

Label-free histological imaging of tissues using Brillouin light scattering contrast: supplement

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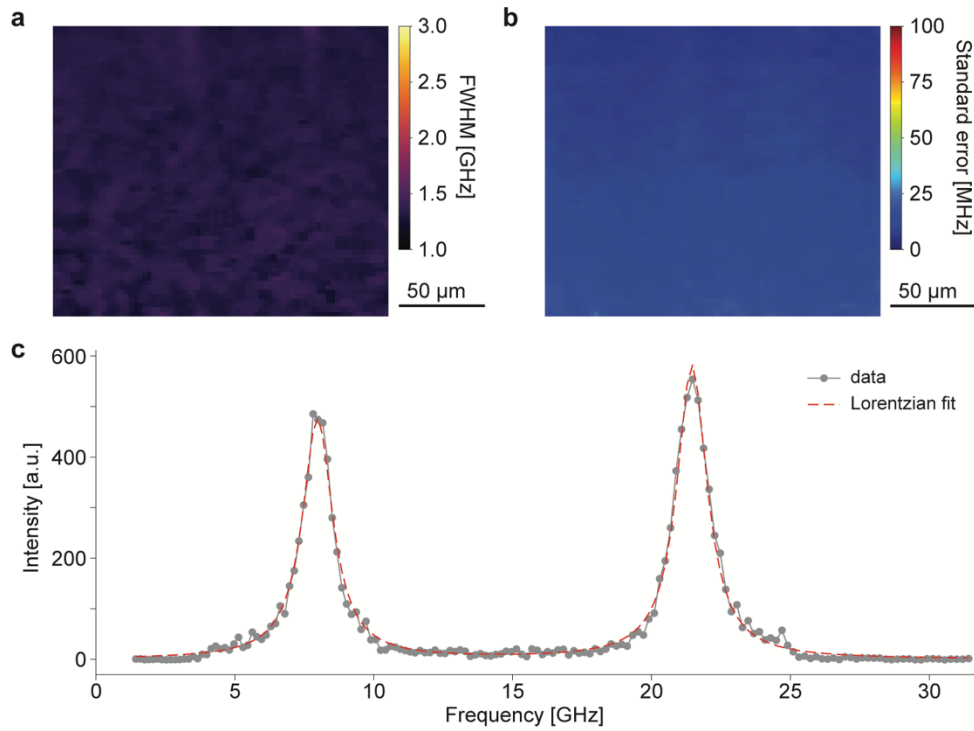


Fig. S1. Lorentzian fitting of muscle tissue data (from Fig. 1c). **a**, map of linewidths (FWHM) of the Brillouin peaks. **b**, map of uncertainties (reported as standard error) for the Brillouin shift values obtained from the Lorentzian fit. **c**, representative Brillouin spectrum from the muscle tissue with Lorentzian fit of the Stokes and anti-Stokes peaks (from two adjacent orders).

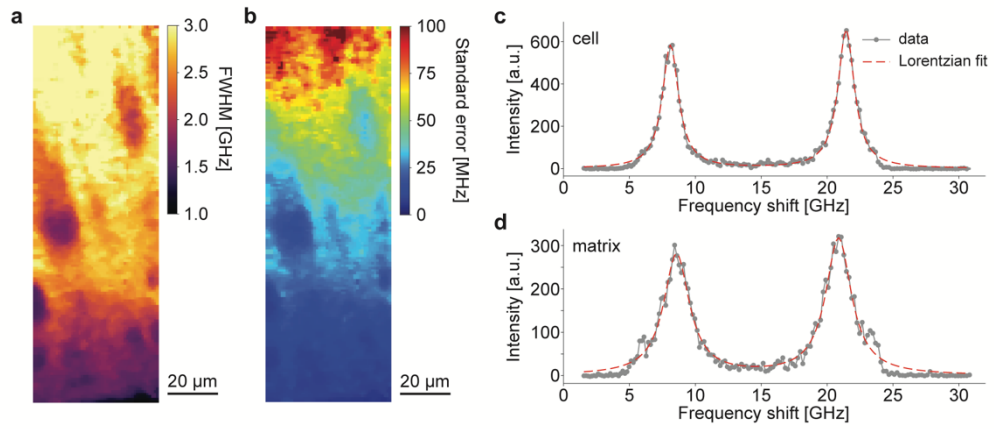


Fig. S2. Lorentzian fitting of cartilage tissue data (from Fig. 2d). **a**, map of linewidths (FWHM) of the Brillouin peaks. **b**, map of uncertainties (reported as standard error) for the Brillouin shift values obtained from the Lorentzian fit. **c**, **d**, representative Brillouin spectra from a cell (**c**) and the extracellular matrix (**d**) with Lorentzian fit of the Stokes and anti-Stokes peaks (from two adjacent orders).

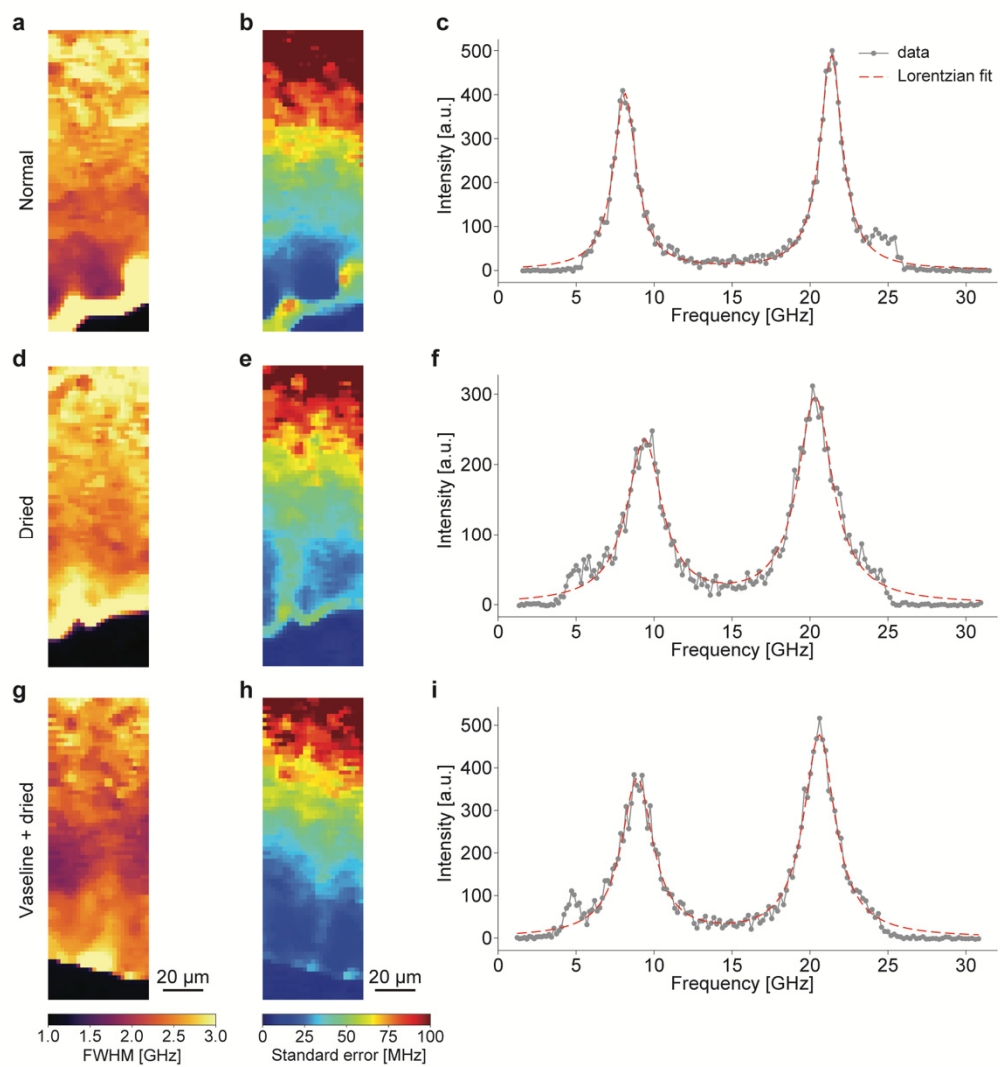


Fig. S3. Lorentzian fitting of skin epithelial tissue data (from Fig. 3a-c). Maps of linewidths (**a,d,g**), maps of Brillouin shift uncertainties (**b,e,h**) and representative Brillouin spectra (**j,f,i**) for normal, dried and Vaseline-treated skin epithelial tissue data, respectively.

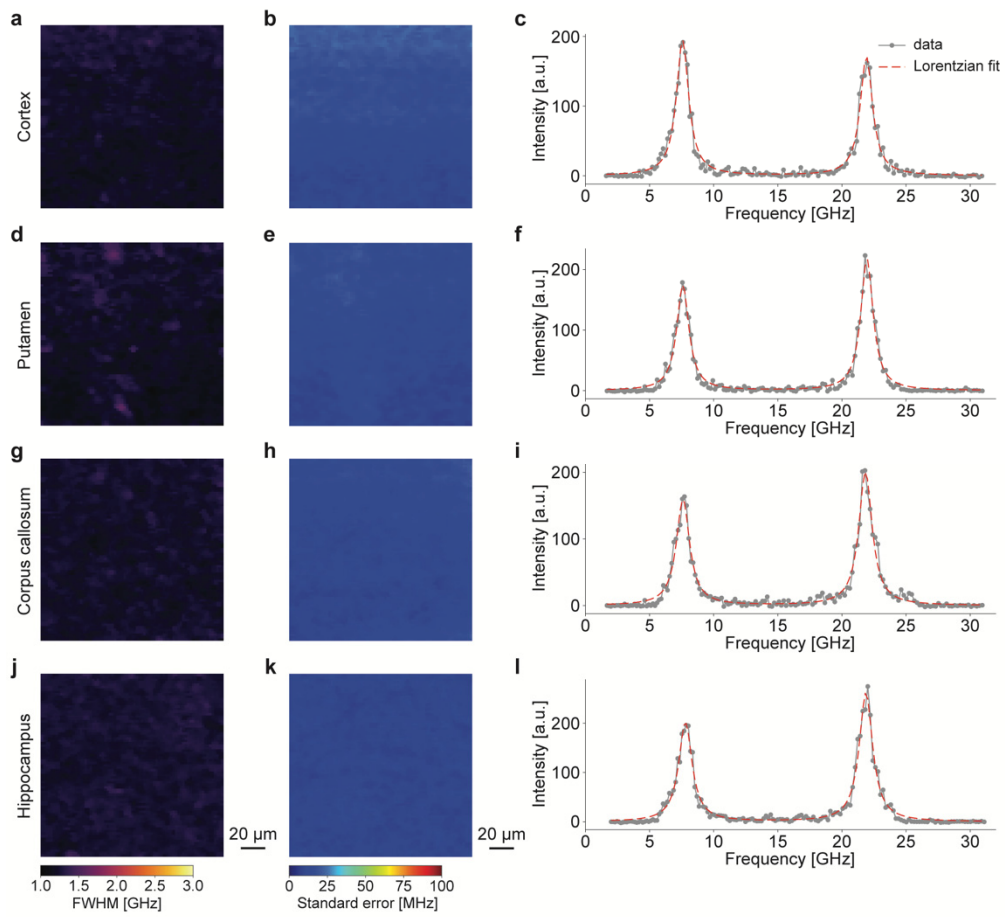


Fig. S4. Lorentzian fitting of brain tissue data (from Fig. 4b). Maps of linewidths (**a,d,g,j**), maps of Brillouin shift uncertainties (**b,e,h,k**) and representative Brillouin spectra (**j,f,l,l**) for cortex, putamen, corpus callosum, and hippocampus data, respectively.