

**Supplementary Table 1.**

Clinical characteristics of specimens used in this study

Characteristics	Clinical specimens		P value
	Controls (n = 20)	UC patients (n = 40)	
Gender(n)			
Male	12	23	0.9886
Female	8	17	
Age(year)	38.21 ± 3.08	40.80 ± 2.08	0.7588
Histopathological score (n)			
Mild	---	17	---
Moderate	---	15	---
Severe	---	8	---

UC: Ulcerative colitis.

**Supplementary Table 2.** List of all the primers used in this study

Primer name	Primer sequence (forward)	Primer sequence (reverse)
IL-34	5'-ACCTGTGGGTCTTGGTGAGT-3'	5'-TCCGCTGTACGTTCTCCAG-3'
IL-1 $\beta$	5'-TTGACAGTGATGAGAATGACCTG-3'	5'-GCTCTTGTTGATGTGCTGCT-3'
IL-10	5'-GCCTTATCGGAAATGATCCA-3'	5'-TGAGGGTCTTCAGCTTCTCAC-3'
IL-23	5'-CCCGTATCCAGTGTGAAGATG-3'	5'-AGATGTCAGAGTCAAGCAGGTG-3'
TN-F $\alpha$	5'-ACGGCATGGATCTCAAAGAC-3'	5'-GTGGGTGAGGAGCACGTAGT-3'
M-CSF	5'-TGAGTCTGTCTTCCACCTGCT-3'	5'-CCAATGTCTGAGGGTCTCG-3'
ARG1	5'-GACCTGGCCTTTGTTGATGT-3'	5'-CCATTCTTCTGGACCTCTGC-3'
MRC2	5'-CCAGCTATGAGGAGGAGCAC-3'	5'-CTAGGGTCTCTGCGGTTTCAG-3'
CD163	5'-TGAAGCGACGACAGATTCAG-3'	5'-TTCCGAGGATTCAGCAAGT-3'
iNOS	5'-ACGAGACGGATAGGCAGAGA-3'	5'-CACATGCAAGGAAGGGAAGT-3'

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MCP-1	5'-CCCAATGAGTAGGCTGGAGA-3'	5'-TCTGGACCCATTCCTTCTTG-3'
CSF-1R	5'-AAGGTGGCTGTGAAGATGCT-3'	5'-CCCAGAAGGTTGACGATGTT-3'
Ptprz1	5'-CAATCGCATAGGGACGAAAT-3'	5'-AGTGACTGGTTGGGAAGTGG-3'
syndecan1	5'-GGCTGTAGTCCTGCCAGAAG-3'	5'-GTCGTTGAGGCCTGATGAGT-3'
IL-6	5'-CTCCCAACAGACCTGTCTATAC-3	5'-CCATTGCACAACCTCTTTTCTCA-3
F4/80	5'-AGCATCCGAGACACACACAG-3'	5'-CTGTACCCACATGGCTGATG-3'
$\beta$ -actin	5'-GTGCTATGTTGCTCTAGACTTCG-3'	5'-ATGCCACAGGATTCCATACC-3'

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