

Role of $\alpha 7$ -nicotinic acetylcholine receptor in nicotine-induced invasion and epithelial-to-mesenchymal transition in human non-small cell lung cancer cells

SUPPLEMENTARY TABLE

Supplementary Table S1: The primer sequences used for PCR

A. The primer sequences used for PCR of nAChR subunits

Gene	Primer Sequence (5' - 3')	Fragment (bp)
$\alpha 1$ NAChR_F	gaatgagcaatgggtggattac	452
$\alpha 1$ NAChR_R	tgacgaagtggtaggtgatgtc	
$\alpha 2$ NAChR_F	gtctggctaaaacaggagtggag	499
$\alpha 2$ NAChR_R	ggatgatgaggttgatggtgta	
$\alpha 3$ NAChR_F	tggtgaaggtggatgaagtaa	490
$\alpha 3$ NAChR_R	gagtatgtgatgctgggtaga	
$\alpha 4$ NAChR_F	ggatgagaagaaccagatgatga	487
$\alpha 4$ NAChR_R	gacgaaggcataggtgatgtc	
$\alpha 5$ NAChR_F	atggagaatgggagattgtgag	386
$\alpha 5$ NAChR_R	tgaggaagaacgatgatgaatg	
$\alpha 6$ NAChR_F	caagtagaaggcaaaacaaaagc	464
$\alpha 6$ NAChR_R	aacacagtcagagaaagcaggac	
$\alpha 7$ -nAChR_F	tgactcgaaccactcacc	499
$\alpha 7$ -nAChR_R	gcactcatagaaccttctactcc	
$\beta 1$ NAChR_F	cctgctgaccttactgtgttc	363
$\beta 1$ NAChR_R	ggtttgggaagagaaaatcac	
$\beta 2$ NAChR_F	ctggaagcctgaagagttgac	452
$\beta 2$ NAChR_R	ggatgatgaggttgatggtgta	
$\beta 3$ NAChR_F	cggagaatgggaaataactgaac	354
$\beta 3$ NAChR_R	aacacggtaacaatgatggaca	
$\beta 4$ NAChR_F	aacaggaatggactgattaccg	480
$\beta 4$ NAChR_R	ggatgatgaggttgatggtgta	
β -ACTIN_F	ctgggacgacatggagaaaa	434
β -ACTIN_R	aagggaaggctggaagagtgctc	

B. Primer sequences used for genes of epithelial and mesenchymal markers

Gene	Primer Sequence (5' - 3')	Fragment(bp)
Cdh1_F1	cttctgctgatcctgtctgatg	322
Cdh1_R1	agtcacacacgctgacctctaa	
VIM_F	tacaaatccaagttgctgacct	500
VIM_R	tcgttgataacctgtccatctct	
SNAI2_F1	caaaaccagagatcctcacctc	349
SNAI2_R1	gatttctagactgggcatcac	
SNAI1_F1	atccagagttacctccagca	409
SNAI1_R1	tcctgttcagatttgcagt	
CTNNB1_F1	tccaagtcctgtatgagtgg	414
CTNNB1_R1	agcagacaccatctgaggaga	
CDH2_F	gggtaatcctccaaatcaaat	455
CDH2_R	taatgaagtcaccaatgtctcc	
CLDN1_F1	agaagatgaggatggctgtca	249
CLDN1_R1	ttggtgtgggtaagaggttg	
TWIST1_F1	gtccgcagctctacaggag	148
TWIST1_R1	gtctgaatcttctcagcttgc	
CLDN1_F1	agaagatgaggatggctgtca	249
CLDN1_R1	ttggtgtgggtaagaggttg	
TWIST1_F1	gtccgcagctctacaggag	148
TWIST1_R1	gtctgaatcttctcagcttgc	
β -actin_F	ctgggacgacatggagaaaa	434
β -actin_R	aaggaaggctggaagagtgc	