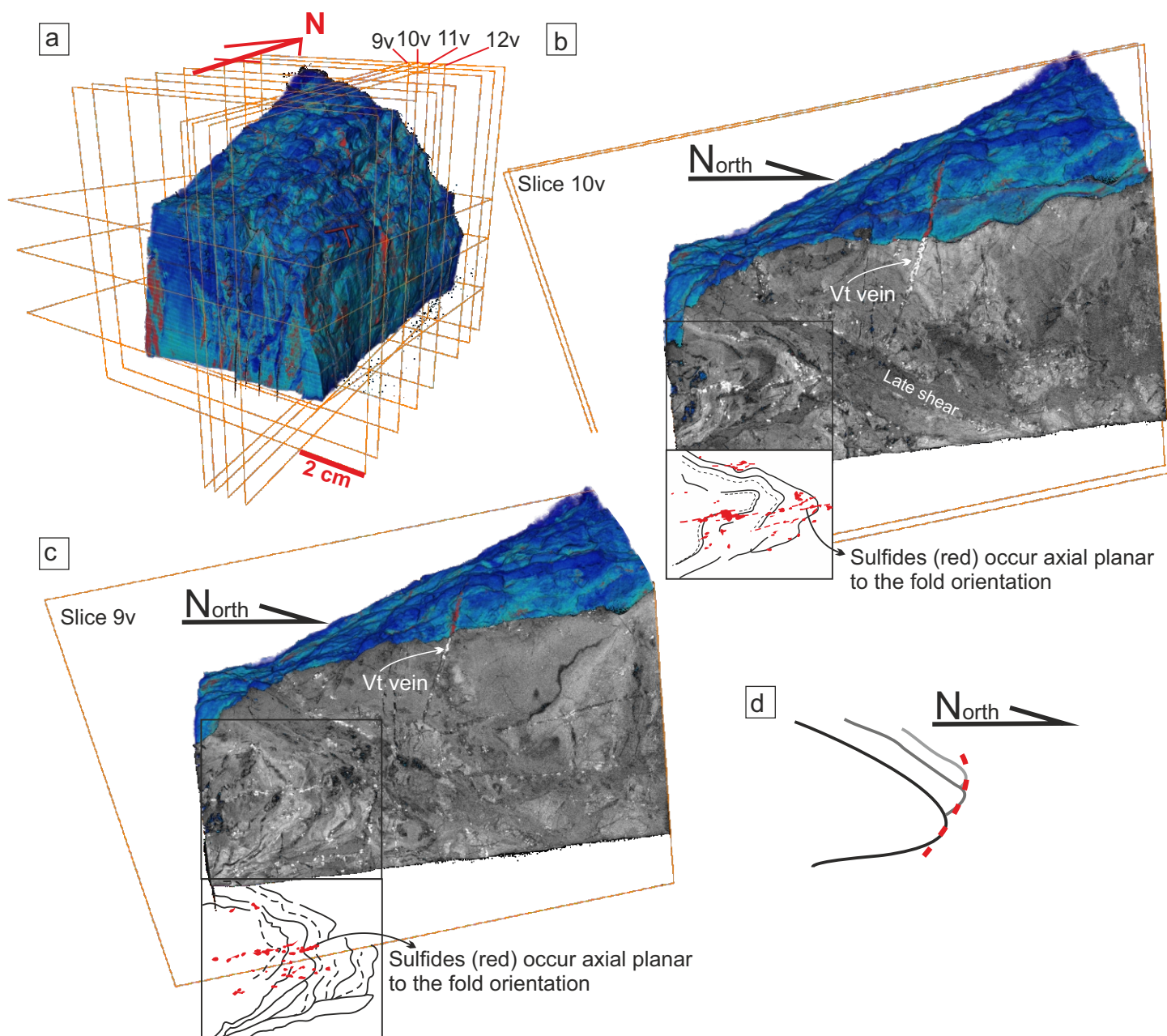




Online Resource 3 3-D volume rendering of sample Kittilä-01. **a** North-south vertical slices were used to determine the geometry of a recumbent fold preserved within the low-strain domain of S_R . **b** and **c** show vertical slices number 10 and 9, respectively, and the geometry of the fold. Note that sulfides occur parallel to the axial plane foliation. **d** Trace of an E-W trending fold axis (red dotted line) obtained from multiple N-S vertically oriented XCT slices (9v to 12v).