

Supplementary Table 1: List of real-time PCR primer sequences

mGSTA4-RT5	CTGTA CTGTCCGACTTCCCTC
mGSTA4-RT3	CTCTGACTTCCGGGTGCAG
mCAT-RT5	GTCCAGTGCCTGTAGATGTG
mCAT-RT3	CCTCCTCATTCAACACCTTTGTG
mGPX3-RT5	GACATCCGCTGGAACCTTGAG
mGPX3-RT3	CAGGATGTCCATCTTGACGTTG
mGPX1-RT5	CTCACCCGCTCTTTACCTC
mGPX1-RT3	CACACCGGAGACCAAATGATG
mGSTP1-RT5	TGTCACCCTCATCTACACCAAC
mGSTP1-RT3	CAGGGTCTCAAAGGCTTCAG
mMT1-RT5	CAAGA ACTGCAAGTGCACCTC
mMT1-RT3	CGCCTTTGCAGACACAGC
mMT2-RT5	CGCCTGCAAATGCAAACAATG
mMT2-RT3	GAAGCCTCTTTGCAGATGCAG
mGSTA2-RT5	CCCAATGTGAAGAAGTTCCTACAT
mGSTA2-RT3	ACACTAAA ACTTGAAAACCTTCC
mGSTM1-RT5	GAGGGCCTCAAGAAGATCTCTG
mGSTM1-RT3	TTACTCCAGTGGGCCATCTTTG
mIL-1 β -RT5	TTGAGGGACCCAAAAGATG
mIL-1 β -RT3	TGGACAGCCCAGGTCAAAG
mTNF- α -RT5	CATCTTCTCAA AATTCGAGTGACAA
mTNF- α -RT3	TGGGAGTAGACAAGGTACAACCC
mLXR α -RT5	AGGAGTGTGACTTCGCAA
mLXR α -RT3	CTCTTCTTGCCGCTTCAGTTT
mLXR β -RT5	AAGCAGGTGCCAGGGTTCT
mLXR β -RT3	TGCATTCTGTCTCGTGGTTGT
hIL-6-RT5	AAGAGGCACTGGCAGAAAA
hIL-6 RT3	TTCACCAGGCAAGTCTCCT
hIL-8-RT5	GTGCAGTTTTGCCAAGGAGT
hIL-8-RT3	AAATTTGGGGTGGAAAGGTT
hMCP-1-RT5	AAGCAGAAGTGGGTT CAGGA
hMCP-1 RT3	GCTGCAGATTCTGGGTTGT

Supplementary Table 2. Partial list of antioxidant genes whose expression was increased in the lung of LXR-KI mice.

Gene names	Accession No.	Fold change (LXR-KI:WT)
Catalase (CAT)	NM_009804.1	2.0
Glutathione <i>S</i> -transferase, mu 1 (Gstm1)	NM_010358.1	2.0
Glutathione <i>S</i> -transferase, mu 2 (Gstm2)	NM_008183.1	2.1
Glutathione <i>S</i> -transferase, alpha 4 (Gsta4)	NM_010357.1	2.3
Glutathione <i>S</i> -transferase, pi 1 (Gstp1)	NM_013541.1	2.3
Metallothionein 1 (Mt1)	NM_013602.1	2.5
Metallothionein 2 (Mt2)	AA796766	3.2
Glutathione peroxidase 3 (Gpx3)	NM_008161.1	1.9
Glutathione peroxidase 1 (Gpx1)	BI219063	1.6