

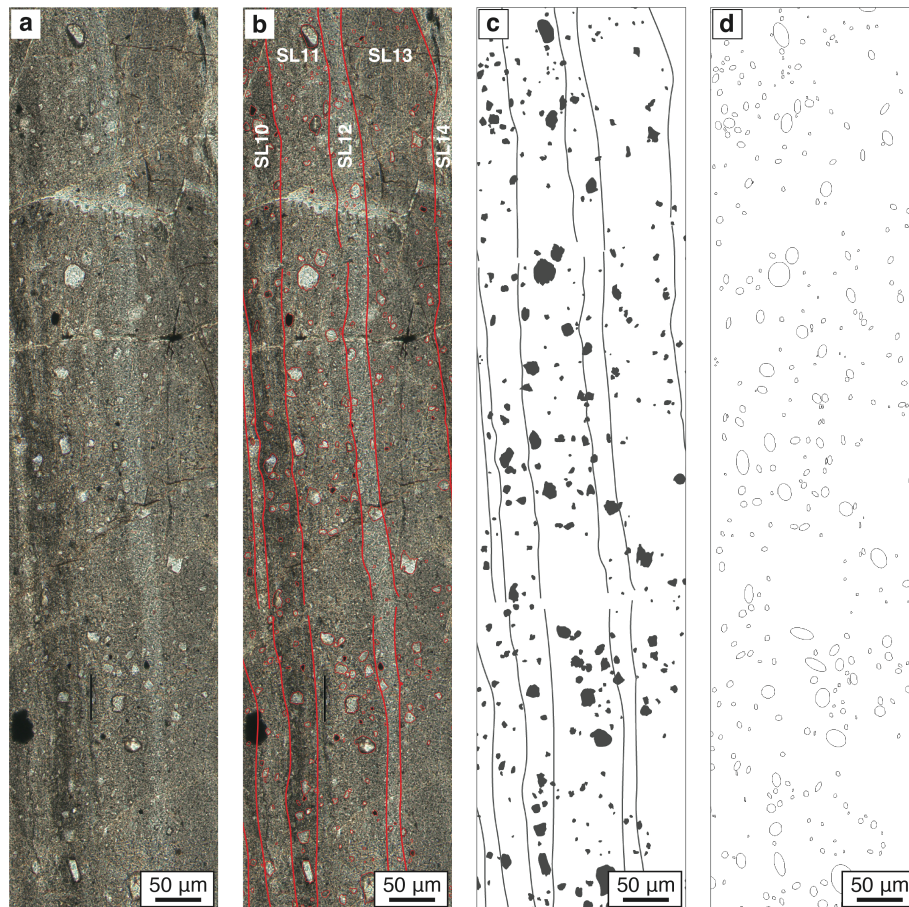
SUPPLEMENTARY INFORMATION

Coseismic turbulence-like flow of fault material along the shallow portion of a plate-subduction-related fault

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Supplementary Figure 1. Procedure for particle identification and analysis. **a**, Optical microscope image of part of a planar-laminated layer (Layer 2). **b**, Sublayer identifications in the planar-laminated layer. Most particle outlines were delineated freehand. SL, sublayer. **c**, Particle identification by using the image-processing software ImageJ. **d**, Automatic ellipse approximation of particles by using the same software. After identification of particles, the area-based equivalent circular diameter of all particles was analyzed by using the same software.