

Supplementary information 1:

Primers for rat cytokines and transcription factors used in the conventional PCR

(sense, anti-sense):

- IL-1 β*** : 5'-ATG GCA ACT GTC CCT GAA CT,
5'-GTC ATC ATC CCA CGA GTC AC;
- IL-3***: 5'-TTC CAC CAG GGA CTC CAG ATT,
5'-ACG GTC ATA GGG CGA AAG TT;
- IL-4***: 5'-CTG CTT TCT CAT ATG TAC CGGG,
5'-TTT CAG TGT TGT GAG CGT GG;
- IL-5***: 5'-TGA GCA CAG TGG TGA AAG AGA C,
5'-AAT CCA GGA AAT GCC TGG TC;
- IL-8***: 5'-GAA GAT AGA TTG CAC CGA TG,
5'-CAT AGA CTC TCA CAC ATT TC;
- IL-10***: 5'-ATT ACC TCT GAT ACC TCAG,
5'-AGC CTT AGG ATC GAA GT ;
- IL-11***: 5'-ATG AAC TGT GTT TGT CGC CTG,
5'-CAC CCA CCC CAA TTC TTT AA ;
- IL-13***: 5'-GAC TGC AGT CCT GGC TCT CGC,
5'-AAC TGA GGT CCA CAG CTG AGA TGT;
- IFN- γ*** : 5'-AGG ACG GTA ACA CGA AA,
5'-CTG TGG TTG TTC ACC TC;
- MCP-1***: 5'-AGC CAG ATC TCT CTT CCT CCA,
5'-CAT TGA AAG TGT TGA ACC AGG;
- TNF- α*** : 5'-CAT CTT CTC AAA ACT CGA GTG,
5'-AGC AAT-GAC TCC AAA GTA GAC;
- c-fos***: 5'-GAT CTG TCC GTC TCT AGT GCC AAC,
5'-CTC CTC CGA TTC CGG CAC TT;
- fosB***: 5' GGCTGCAAGATCCCCTACGAAGA,
5' ACGAGGAAGTGTACGAAGGGCT
- fra-1***: 5' CAAGCGCAGACACAGACAGT,
5' CCACTCGTGCTGCTGGTACC
- fra-2***: 5' AAATTCCGAGTAGATATGCC,
5' GGGCTGTGAGCAACCAGCAT,
- c-jun***: 5' GCCTCGTTCCTCCAGTCCGA,
5' TGCGATGGAAAGGCCAGCCC

junB: 5' ATGGAACAGCCTTTCTATCAC,
5' GGGGGGCGTCACGTGGTTCAT
β-actin: 5'-GAT GAG ATT GGC ATG GCT TT,
5'-CAC CTT CAC CGT TCC AGT TT

Primers for rat cytokines used in the real time PCR

(sense, anti-sense):

IL-1β: 5'-AGT CAG GCT TCC TTG TGC;
5'-ATG CTC TCA TCT GGA CAG CC
IL-3: 5'-TCC TGA TGC TCT TCC ACC;
5'-TCG CAG CTG CAG GAA TAC AAC ACT
IL-4: 5'-GGT CTC AAC CCC CAGCTAGT,
5'-TGA TGC TCT TTA GGC TTT CCA
IL-5: 5'-TGA GCA CAG TGG TGA AAG AGA C,
5'-AAT CCA GGA AAT GCC TGG TC;
IL-8: 5'-GAT AGA TTG CAC CGA TGG C,
5'-AAA CAC GAT CCC AGA CTC
IL-10: 5'-TAG AAG TGA TGC CCC AGG;
5'-TCA TCC TCC ACC TGC TCC ACT GC
IL-11: 5'-TTG GTA CTT GGA GCG G;
5'-CAC TGT GAA TAG ACT TCG T
IL-13: 5'-ACA GCT CCC TGG TTC TCT CA;
5'-CCC CCA TTC ACT ACA CAT CA
MCPI: 5'-TGGCAAGATGATCCCAAT;
5'-AGGTGGTTGTGGAAAAG
TNF-α: 5'-TTG CCA CTT CAT ACC AGG AGA A,
5'-TCA CAG AGC AAT GACTCC AA