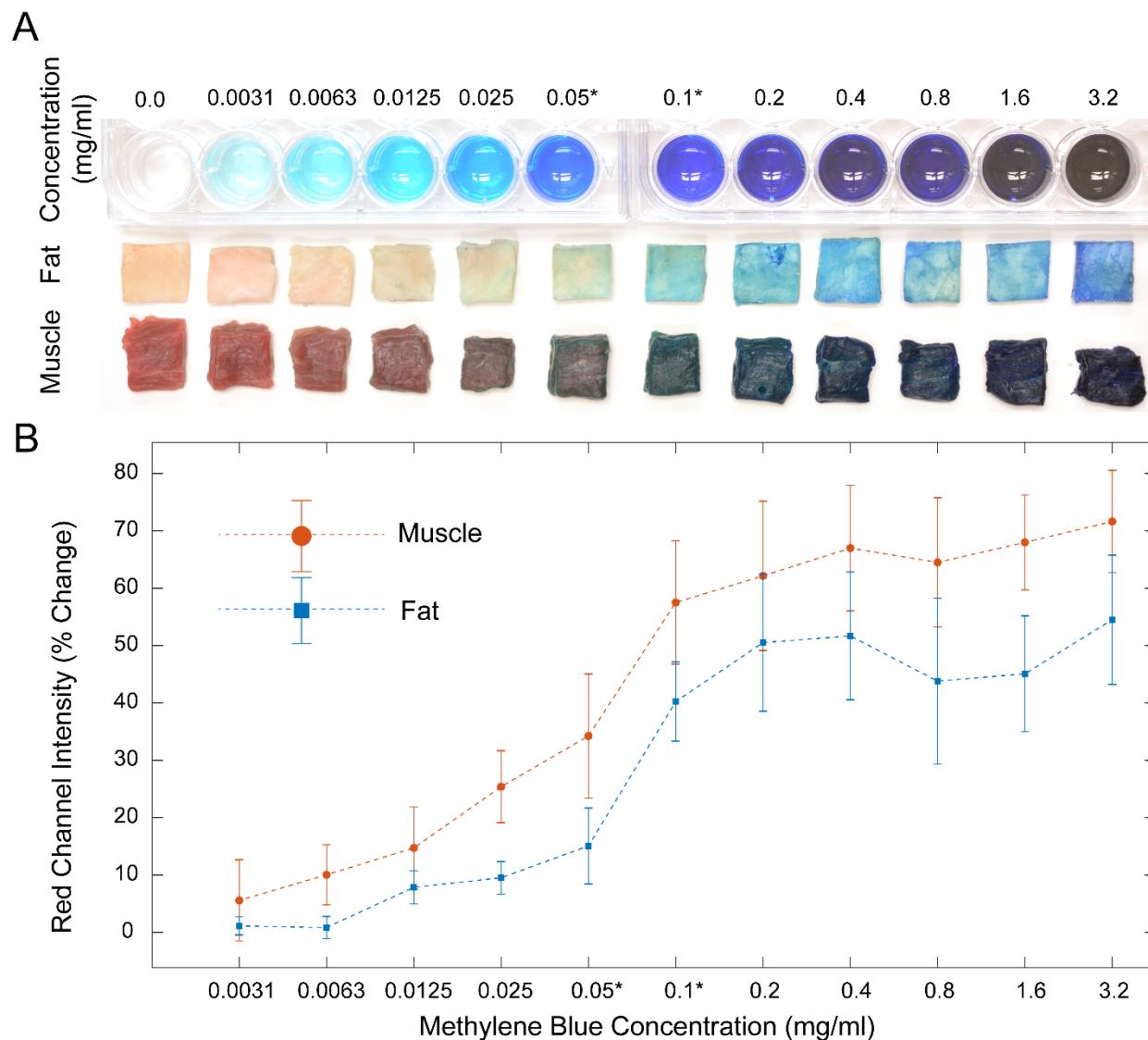


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Supplemental Figure: Serial dilution staining of fresh-frozen tissues with methylene blue. (A) Fresh-frozen samples (~1 cm<sup>3</sup>) of muscle and fat were stained with the indicated serial dilutions of methylene blue for 5 min with 3 subsequent 1 min washes in excess 0.9% normal saline. (B) The perceived blueness of each photographed sample is represented by the average red channel intensity. The red trace is given for the muscle sample whereas the blue is for fat tissue. There is an apparent inflection around 0.05 and 0.1 mg/ml where perceived blueness and red channel intensity rapidly change; these concentrations of methylene blue marked with an asterisk (\*) were used in all other experimentation in this work.