



Supplementary Figure 1. Processing of optical coherence tomography (OCT) imaging

A: Example of automated segmentation of a PXE OCT scan. The colored lines represent the 11 different surfaces and the corresponding retinal layers are presented at the right side. The vertical yellow lines represent A-scans that will be excluded from analysis. In this example, A-scans in which the outer retina was not completely intact were excluded. The black arrow indicates an angiod streak. **B:** For all selected A-scans, each layer was stretched using linear interpolation to the same standardized length of twice the maximum layer thickness within the B-scan. The reflectivity profile was created by taking the weighted median of all pixels at the same depth.