

Table S3. Relative amplitude of a wave and b wave in photopic ffERG.

Amplitude (μV)	Luminance (cd.s/m^2)	+/+	$Rbpms^{CreERT2/+}$	$Rbpms^{CreERT2/CreERT2}$
a wave (negative)	3	15.4 ± 3.6	18.4 ± 2.5 [#] $P = 0.6857$	14.2 ± 5.7 [#] $P = 0.9458$
	10	23.0 ± 2.2	22.3 ± 2.5 [#] $P = 0.9777$	17.9 ± 4.9 [#] $P = 0.3396$
	25	25.6 ± 2.3	22.8 ± 1.8 [#] $P = 0.7276$	23.3 ± 5.1 [#] $P = 0.8068$
	50	28.3 ± 1.1	25.8 ± 3.2 [#] $P = 0.7820$	28.9 ± 8.4 [#] $P = 0.9816$
	100	29.7 ± 2.2	29.8 ± 2.5 [#] $P = 0.9996$	26.5 ± 6.5 [#] $P = 0.6493$
	150	31.5 ± 1.6	27.0 ± 4.5 [#] $P = 0.4285$	27.9 ± 8.7 [#] $P = 0.5696$
b wave (positive)	3	113.8 ± 18.1	107.8 ± 14.9 [#] $P = 0.9440$	98.4 ± 22.6 [#] $P = 0.6826$
	10	132.6 ± 19.8	126.5 ± 15.1 [#] $P = 0.9421$	111.2 ± 26.6 [#] $P = 0.4819$
	25	154.5 ± 16.6	135.6 ± 19.9 [#] $P = 0.5629$	121.3 ± 33.2 [#] $P = 0.1793$
	50	160.4 ± 17.3	141.2 ± 13.0 [#] $P = 0.5553$	130.6 ± 36.4 [#] $P = 0.2483$
	100	166.2 ± 16.8	144.3 ± 14.1 [#] $P = 0.4668$	134.5 ± 31.0 [#] $P = 0.2075$
	150	176.3 ± 14.0	148.8 ± 17.5 [#] $P = 0.3049$	137.2 ± 35.6 [#] $P = 0.0957$

ffERG indicates full-field electroretinography. [#]represent P value v.s. +/+. Data represent the mean \pm SEM.