

## Additional file 3

### Primer pairs used by quantitative real time RT-PCR

Target	NM number	Sequence Primer sense (5'-3')	Sequence Primer antisense (5'-3')	Used for
<i>IL-8</i>	000584.3	TGCCAAGGAGTGCTAAAG	CTCCACAACCCTCTGCAC	A549 cells, 16HBE14o- cells
<i>IL-8</i>	000584.3	ACCACACTGCGCCAACAC	CTTCTCCACAACCCTCTGCAC	Calu-3 cells
<i>HPRT1</i>	000194.2	GACCAGTCAACAGGGGACAT	CTTGCGACCTTGACCATCTT	A549 cells, 16HBE14o- cells
<i>HPRT1</i>	000194.2	GTCAGGCAGTATAATCCAAAGA	GGGCATATCCTACAACAAACT	Calu-3 cells
<i>Cyp1a1</i>	009992.4	TTCCTGTCTCCGTTACCTG	CCTGTCTGACAATGCTCAA	Mouse airways
<i>Cyp1b1</i>	009994.1	TTACGGACATCTTCGGAGCC	AACCTGGTCCAACCTCAGCC	Mouse airways
<i>Gpx3</i>	008161.3	CAGGCGAGAAGCTCGGAGATA	AGCGGATGTCATGGATCTTC	Mouse airways
<i>Gr</i>	010344.4	TCGGAATTCATGCACGATCAC	TGTTCAAGGCGGCTCACATAG	Mouse airways
<i>IL-6</i>	031168.1	CTCCCAACAGACCTGTCTATAC	GTGCATCATCGTTGTTTCATAC	Mouse airways
<i>KC (Cxcl1)</i>	008176.3	CAGACCATGGCTGGGATTC	GAACCAAGGAGCTTCAG	Mouse airways
<i>Rpl32</i>	172086.2	AAAATTAAGCGAACTGGCG	ATTGTGGACCAGGAACCTTGC	Mouse airways

### Probes used by quantitative real time RT-PCR

Target	NM number	Sequence TaqMan FAM-TAMRA (5'-3')
<i>Cyp1a1</i>	009992.4	CTTCCCTGGATGCCTTCAAGGACTTGAATG
<i>Cyp1b1</i>	009994.1	CCTTTCCACCGCGCTGCTGTGGCTG
<i>Gpx3</i>	008161.3	CAAGTATGTTTCGACCAGGTGGGGCTTTG
<i>Gr</i>	010344.4	GGCTTTCAAAGCTGTGAGGGTAAATTCAGTTGG
<i>IL-6</i>	031168.1	TGCCATTGCACAACCTTTTCTCATTTCCACG
<i>KC (Cxcl1)</i>	008176.3	CCTCGCGACCATTCTTGAGGTGGCTATGAC
<i>Rpl32</i>	172086.2	CATTGACAACAGGGTGCGGAGAAGTTTC