

## **Epoxygenated Fatty Acids Inhibit Retinal Vascular Inflammation**

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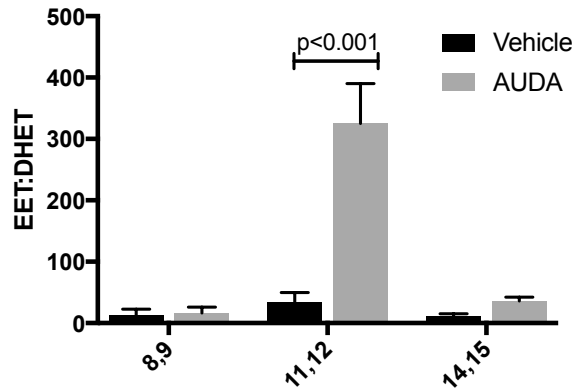
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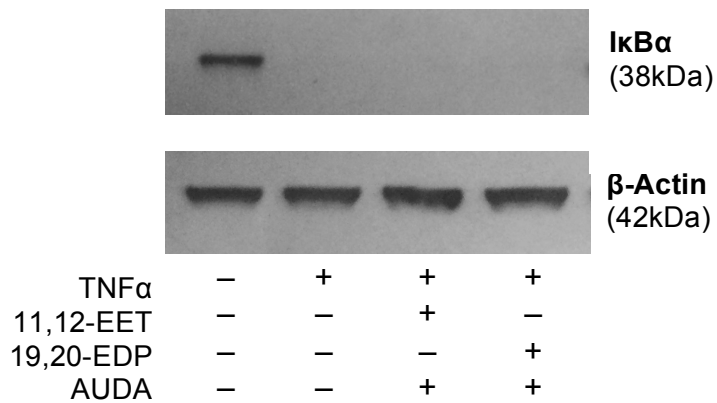
**Supplementary Information**

## Supplementary Figure S1



**Supplementary Figure S1. AUDA alters EET-to-DHET ratios.** To verify inhibition of epoxide hydrolysis by AUDA, EET:DHET ratio was measured in AUDA-treated HRMEC. EET:DHET for each isomer was increased, but only the ratio of the 11,12 regioisomer was significantly increased. Each bar represents mean  $\pm$  SD (n=3).

## Supplementary Figure S2



**Supplementary Figure S2. 11,12-EET and 19,20-EDP do not directly exert their effect on IκBα in retinal microvascular endothelial cells.** Treatment with 11,12-EET or 19,20-EDP with AUDA inhibition, as was used in the NFκB activity assay (**Figure 5**), did not prevent TNFα-induced IκBα degradation, suggesting an indirect mechanism of epoxygenated fatty acid inhibition of NFκB in HRMEC.