



eFigure 1. A),E) the clinical fundus images of subject2 and subject3. B),F)show cone montage around the foveal center of the subject2 and subject3. C),G) cone density map around the foveal center (the white square in panel A and E), white cross shows the peak cone density. D),H) show cone labeling, cone images is showed in the white box in panel C and G (S: superior, I: inferior, T: temporal and N: nasal).