

Figure S4. Heterozygous misexpression of codon optimized TDP-43 induces age dependent phenotype in the external eye. Transgenic flies expressing heterozygous CO-TDP-43 show mild eye phenotypes at 1-day post-eclosion (B) and severe eye phenotype at 10-day post-eclosion (D) exhibiting an age dependent affect compared to age matched controls (A and C). Scale bar: 100 nm. Genotype: (A) Canton S, (B) w¹¹¹⁸/+;*gl*-TDP-43^{CO}/+;+, (C) Canton S (D) w¹¹¹⁸/+;*gl*-TDP-43^{CO}/+;+.