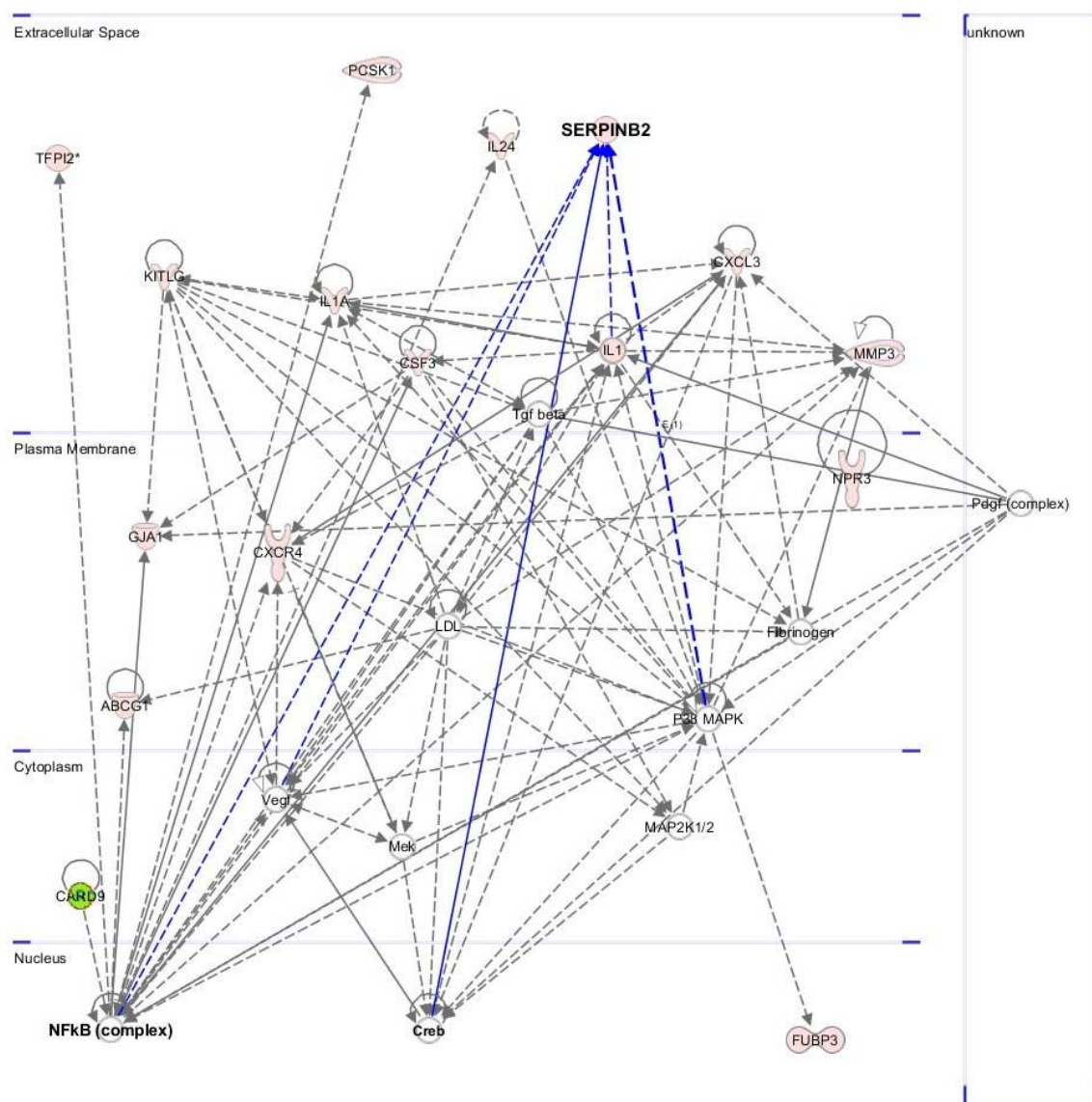


Eaton et al.

Cysteinyl leukotriene signaling through perinuclear CysLT₁ receptors on vascular smooth muscle cells transduces nuclear calcium signaling and alterations of gene expression



Supplementary Fig 1. Functional gene network associated with upregulation by LTC₄ stimulation (derived from Ingenuity Pathway analysis). Network shown, suggested to be implicated in cellular movement and hematopoietic system function, was found to be markedly upregulated (Fishers' exact test score 1×10^{-35}) by LTC₄ stimulation based on analysis of significantly differentially expressed genes (Table 1). Red shading indicates significantly upregulated genes. Intensity of the shading is proportional to the fold change. Interactions involving PAI-2 are highlighted in blue.