

## Supplementary materials

### The Risk G Allele of the Single-Nucleotide Polymorphism rs928413 Creates a CREB1-Binding Site that Activates *IL33* Promoter in Lung Epithelial Cells

Table S1.

<i>Primers for amplification of IL33 promoter, point mutagenesis in IL33 promoter</i>	
Prom fw	GCGAAGCTTACCATTGAGTACAACCAGAA
Prom rev	AATCCATGGTATTTCAGTCTTACCTTGTGA
SNP replace Promoter fw	TTAATAGTTACGAGAGCAT
SNP replace Promoter rev	ATGCTCTCGTAACTATTAAA
CREB1 site mutation A fw	TTAATAGCCCCAAGAGCAT
CREB1 site mutation A rev	ATGCTCTGGGGCTATTAAA
CREB1 site mutation G fw	TTAATAGCCCCGAGAGCAT
CREB1 site mutation G rev	ATGCTCTCGGGGCTATTAAA
<i>Primers for amplification of fragments for pull-down assay</i>	
Pull-down fw	GAAAGGCAGATCAGGAGAGA
Pull-down rev	TTCATTCCCACAACACCGAT
Pul-down control fw	TGATCTCGAACTCCTGACCT
Pull-down control rev	GTGCTGTGATTACAGGTGTG
<i>Primers for real-time RT-PCR</i>	
CREB1 fw	ACCACCGGTAACATAAATGACCA
CREB1 rev	CCCATTGGGCAGCTGTACT
$\beta$ -actin fw	TGCGTGACATTAAGGAGAAG
$\beta$ -actin rev	GTCAGGCAGCTCGTAGCTCT
<i>siRNAs for CREB1 knockdown</i>	
siRNA sense	GGAGGAGAGUCGCUACCUAtt
siRNA antisense	UAGGUAGCGACUCUCCUCtg
Scrambled sense	GGUCGGCACACGUGAUGAAtt
Scrambled antisense	UUCAUCACGUGUGCCGACCtg

Fw: forward primer; rev: reverse primer.