



S2 Figure. Ex vivo carotid tissue increases proteinase expression after stimulation with either IL-1 isoform. (A) Western blot demonstrates the presence of pro- and cleaved MMP-1 in ex-vivo tissue culture-conditioned media. Densitometric analyses of the three experiments shown were further corrected according to total protein extracted from tissue. (B) Gelatin zymography of ex-

vivo tissue culture -conditioned media demonstrates that IL-1 isoforms tend to up-regulate activity detected at 92kDa, corresponding to pro-MMP-9, while no change to cleaved MMP-2 activity was appreciated (64 kDa band). Densitometric analyses of seven experiments were further corrected according to total protein extracted from tissue. C= control samples, α = IL-1 α -treated samples, β = IL-1 β -treated samples.