

Supplementary information:

4D (x-y-z-t) imaging of thick biological samples by means of Two-Photon inverted Selective Plane Illumination Microscopy (2PE-iSPIM).

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Supplementary figure legend:

Supplementary Video 1 3D rendering of mouse brain slices. 3D rendering of the entire volume of brain slices can be reconstructed by iSPIM in the non-linear regime.

Supplementary Video 2 3D stack of mouse brain slices. 3D stack of the entire volume of brain slices imaged by iSPIM in the non-linear regime.