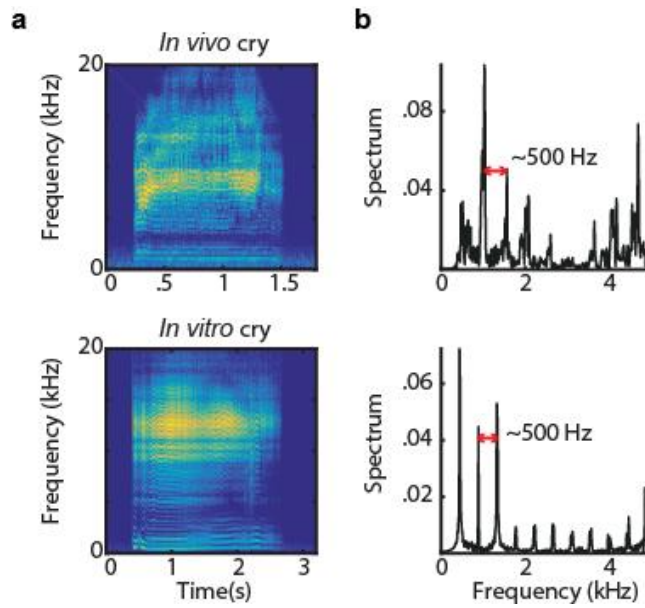


1 **Supplementary Information**

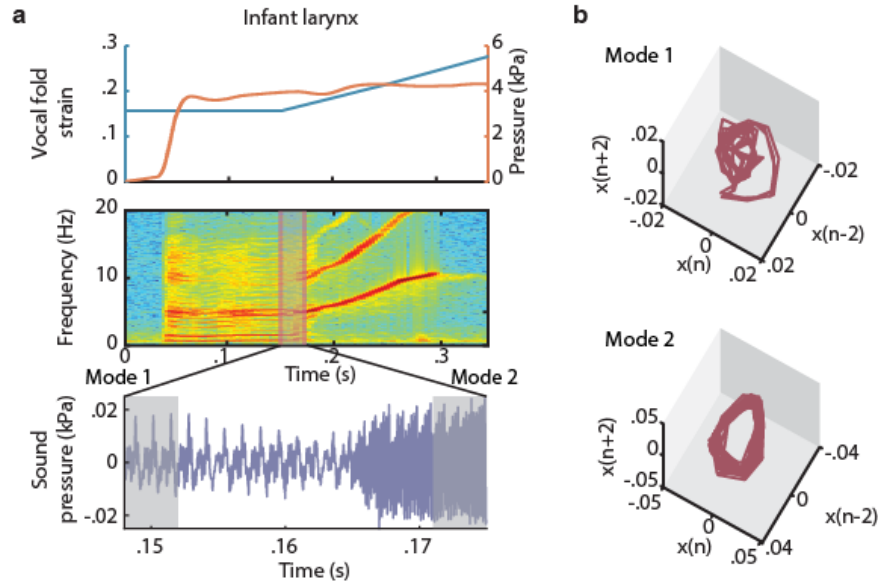
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5 **Supplementary Figure 1 | Comparison between *in vivo* cry and *in vitro* cry.** a, Spectrograms of a marmoset infant
6 cry (top) and cry-like sound generated from unstretched infant larynx (bottom). b, Spectra of the *in vivo* cry (top) and *in*
7 *vitro* cry (bottom). Both sounds are featured by a harmonic stack with ~500 Hz f_0 .



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10 **Supplementary Figure 2 | Two distinct vibratory modes during increasing vocal fold length.** **a**, Zoom-in view of
 11 acoustic signal in Figure 2D around the transition from low strain to high strain. **b**, Phase portraits of the two vibratory
 12 modes.

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