

Additional File 1: Primer sequences used for mRNA expression analysis by qRT-PCR in whole-lung homogenates of rats exposed to chronic intermittent hypoxia, chronic hypoxia and normoxia. The sequence of the primers for rats oligonucleotide were designed based on NCBI GenBank .

rArgI_for	5'-TTGTCAGCGGAGTGTTGATGTC-3'
rArgI_rev	5'-CAGAGACCCAGAAGAATGGAAC -3'
rArgII_for	5'-AAGAAAGGAGTGGAATATGGCCCAGC-3'
rArgII_rev	5'-TAGCCACCTGACACAGCTCTACTAA-3'
reNos_for	5'-TGATCCTAACTTGCCTTGCATCCT-3'
reNos_rev	5'-ACTCCACGCTGCTGGGCGTC-3'
Nox4 for	5'- TGCCGCACAGTCCTGGCTTACC -3'
Nox4 rev	5'- GGGCGTTCACCAAGTGGGCAGC -3'
rHprt_for	5'-TCCTCATGGACTGATTATGGACA-3'
rHprt_rev	5'-TAATCCAGCAGGTCAGCAAAGA-3'
rDDAH1_for	5'-GAGGCTTTGGAAAACTTCAGCTCA-3'
rDDAH1_rev	5'-GCCAAGATCTCAGCACCTCGTTGAT-3'
rDDAH2_for	5'-GCATCTGCGCGGCCTCTGTG-3'
rDDAH2_rev	5'-AGTCACTCGCTGCGTCATCTGGGAG-3'