

Supplementary Figures

Table 1- Amino acid sequence for different fragments of IL-1 β

<p>31 kDa</p> <p>Pro IL-1β</p> <p>Full Length</p>	<p>MAEVP ELASEMMAYYS GNEDDLFFEADGPKQM KCSFQDL DLCPLDGGIQLRISDHHSYKGF</p> <p>RQAASVVVAMD KLRKMLVPCPQTFQEN DLSTFFPFIFEEPIFFDTWDNEAYVHDAPVRS LN</p> <p>CTLRDSQQKSLVMSGPYELKALHLQGQDMEQQVVFMS SFVQGEESNDKIPVALGLKEKNLY</p> <p>LSCVLKDDKPTLQLESVDPKNYPKKKMEKRFVFNKIEINN KLEFESAQFPNWIYSTSQ AENM</p> <p>PVFLGGTKGGQDITDFTMQFVSS</p>	<p>269 aa</p>
<p>28kDa</p> <p>fragment of</p> <p>IL-1β</p>	<p>GPKQM KCSFQDL DLCPLDGGIQLRISDHHSYKGF RQAASVVVAMD KLRKMLVPCPQTFQEN</p> <p>DLSTFFPFIFEEPIFFDTWDNEAYVHDAPVRS LNCTLRDSQQKSLVMSGPYELKALHLQGQD</p> <p>MEQQVVFMS SFVQGEESNDKIPVALGLKEKNLYLSCVLKDDKPTLQLESVDPKNYPKKKME</p> <p>KRFVFNKIEINN KLEFESAQFPNWIYSTSQ AENMPVFLGGTKGGQDITDFTMQFVSS</p>	<p>242 aa</p>
<p>17kDa</p> <p>mature</p> <p>form of IL-1β</p>	<p>APVRS LNCTLRDSQQKSLVMSGPYELKALHLQGQDMEQQVVFMS SFVQGEESNDKIPVALG</p> <p>LKEKNLYLSCVLKDDKPTLQLESVDPKNYPKKKMEKRFVFNKIEINN KLEFESAQFPNWIYIS</p> <p>TSQAENMPVFLGGTKGGQDITDFTMQFVSS</p>	<p>153 aa</p>

Table 2- List of Primers used

Gene	Position	Primers	Genebank #	Universal Probe
GAPDH	129-145	agccacatcgctcagacac	NM_002046.5	60
	173-192	gccaatacgaccaaattcc		
IL-1 β	640-659	ctgtcctgcgtgtgaaaga	NM_000576.2	78
	687-709	ttgggtaattttgggatctaca		
CCL3	232 - 258	cagaatttcatagctgactactttgag	NM_002983.2	71
	290 - 309	gcttcgcttggttaggaaga		
MMP-9	129-145	gaaccaatctcaccgacagg	NM_004994.2	06
	173-192	gccacccgagtgaaccata		

For IL-6, TNF- α and TIMP-1 gene expression, pre-validated human TaqMan primer and probe sets were used (Fisher Scientific).