



**Figure S1. There were no sex-specific effects on photoreceptor protection.** Bar graph plotting rd-W14/15-KLP and rd-W14/15-SC REC+ (photoreceptor + RPE) thickness over time separating female (F, red) and male (M, green) mice. Plots were generated using the ggplot package and statistical tests were carried out using R version 3.6.0. We investigated the potential for a sex-specific protective effect of the ketogenic & low protein diet using 3-factor ANOVA. There was no main effect of sex ( $p = 0.545$ ) and no significant interactions between independent variables.