Additional file 4: Figure S4. (TOP) Published, non-codon optimized (NCO) α Syn transgenic lines [ref. 18] show significantly reduced expression (~20-fold) compared to the codon-optimized (CO) transgene. (BOTTOM) $Rh1 > \alpha Syn^{NCO}$ shows highly-attenuated retinal toxicity. ERG depolarization amplitude is preserved with aging. On retinal histology minimal vacuolar changes are observed (compare with Fig. 2 and Fig. 3); frontal and tangential sections are shown for 30 day old $Rh1 > \alpha Syn^{NCO}$ animals).

