Influence of inflammasome pathway activation in macrophages on the matrix metalloproteinase expression of human hepatic stellate cells

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Stress responses in fishes: from molecular to evolutionary processes

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Control Z-YVAD-FMK

Infliximab Anakinra

A **B** **C** **D**

A*MMP-1* **B***MMP-3* **C***MMP-9* **D***TIMP-1*

A

B

C

D

E

■ Anakinra 1 $\mu\text{g/mL}$

Table 1 - Primers used in this study for real-time PCR assay.

Human Gene name	Forward sequences 5' -> 3'	Reverse sequences 5' -> 3'
GAPDH	ATGACATCAAGAAGGTGGTG	CATACCAGGAAATGAGCTTG
NLRP1	GGACTGACGATGACTTCTGG	ATCACAAAGCAGAGACCCG
NLRP3	GTGTTTCGAATCCCACTGTG	TCTGCTTCTCACGTACTTTCTG
NLRC4	CAGTCCCCTCACCATAGAAG	TCAAGTTACCCAAGCTGTCAG
NLRP6	TCTTCATCCACTCTTTCAGGC	CTCAGAAAGGTCTCGGCAG
AIM2	TGAAACCCCGAAGATCAACAC	CCCAGTACTTCCATTTTCCCAG
MMP3	GACAAAGGATACAACAGGGAC	TGAGTGAGTGATAGAGTGGG
MMP9	CGAACTTTGACAGCGACAAG	CACTGAGGAATGATCTAAGCCC
COL1A1	CCGGCTCCTGCTCCTCTTAGCG	CGTTCTGTACGCAGGTGATTGGTGG
ACTA2	CATCCTCATCCTCCCTTGAG	ATGAAGGATGGCTGGAACAG