

Supplementary Information

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Table S1. Primer for quantitative real time PCR analyses

Gene	Sequence
β -actin	FP: 5'-AGCCATGTACGTAGCCATCC-3' RP: 5'-CTCTCAGCTGTGGTGGTGAA-3'
CYP1A1	FP: 5'-GGCCACTTTGACCCTTACAA-3' RP: 5'-CAGGTAACGGAGGACAGGAA-3'
COX-2	FP: 5'-TTTGTGAGTCATTCACCAGACAGAT-3' RP: 5'-CAGTATTGAGGAGAACAGATGGGATT-3'
CEBP- β	FP: 5'-CAAGCTGAGCGACGAGTACA-3' RP: 5'-AGCTGCTCCACCTTCTTCTG-3'
RelB	FP: 5'-TGATCCACATGGAATCGAGA-3' RP: 5'-CAGGAAGGGATATGGAAGCA-3'
IL-1 β	FP: 5'-GGGCCTCAAAGGAAAGAATC-3' RP: 5'-TACCAGTTGGGGAACCTCTGC-3'
IL-6	FP: 5'-AGTTGCCTTCTTGGGACTGA-3' RP: 5'-TCCACGATTTCCCAGAGAAC-3'
KC	FP: 5'-CTTGAAGGTGTTGCCCTCAG-3' RP: 5'-TGGGGACACCTTTTAGCATC-3'
IL-10	FP: 5'-CCAAGCCTTATCGGAAATGA-3' RP: 5'-TTTTCACAGGGGAGAAATCG-3'
TNF- α	FP: 5'-TGCAATGAAGTGCAGGAGTC-3' RP: 5'-TGGGCTCTGCTGTAGTCCTT-3'
PAI-2	FP: 5'-ACCTGCTACCCGAAGGTTCT-3' RP: 5'-CGAGTTCACACGGAAAGGAT-3'
IDO-1	FP: 5'-GGCTAGAAATCTGCCTGTGC-3' RP: 5'-AGAGCTCGCAGTAGGGAACA-3'
IDO-2	FP: 5'-GCTATCACCATGGGATTCGT-3' RP: 5'-AGAGATCTTGGCAGCACCTT-3'

Fig. S1. Expression of selected AhR and LPS target genes in female C57BL/6 wild type (WT) mice. Total RNA was prepared from lung (open bars) and liver (shaded bars) of WT mice. Level of mRNA expression was analyzed via real-time PCR. The mRNA expression levels were normalized to β -actin. The primers for CYP1A1, COX-2, CEBP β , RelB, IL-1 β , IL-6, KC, IL-10, TNF- α , PAI-2, IDO-1 and IDO-2 are listed in Table 1. Values are shown as mean \pm SD from five different animals.

Expression levels of selected genes in WT mice

