

About this file: VYLNH_raw.zip

This ZIP file contains 72 serial tSEM images (8-bit tiff) acquired from the hippocampal area CA1 (stratum radiatum) from an acute slice prepared from a mouse injected with rAAV to express Chr2-GFP and mAPEX2.

How this image data set was prepared is described in the manuscript entitled: "Ultrastructure of light-activated axons following optogenetic stimulation to produce L-LTP".

The last three digits of the image file name indicate section number.

These images were aligned using FIJI/TrakEM2 to generate 3DEM series for analysis.

In addition to the serial tSEM images, the ZIP file contains an image of calibration grid (Tile_r1-c1_GC160316Slice3-6_cal.tif), which was used to calibrate pixel size.