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Quantification of glomeruli number and glomerular volume using light sheet microscopy (LSFM) and 3D image analyses. Volume rendered and color-coded images of 3D reconstruction of representative kidneys from db/+, db/db and UNx db/db mice. Volume color coding ranges from ~30 (blue) to 300 × 1,000 mm³ (red). Adapted from Figure 1 of “Automated image analyses of glomerular hypertrophy in a mouse model of diabetic nephropathy” by Mette V. Østergaard, Frederikke E. Sembach, Jacob L. Skytte, Urmas Roostalu, Thomas Secher, Agnete Overgaard, Lisbeth N. Fink, Niels Vrang, Jacob Jelsing, and Jacob Hecksher-Sørensen. *KIDNEY* 360 1: 469–479, 2020. doi: 10.34067/KID.0001272019.