

Effectiveness of Immature Asian Pear Extract on Pulmonary injury Caused by Particulate Matter in Mice

Mi Ran Kim ^{1,†}, Jin-Hwa Lee ^{1,†}, Mo-Un Ku ², Ki-Young Kim ³, Su Shin ³, Eun-Jin Hong ³, Sae Kwang Ku ^{4,*}, and Jae-Suk Choi ^{1,*}

¹ Department of Seafood Science and Technology, The Institute of Marine Industry, Gyeongsang National University, Tongyeong 53064, Republic of Korea; ; 210217@gnu.ac.kr (M.R.K.); evolution_5237@naver.com (J.-H.L.)

² Department of Biomedical Laboratory Science, College of Health and Welfare, Kyungwoon University, Gumi 39160, Republic of Korea; 202121018@ikw.ac.kr

³ Research Institute, BIO PORT KOREA INC., Busan 46034, Republic of Korea; kyk1967@bioportkorea.com (K.-Y.K.); sshin@bioportkorea.com (S.S.); ejhong@bioportkorea.com (E.-J.H.)

⁴ Department of Anatomy and Histology, College of Korean Medicine, Daegu Haany University, Gyeongsan 38610, Republic of Korea

* Correspondence: gucci200@dhu.ac.kr (S.-K.K.); jsc1008@gnu.ac.kr (J.-S.C.); Tel.: +82-53-819-1549 (S.-K.K.); +82-55-772-9142 (J.-S.C.);

† These authors contributed equally.

Table S1. Oligonucleotides for quantitative RT-PCR used in this study

Target	5' – 3'	Sequence	GenBank Accession Number
NFκB	Forward	GCTGCCAAAGAAGGACACGACA	NM_008689
	Reverse	GGCAGGCTATTGCTCATCACAG	
PTEN	Forward	TGAGTTCCCTCAGCCATTGCCT	NM_008960
	Reverse	GAGGTTTCCTCTGGTCCTGGTA	
p38 MAPK	Forward	CCGAACGATACCAGAACCTGTC	NM_011951
	Reverse	ACGCAACTCTCGGTAGGTCCTT	
PI3K	Forward	ACCATCAGTGGCTCTGCGGTTT	NM_008840
	Reverse	GTGGTCTTCTGGGAACCTCACCT	
Akt	Sense	GGACTACTGCACTCCGAGAAG	NM_009652
	Antisense	CATAGTGGCACCCTCCTTGATC	
MUC5AC	Sense	CCACTTTCCTTCTCCACACC	NM_010844
	Antisense	GGTTGTCGATGCAGCCTTGCTT	
MUC5B	Sense	CTGAAGACCTGTCGGAACCCAA	NM_028801
	Antisense	GCCACACACTTCATCTGGTCCT	
Bcl-2	Sense	CCTGTGGATGACTGAGTACCTG	NM_009741
	Antisense	AGCCAGGAGAAATCAAACAGAGG	
Bax	Sense	AGGATGCGTCCACCAAGAAGCT	NM_007527
	Antisense	TCCGTGTCCACGTCAGCAATCA	
β-actin	Sense	CATTGCTGACAGGATGCAGAAGG	NM_007393
	Antisense	TGCTGGAAGGTGGACAGTGAGG	

RT-PCR = Reverse transcription polymerase chain reaction; NF-κB = Nuclear factor kappa-light-chain-enhancer of activated B cells; MAPK = Mitogen-activated protein kinases; PTEN = Phosphatase and tensin homolog, PI3K = Phosphoinositide 3-kinase; Akt = Protein kinase B; Bcl-2 = B-cell lymphoma 2; Bax = Bcl-2-associated X protein.

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