Oxylipin profiles as functional characteristics of acute inflammatory responses in astrocytes pre-treated with IL-4, IL-10 or LPS

Supplementary Information

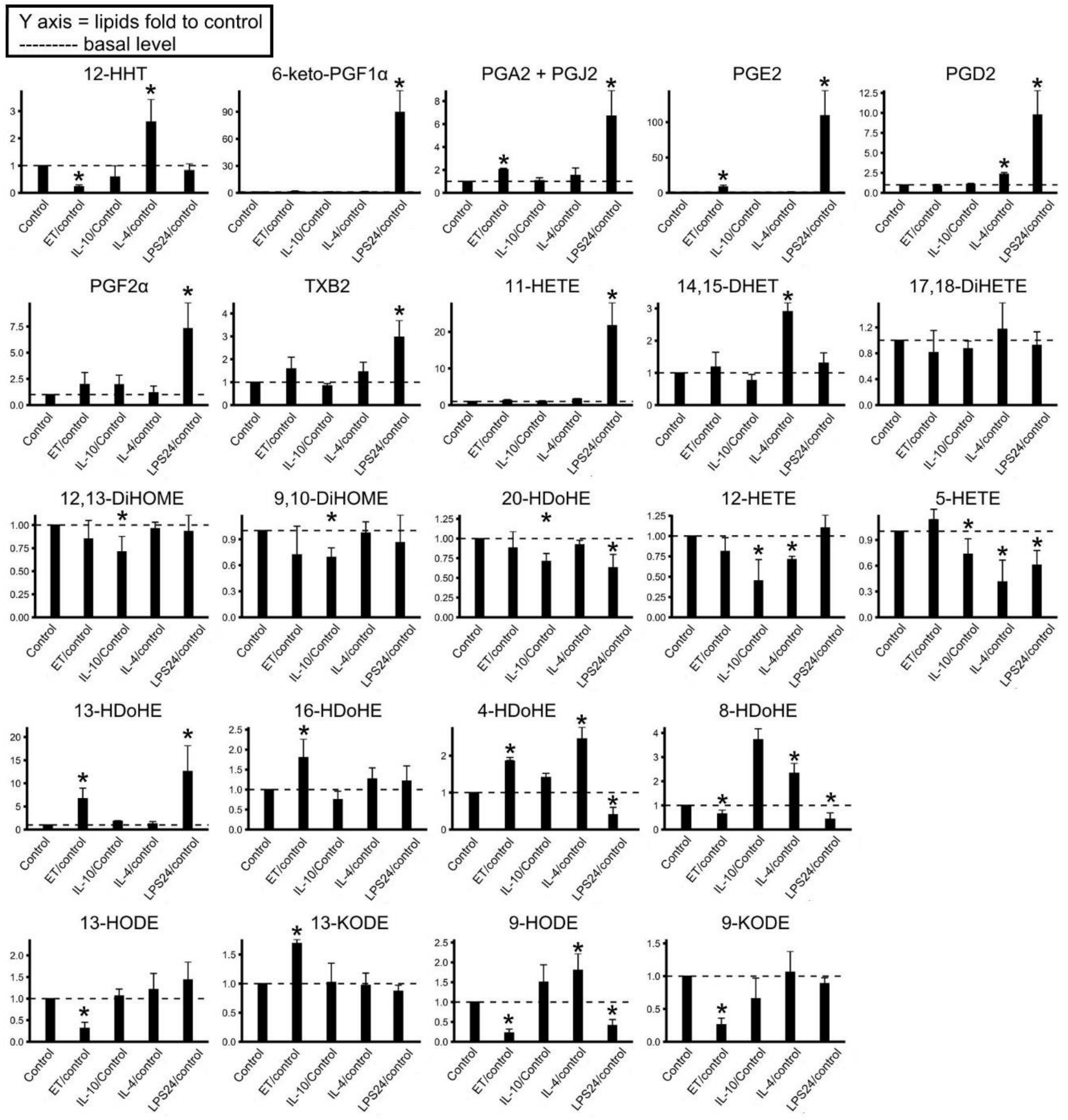

Figure S1. The effect of astrocyte polarization on the oxylipins release. Primary rat astrocytes were adapted to endotoxin in the tolerance model (ET, 10 ng/ml LPS, 48h) or pretreated with IL-10 (20 ng/ml) or IL-4 (10 ng/ml), or LPS (100 ng/ml) for 24 h. Concentrations of oxylipins in supernatants were measured using UPLC-MS/MS. Results are expressed as fold-changes, relative to untreated cells. *$p< 0.05$, compared with the unstimulated cells.

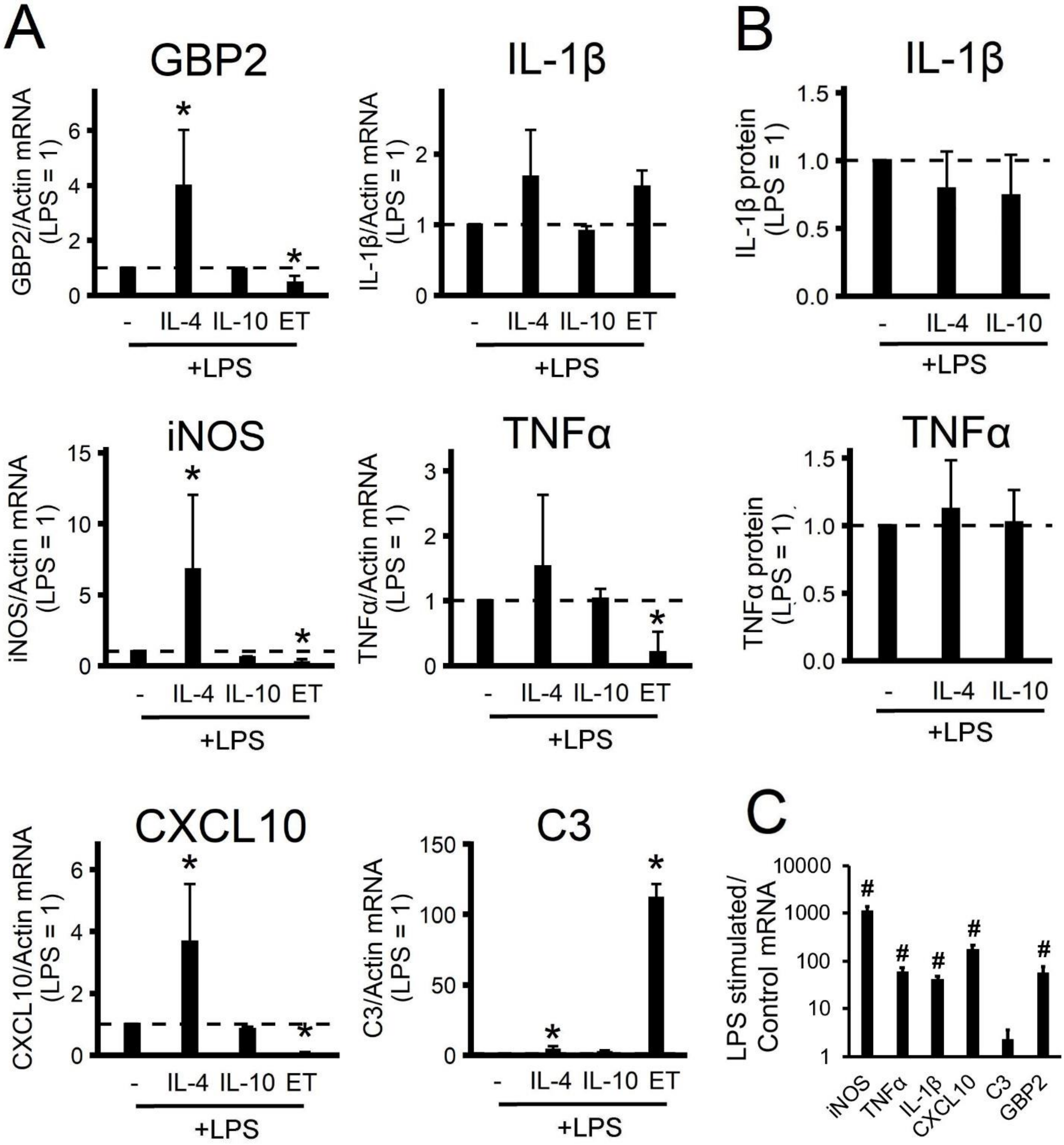

Figure S2. The effect of astrocyte polarization on the oxylipins release. Primary rat astrocytes were adapted to endotoxin in the tolerance model (ET, 10 ng/ml LPS, 48h) or pretreated with IL-10 (20 ng/ml) or IL-4 (10 ng/ml), or LPS (100 ng/ml) for 24 h and then stimulated with LPS (100 ng/ml) for 4 hours. Concentrations of oxylipins in supernatants were measured using UPLC-MS/MS. Results are expressed as fold-changes, relative to LPS-stimulated cells. *p< 0.05, compared with the LPS-stimulated cells.