Supplementary materials for

Long-term Protection of Genetically-Ablated Rabbit Retinal Degeneration by Sustained Transscleral Unoprostone Delivery

Nobuhiro Nagai, Eri Koyanagi, Yasuko Izumida, Junjun Liu, Aya Katsuyama, Hirokazu Kaji,
Matsuhiko Nishizawa, Noriko Osumi, Mineo Kondo, Hiroko Terasaki, Yukihiro Mashima,
Toru Nakazawa, Toshiaki Abe*

*To whom correspondence should be addressed. E-mail: toshi@oph.med.tohoku.ac.jp

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Fig. S1. Photopic ERG at stimulus intensity of 0.050, 0.950 and 2.000 log [cd*s/m^2] in Tg rabbits (6-week old).

Fig. S2. Scotopic ERG at stimulus intensity of -1.523, -0.523 and 0.477 log [cd*s/m^2] in Tg rabbits (6-week old).

Fig. S3. Photopic ERG at stimulus intensity of 0.050, 0.950, 1.477 and 2.000 log [cd*s/m^2] in aged Tg rabbits (37-week old).

Fig. S4. Scotopic ERG at stimulus intensity of -1.523, -0.523, 0.477 and 1.477 log [cd*s/m^2] in aged Tg rabbits (37-week old).
1. Supplementary figure

**Fig S1.** Photopic electroretinography (ERG) data at stimulus intensity of 0.050 (A, B), 0.950 (C, D) and 2.000 (E, F) log [cd*second/m²] in Tg rabbits (6-weeks-old). Average ERG amplitudes of a- (A, C, E) and b-wave (B, D, F) in the groups treated with URD (blue rhombus), placebo-URD (red square) and non-treated (green triangle). Values are mean ± SD; n = 4. *P < 0.05, **P < 0.01: URD vs Placebo-URD, *P < 0.05, **P < 0.01: URD vs non-treated (one-way analysis of variance (ANOVA) with Tukey’s test).
Fig S2. Scotopic ERG data at stimulus intensity of -1.523 (A, B), -0.523 (C, D) and 0.477 (E, F) log [cd*second/m²] in Tg rabbits (6-weeks-old). Average ERG amplitudes of a- (A, C, E) and b-wave (B, D, F) in the groups treated with URD (blue rhombus), placebo-URD (red square) and non-treated (green triangle). Values are mean ± SD; n = 4. *P < 0.05, **P < 0.01: URD vs Placebo-URD, *P < 0.05, **P < 0.01: URD vs non-treated (one-way analysis of variance (ANOVA) with Tukey’s test).
Fig S3. Photopic ERG data at stimulus intensity of 0.050 (A, B), 0.950 (C, D), 1.477 (E, F) and 2.000 (G, H) log [cd*second/m²] in aged Tg rabbits (37-weeks-old). Average ERG amplitudes of a- (A, C, E, G) and b-wave (B, D, F, H) in the groups treated with URD (blue rhombus), placebo-URD (red square) and non-treated (green triangle). Values are mean ± SD; n = 4. *P < 0.05, **P < 0.01: URD vs Placebo-URD, +P < 0.05, ++P < 0.01: URD vs non-treated (one-way analysis of variance (ANOVA) with Tukey’s test).
Fig S4. Scotopic ERG data at stimulus intensity of -1.523 (A, B), -0.523 (C, D), 0.477 (E, F) and 1.477 (G, H) log [cd*second/m²] in aged Tg rabbits (37-weeks-old). Average ERG amplitudes of a-wave (A, C, E, G) and b-wave (B, D, F, H) in the groups treated with URD (blue rhombus), placebo-URD (red square) and non-treated (green triangle). Values are mean ± SD; n = 4. *P < 0.05, **P < 0.01: URD vs Placebo-URD, +P < 0.05, ++P < 0.01: URD vs non-treated (one-way analysis of variance (ANOVA) with Tukey’s test).