

Table S1 The sequences of the primers for quantitative RT-PCR

Genes	Primer Sequence (5' to 3')	Product size (bp)
HLA-DR	F: TCTGGCGGCTTGAAGAATTTG R: GGTGATCGGAGTATAGTTGGAGC	125
CD86	F: GCCTTCCTGCTCTCTGCTAA R: TCTTAGGTTCTGGGTAACCGTG	118
IL-12	F: ACCTGACCCACCCAAGAACT R: GGACCTGAACGCAGAATGTC	131
IL-23	F: CCCAAGGACTCAGGGACAAC R: AGAGAAGGCTCCCCTGTGAA	109
CD163	F: TTGTCAACTTGAGTCCCTTCAC R: TCCCGCTACACTTGTTTTTCAC	127
CD206	F: GGGTTGCTATCACTCTCTATGC R: TTTCTTGTCTGTTGCCGTAGTT	126
Arg-1	F: TGGACAGACTAGGAATTGGCA R: CCAGTCCGTCAACATCAAACT	102
IL-10	F: GCCAAGCCTTGTCTGAGATGATCC R: TTCACATGCGCCTTGATGTCTGG	91
TGF- β	F: AAGGACCTCGGCTGGAAGTGC R: CCGGGTTATGCTGGTTGTA	136
CCL17	F: CTTCAAGGGAGCCATTCCCC R: CTCTTGTTGTTGGGGTCCGA	129
CCL18	F: CTCTGCTGCCTCGTCTATACCT R: CTTGGTTAGGAGGATGACACCT	108
CCL22	F: CCGCTCTGCAGGGTATTTGA R: GCCCCACAGCAAGCCTATAA	111
Wnt5a	F: GTTTCGGCTACAGACCCAGA R: CCCCAGTTCATTCACACCACA	92
CSF-1	F: AGCCAGAAGGAGGACCAGCAAG R: ACCAGCAGGTGGAAGACAGACTC	145
VEGF	F: GAGGAGCAGTTACGGTCTGTG R: TCCTTTCCTTAGCTGACACTTGT	96
CCL2	F: CATCTCCTACACCCCACGAAG R: GGGTTGGCACAGAAACGTC	126
CCL5	F: CCAGCAGTCGTCTTTGTAC R: CTCTGGGTTGGCACACACTT	54
CD68	F: GGGCTACTGGCAGAGAGCA R: GTTGAGGGTCCCTGGCTG	200
GAPDH	F: GCACCACCAACTGCTTAGCA R: GTCTTCTGGGTGGCAGTGATG	106

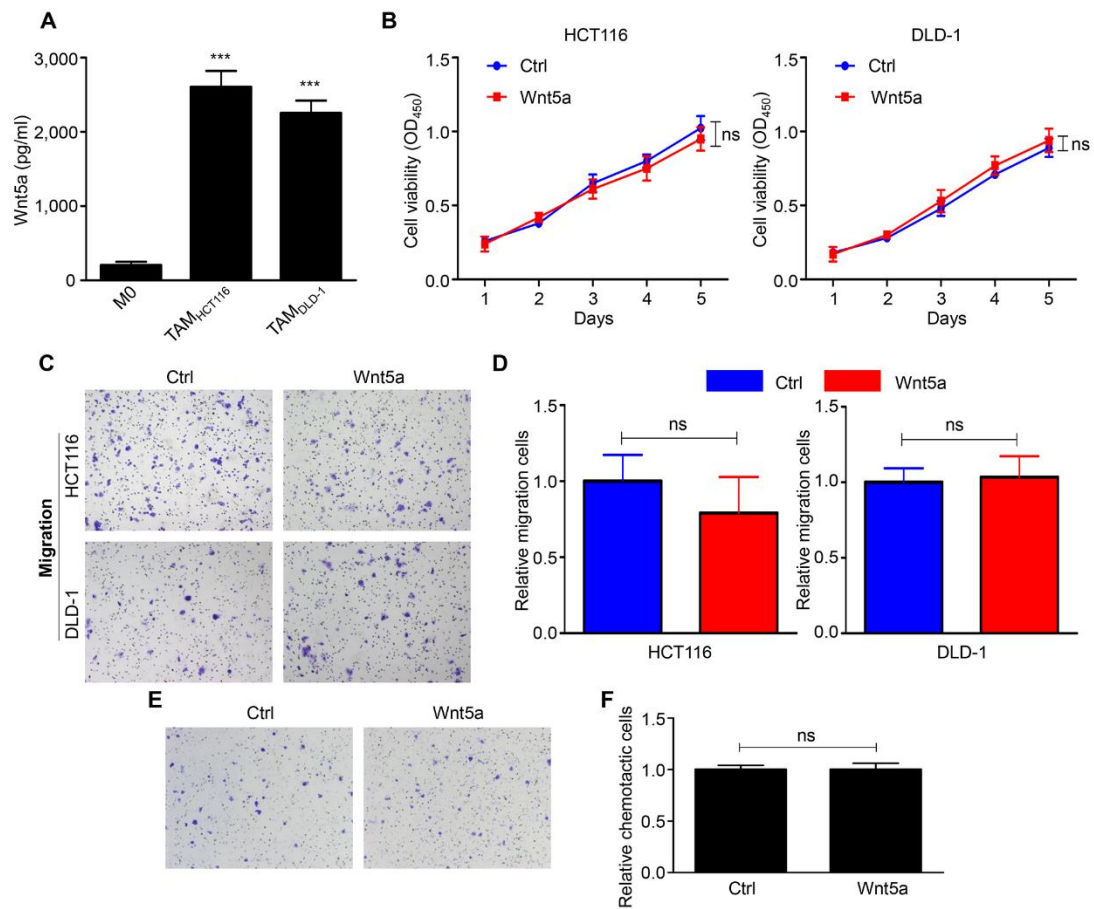


Figure S1. Wnt5a does not directly influence CRC cells and macrophage recruitment. **A** ELISA analysis of Wnt5a secretion level in M0 macrophages and TAMs. Error bars, SEM. **B** Cell viability of HCT116 or DLD-1 cells treated with Wnt5a. Error bars, SEM. **C** Transwell migration assay of HCT116 and DLD-1 cells treated with Wnt5a. (magnification, ×100). **D** Quantification analysis of migratory cells in five fields was counted manually. Error bars, SEM. **E** Chemotaxis analysis of THP-1 macrophages toward Wnt5a. (magnification, ×100). **F** Quantification analysis of chemotactic cells in five fields was counted manually. Error bars, SEM. ns, not significant. ***P<0.001