**Supplementary Figure S1.** Preservation of ERG wave amplitudes in hPi/rd10 mice correlates with hPi gene dosage. ERG wave amplitudes (b_{dim} (A), OP (B), a_{max} (C), b_{max} (D), b_{phot} (E), flicker (F)) were quantified in rd10, hemizygous (hemi hPi/rd10), homozygous (homo hPi/rd10) and wt mice at P30. Each circle represents a single animal. A non-parametric Kruskall-Wallis analysis was performed on all groups and significant differences were found for all variables (p<0.001). Non-parametric Mann-Whitney analysis showed significant differences between wt animals and rd10, hemi hPi/rd10 and homo hPi/rd10 (a, p<0.001; a’, no differences wt vs. homo hPi/rd10). Differences between homozygous hPi/rd10 and rd10 were significant for all values (b, p<0.001). Differences between the hemizygous hPi/rd10 and rd10 were significant for values of OP (B), a_{max} (C) and flicker (F) (c, p<0.005).