

Table S2. Relative amplitude of a wave and b wave in scotopic ffERG.

Amplitude (μV)	Luminance (cd.s/m^2)	+/+	<i>Rbpms</i> ^{CreERT2/+}	<i>Rbpms</i> ^{CreERT2/CreERT2}
a wave (negative)	0.001	52.1 \pm 3.3	43.3 \pm 8.2 [#] <i>P</i> = 0.8951	41.8 \pm 8.1 [#] <i>P</i> = 0.8587
	0.005	19.9 \pm 7.8	21.2 \pm 7.4 [#] <i>P</i> = 0.9978	21.4 \pm 9.2 [#] <i>P</i> = 0.9971
	0.01	42.9 \pm 6.6	39.0 \pm 7.3 [#] <i>P</i> = 0.9778	55.0 \pm 8.6 [#] <i>P</i> = 0.8134
	0.1	231.5 \pm 32.4	213.0 \pm 29.1 [#] <i>P</i> = 0.6118	225.0 \pm 26.2 [#] <i>P</i> = 0.9393
	0.5	344.4 \pm 17.9	307.0 \pm 27.9 [#] <i>P</i> = 0.1469	321.2 \pm 35.7 [#] <i>P</i> = 0.4679
	1	346.9 \pm 27.9	321.5 \pm 32.1 [#] <i>P</i> = 0.4050	338.0 \pm 55.7 [#] <i>P</i> = 0.8912
b wave (positive)	0.001	432.1 \pm 49.3	400.5 \pm 37.8 [#] <i>P</i> = 0.8421	423.1 \pm 67.3 [#] <i>P</i> = 0.9862
	0.005	416.7 \pm 54.3	380.0 \pm 41.0 [#] <i>P</i> = 0.7889	416.0 \pm 49.3 [#] <i>P</i> = 0.9999
	0.01	429.0 \pm 65.9	435.0 \pm 43.4 [#] <i>P</i> = 0.9930	461.5 \pm 47.1 [#] <i>P</i> = 0.8295
	0.1	547.9 \pm 128.0	552.3 \pm 43.0 [#] <i>P</i> = 0.9966	581.5 \pm 79.6 [#] <i>P</i> = 0.8233
	0.5	687.4 \pm 63.0	641.1 \pm 28.4 [#] <i>P</i> = 0.6933	671.2 \pm 87.3 [#] <i>P</i> = 0.9561
	1	682.1 \pm 106.4	671.8 \pm 25.0 [#] <i>P</i> = 0.9816	679.1 \pm 115.8 [#] <i>P</i> = 0.9984

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