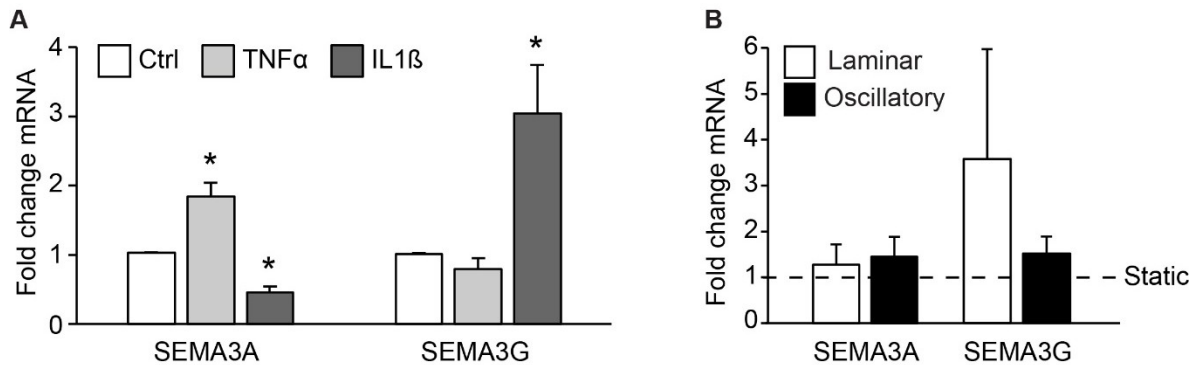




Supplemental Figures



Supplemental Figure S1. Regulation of SEMA3A and SEMA3G expression by inflammatory factors or shear stress. **(a)** SEMA3A and SEMA3G expression in HUVECs stimulated with the inflammatory factors, TNF α (10 ng/ml) or IL1 β (20 ng/ml) for 24 hours. Results are presented relative to untreated cells. Mean \pm SEM of $n=3$; * $p<0.05$. **(b)** Quantitative qPCR analysis of SEMA3A or SEMA3G mRNA isolated from HUVECs cultured under laminar or oscillatory flow conditions (10 dyn/cm²) for 7 days compared to static culture conditions. Results are presented relative to static cultured cells, set as 1. Mean \pm SEM of $n=3$.