

Divergent effect of Birinapant, BV6 SMAC mimetic on TNF α induced NF- κ B signaling and cell viability in activated hepatic stellate cell

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Table S1: Quantitative PCR (qPCR) human primer nucleotide sequences

Gene Symbol	Accession No.	Nucleotide Sequence (5' to 3')	
cIAP1 (BRIC2)	NM_001166.5	Forward	CTTTTGTGTTGTGATGGTGGCT
		Reverse	CCACTTGGCATGTTCTACCCA
cIAP2 (BRIC3)	NM_001165.5	Forward	CCAAGTGGTTTCCAAGGTGT
		Reverse	TTTCATCTCCTGGGCTGTCT
Collagen Type I α (I) chain (COL1A1)	NM_000088	Forward	GACGAGACCAAGAACTGCCC
		Reverse	TTGGTCGGTGGGTGACTCT
Vimentin (VIM)	NM_003380.5	Forward	AGGCGAGGAGAGCAGGATTT
		Reverse	AGTGGGTATCAACCAGAGGGA
α -Smooth Muscle Actin (α -SMA)	NM_001141945	Forward	CAATGGCTCTGGGCTCTGTAA
		Reverse	ACCATCACCCCTGATGTCT
CD14	NM_000591	Forward	TGCCGCTGTGTAGGAAAGAA
		Reverse	CGCGCTCCATGGTCGATA
CD68	NM_001251	Forward	CCTCCAAGCCCAGATTCAGA

		Reverse	CACAGCTTCCCTGGACCTTG
CD80	NM_005191	Forward	GCAGGGAACATCACCATCCA
		Reverse	ACGTGGATAACACCTGAACAGA
CD86	NM_175862	Forward	TCCCCCAGACCACATTCCTTG
		Reverse	TCTTCCCTCTCCATTGTGTTGG
Tumor necrosis factor- α (TNF- α)	NM_000594	Forward	CCCATGTTGTAGCAAACCCTC
		Reverse	TATCTCTCAGCTCCACGCCA
Interleukin-1 β (IL-1 β)	NM_000576	Forward	AGCTCGCCAGTGAAATGATG
		Reverse	TCGGAGATTCGTAGCTGGATG
Interleukin-6 (IL-6)	NM_000600	Forward	TAGTGAGGAACAAGCCAGAGC
		Reverse	TGGGTCAGGGGTGGTTATTG
CD206	NM_002438	Forward	CACGATCCGACCCTTCCTTG
		Reverse	GCTTGCAGTATGTCTCCGCT
CD209	NM_001144897	Forward	GAGTTCTGGACACTGGGGGA
		Reverse	AAGACACCCTGCTAAGCTCT
Interleukin-10 (IL-10)	NM_000572	Forward	AAGACCCAGACATCAAGGCG
		Reverse	AATCGATGACAGCGCCGTAG
Transforming growth factor- β 1 (TGF- β 1)	NM_000660	Forward	GCCGTGGAGGGGAAATTGAG
		Reverse	GAACCCGTTGATGTCCACTTGC
Fibronectin (FN1)	NM_212482	Forward	TGGGCAACTCTGTCAACGAA
		Reverse	CCACTCATCTCCAACGGCAT
18S rRNA	NM_022551	Forward	GCAATTATTCCCCATGAATG
		Reverse	GGCCTCACTAAACCATCCAA

Table S2: Primary and secondary antibodies details

Target Protein	Company	Application	Dilution
cIAP2	Abcam, #ab32059	Immunoblot	1:1000
Phospho-I-kappa-B-alpha (Ser32/36) (5A5)	CST, #9246	Immunoblot	1:1000
NF-kappa-B p65 (D14E12)	CST, #8242	Immunoblot	1:1000
NIK	CST, #4994	Immunoblot	1:1000
α Tubulin	CST, #2144	Immunoblot	1:2000
Anti-rabbit HRP-conjugated secondary antibody	Jackson Immuno Research, #111-035-144	Immunoblot	1:10,000
Anti-mouse HRP-conjugated secondary antibody	Jackson Immuno Research, #115-035-003	Immunoblot	1:10,000