



**Supplementary Figure 1. Spectrum of foveal changes.** Horizontal (A, E, I, M, Q) and vertical (B, F, J, N, R) OCT scans. *Arrowheads* denote the outer edges of the region imaged in C, G, K, O and S. *Scale bar* = 200  $\mu\text{m}$ . Split-detection montages (C, G, K, O, S) showing spectrum of foveal structure from intact foveal structure (C,G,K,O) to foveal atrophy (S). *Boxes* represent cropped images in column 3 and *asterisks* represent foveal center. (D, H, L, P, T) Images showing close to normal cone density (D, H), transition zone from retained retinal structure to atrophy (P; *arrows*), and a region of polygonal structures hypothesized to be hypertrophied RPE cells (L,T; *arrows*). *Scale bar* = 100  $\mu\text{m}$ .