

Table S1. Information of the *Perilla frutescens* var. *crispa* genotypes used in this study.

Genotypes	IT number
Pfc 1	IT 220490
Pfc 2	IT 220510
Pfc 3	IT 226634
Pfc 4	IT 242256
Pfc 5	IT 293402
Pfc 6	IT 242083
Pfc 7	IT 283681
Pfc 8	IT 283684

Table S2. Primer sequences for qRT-PCR analysis.

Primer name	Sequence (5'-3')	Accession number
<i>COX2</i>	F-CCTCTGCGATGCTCTTCC	AF233596.1
	R-TCACACTTATACTGGTCAAA	
<i>iNOS</i>	F-TCCTACACCACACCAAAC	AF427516.1
	R-CTCCAATCTCTGCCTATCC	
<i>TNF-α</i>	F-AGCACAGAAGCATGATCCG	AY423855.1
	R-CTGATGAGAGGGAGGCCATT	
<i>IL-6</i>	F-CCACTTCACAAGGTCGGAGGCTTA	DQ788722.1
	R-GTGCATCATCGCTGTTTCATACAATC	
<i>IL-1β</i>	F-TGTGAAATGCCACCTTTTGA	NM_008361.4
	R-TGAGTGATACTGCCTGCCTG	
<i>β-actin</i>	F-CCCATCTCCTAAGAGGAGGATG	NM_007393.5
	R-AGGGAGACCAAAGCCTTCAT	