

Table S1. Sequences and accession numbers for primers (forward, FOR; reverse, REV) used in real-time RT-PCR

Gene	Sequences for primers	Accession No.
<i>iNOS</i>	FOR: CTCACTGGGACAGCACAGAA	NM_010927
	REV: GGTCAAACCTCTTGGGGTTCA	
<i>COX-2</i>	FOR: TACAGAATTGAAAGCCCTCT	NM_011198
	REV: GCTCGGCTTCCAGTATTGAG	
<i>TNF-α</i>	FOR: AGGGTCTGGGCCATAGAACT	NM_013693
	REV: CCACCACGCTCTTCTGTCTAC	
<i>IL-1β</i>	FOR: GGTCAAAGGTTTGAAGCAG	NM_008361
	REV: TGTGAAATGCCACCTTTTGA	
<i>IL-6</i>	FOR: AGGGTCTGGGCCATAGAACT	NM_031168
	REV: CCACCACGCTCTTCTGTCTAC	
<i>F4/80 (Adgre1)</i>	FOR: TTCCTCGCCTGCTTCTTC	NM_010130
	REV: CCCCGTCTCTGTATTCAACC	
<i>CD11/c</i>	FOR: CACTCAGTGAAGTCCCAAAA	NM_021334
	REV: CCTCAAGACAGGACATCGCT	
<i>CCR2</i>	FOR: AGCACATGTGGTGAATCCAA	NM_009915
	REV: TGCCATCATAAAGGAGCCA	
<i>CCL2(MCP-1)</i>	FOR: ATTGGGATCATCTTGCTGGT	NM_011333
	REV: CCTGCTGTTACAGTTGCC	
<i>ICAM-1</i>	FOR: AACAGTTCACCTGCACGGAC	NM_010493
	REV: GTCACCGTTGTGATCCCTG	
<i>GAPDH</i>	FOR: CGTCCCGTAGACAAAATGGT	NM_008084
	REV: TTGATGGCAACAATCTCCAC	

Table S2. Mass fragmentation ions of 3 components from OJE.

Peak	Component	MW ¹⁾	Rt(min) ²⁾	Fragment ions
1	chlorogenic acid	354	8.853	377.0844 [M+Na] ⁺ , 355.1025 [M+H] ⁺ , 169.0389 [Caffeoyl] ⁺
2	5- <i>O</i> -feruloylquinic acid	368	12.978	391.1004 [M+Na] ⁺ , 369.1180 [M+H] ⁺ , 177.0546 [Fe ³⁾ +H-H ₂ O] ⁺ , 145.0285 [Fe+HH ₂ O-CO-CH ₃] ⁺ , 117.0336 [Fe+H-H ₂ O-CH ₃ OH-CO] ⁺
3	rutin (quercetin-3-rutinoside)	610	16.834	633.1433 [M+Na] ⁺ 611.1612 [M+H] ⁺ 465.1033 [M+H-Rhamnose] ⁺ 303.0502 [Quercetin aglycone+H] ⁺
¹⁾ Molecular weight. ²⁾ Retention time. ³⁾ Ferulic acid				

Table S3. Histological scoring of colitis

Parameter	Scoring
Crypt loss	0=normal 1=<10% 2=10% 3=10-15% 4=15-50%
Erosions	0=intact epithelium 1=involvement of the lamina propria 2=involvement of the submucosa 3=transmural ulceration
Infiltration of mononuclear and polymorphonuclear cells	0=absent 1=weak 2=moderate 3=severe