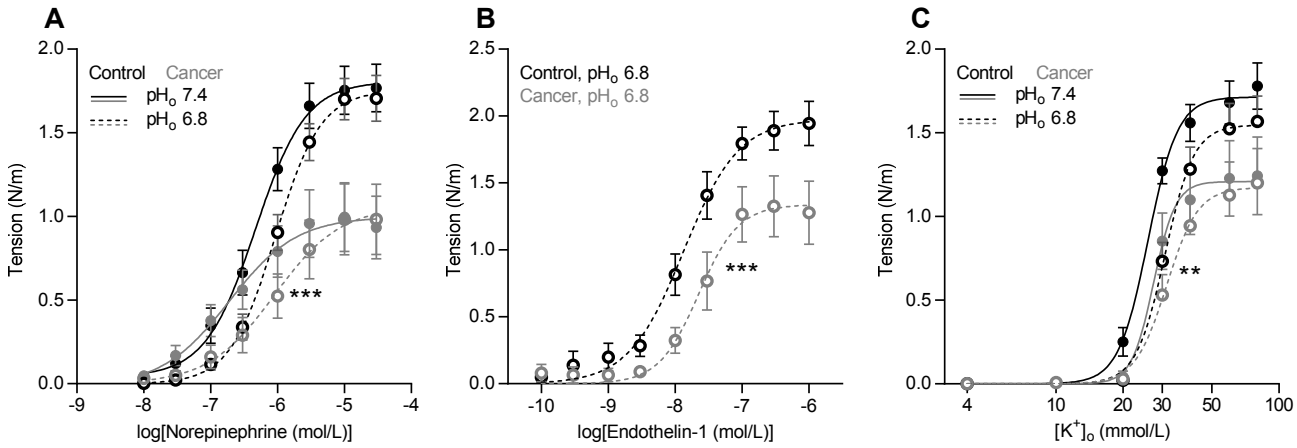

Additional Figure S1. Vasocontraction is attenuated in breast cancer feed arteries compared to matched control arteries under acidic conditions. Concentration-dependent contractions in response to norepinephrine (**A**), endothelin-1 (**B**), and elevated $[K^+]_o$ (**C**) at pH_o 6.8 (n=8). For norepinephrine and K^+, contractions elicited in the same arteries at pH_o 7.4 are shown for comparison. Because of slow relaxation of arteries after washout of endothelin-1, vasocontraction to endothelin-1 was only tested at one level of pH_o for each artery. Experiments with elevated $[K^+]_o$ were performed in presence of 1 μmol/L phentolamine. Curves are results of least-squares fits to sigmoidal functions and compared using extra sum-of-squares *F*-tests. ***P*<0.01, ****P*<0.001 *vs.* Control, both at pH_o 6.8.