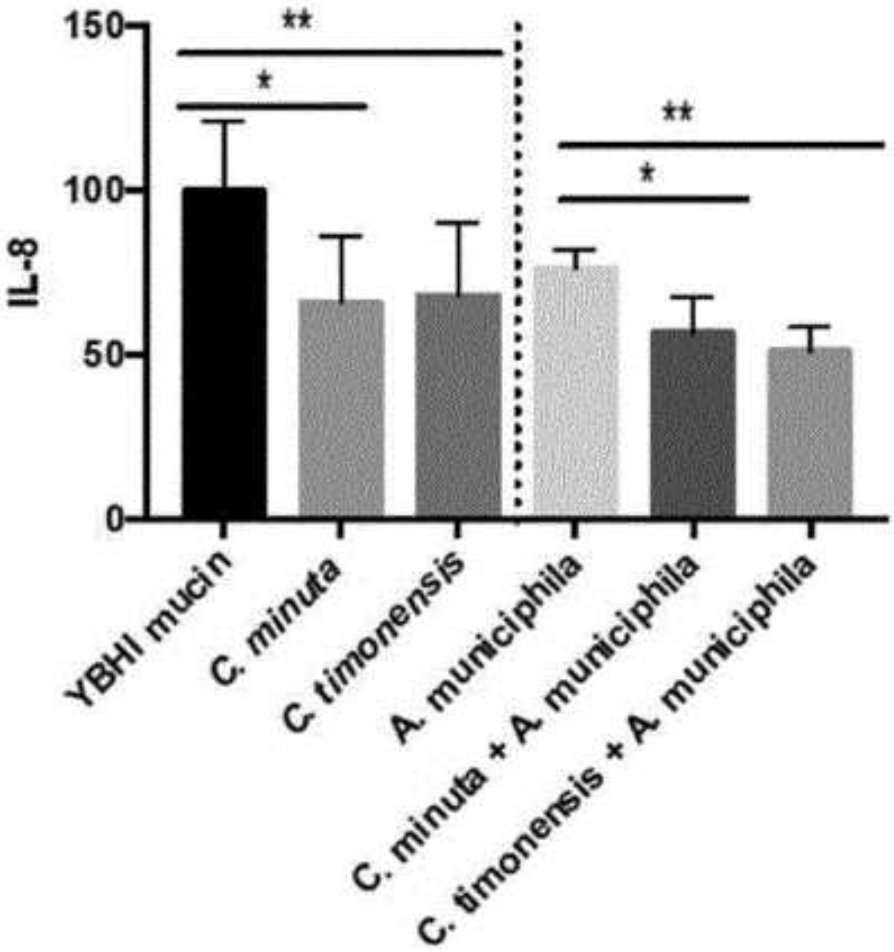
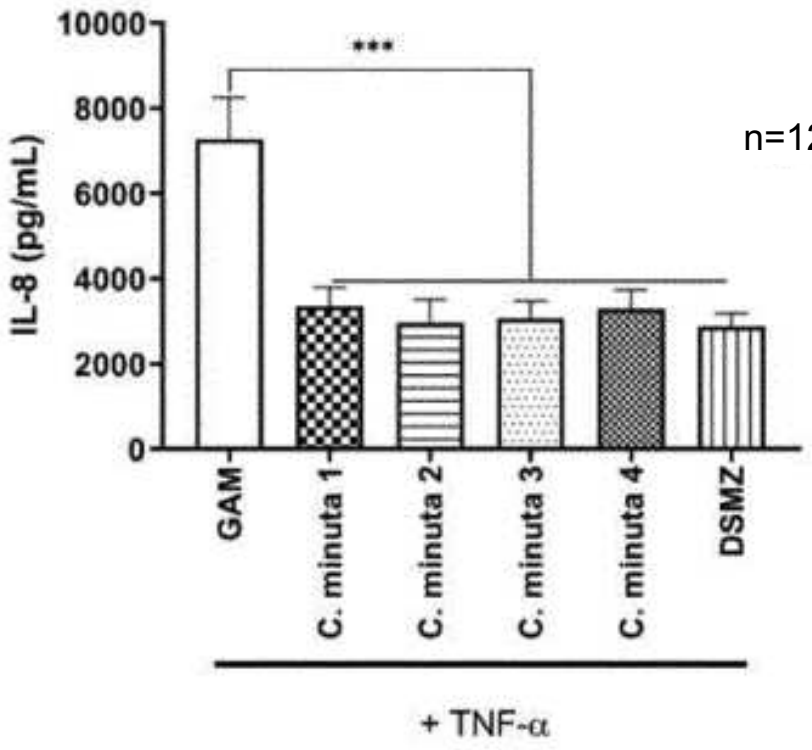

150
100
50
0
IL-8
**
*
**
*
YBHI mucin
C. minuta
C. timonensis
A. muciniphila
C. minuta + A. muciniphila
C. timonensis + A. muciniphila

Figure 1

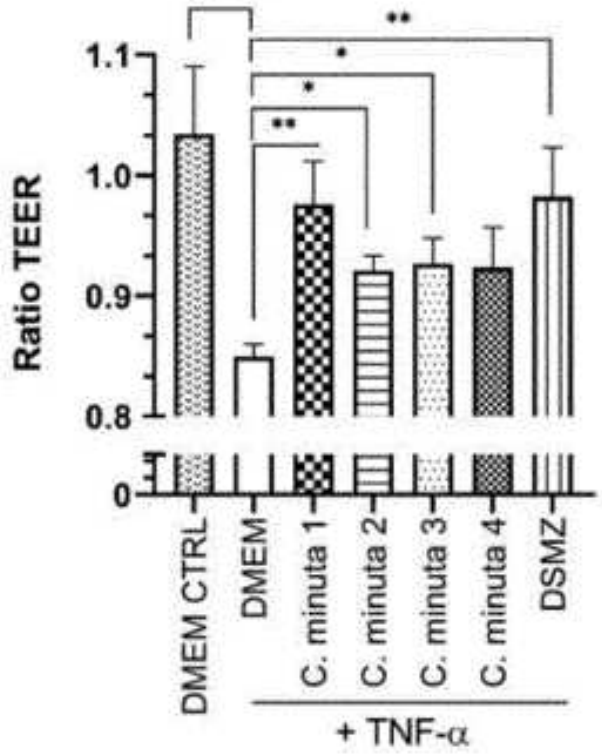
Assay of IL-8 in the supernatants of HT-29 co-incubated cells in the presence of *C. minuta* supernatants



n=12 (3*4 experiment)

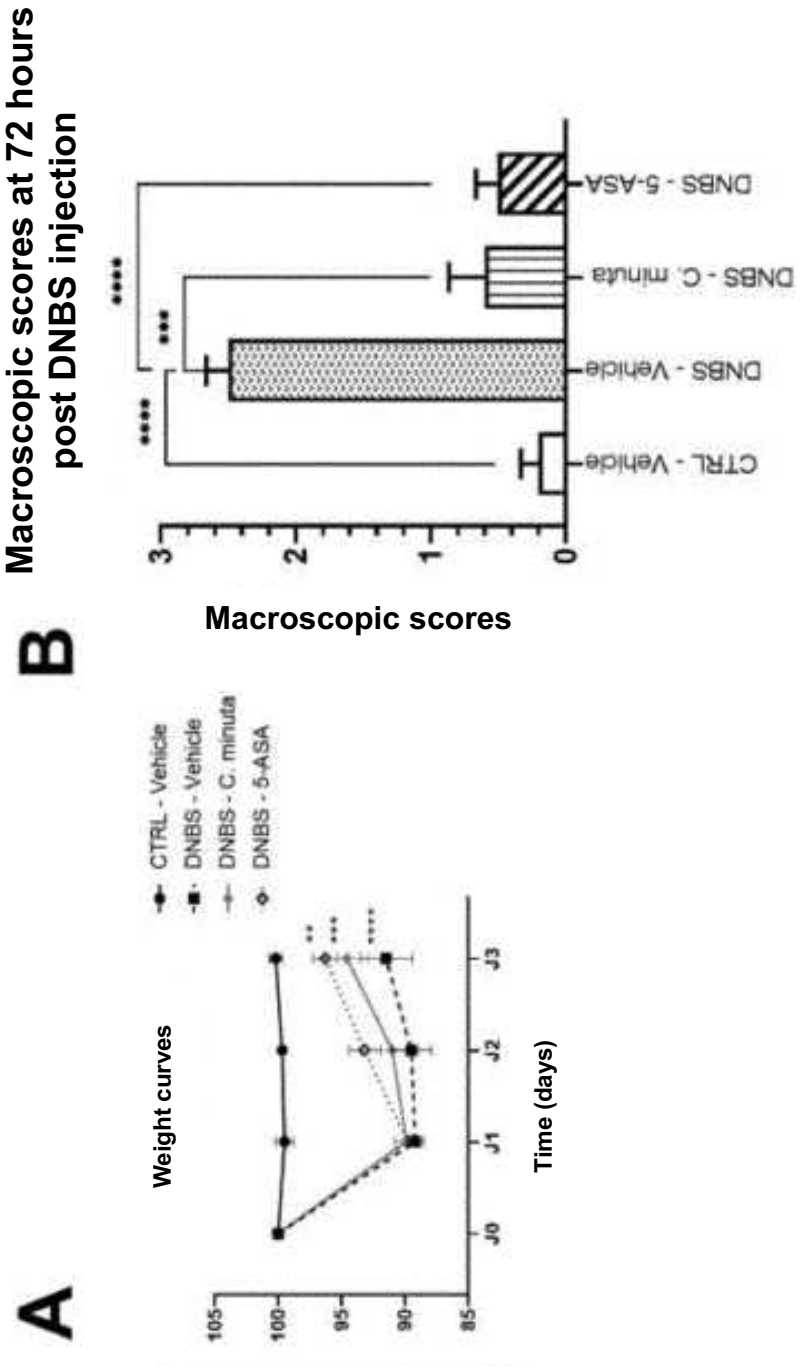
Figure 2

Measurement of transepithelial resistance



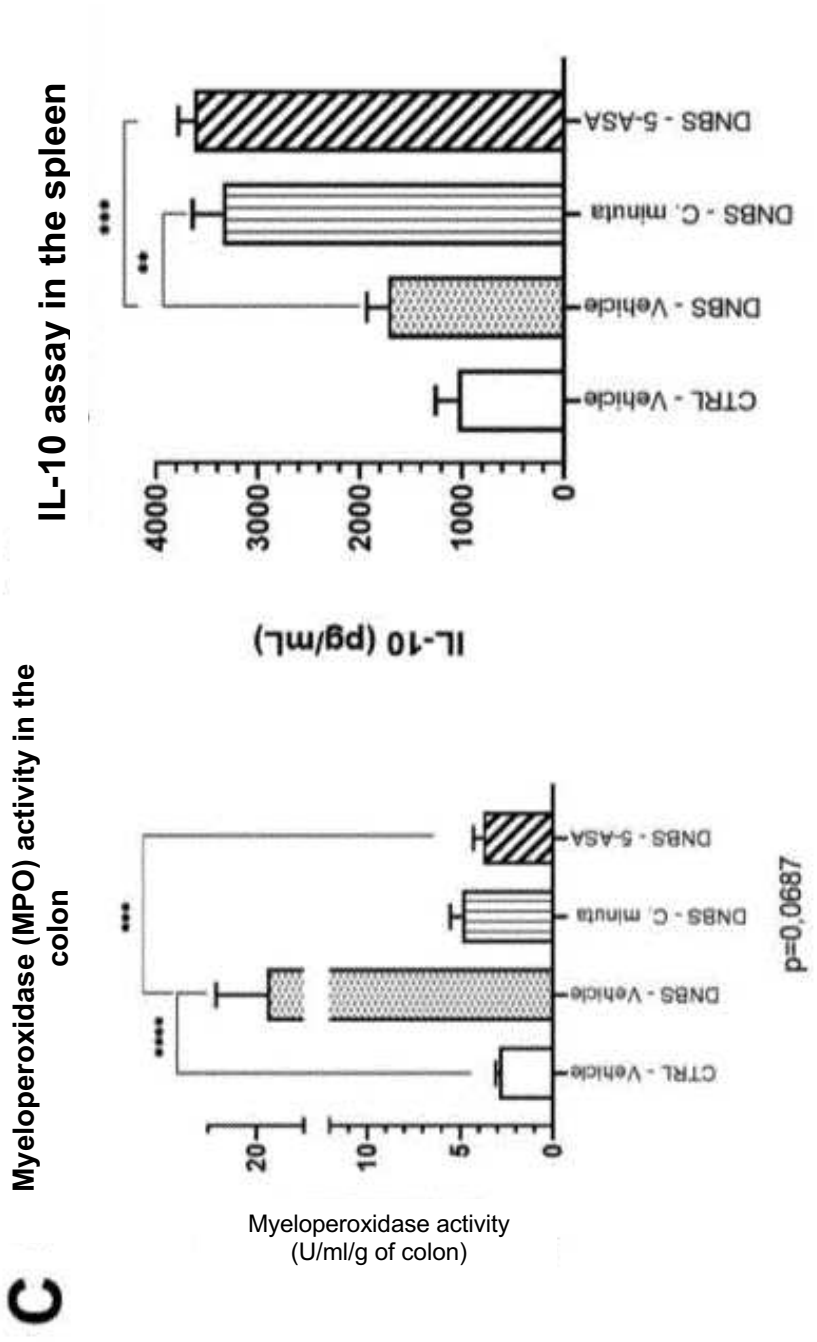
n=9 (3x3 experiments)

Figure 3

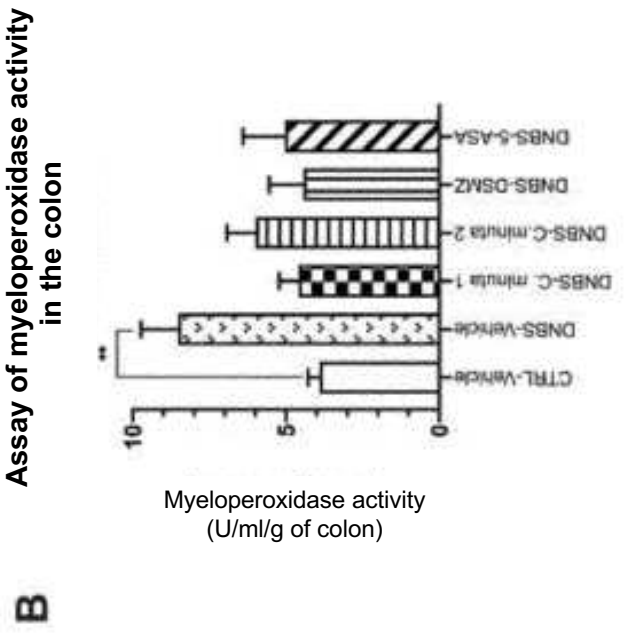


Weight curves
(from the initial % on the day of injection (D0))

Figures 4A and 4B



Figures 4C and 4D


B
Assay of myeloperoxidase activity in the colon
CTRL-Vehicle
DNBS-Vehicle
DNBS-C. minuta 1
DNBS-C. minuta 2
DNBS-DSMZ
DNBS-5-ASA
**
10
5
0
Myeloperoxidase activity
(U/ml/g of colon)

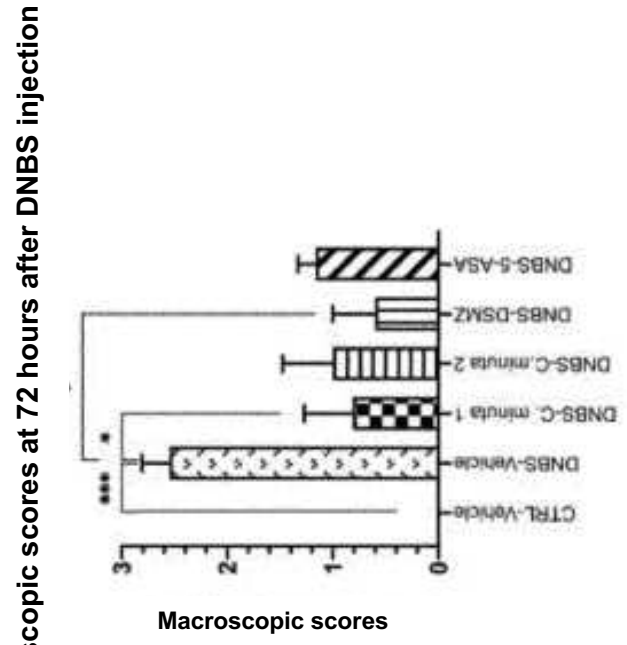

A
Macroscopic scores at 72 hours after DNBS injection
CTRL-Vehicle
DNBS-Vehicle
DNBS-C. minuta 1
DNBS-C. minuta 2
DNBS-DSMZ
DNBS-5-ASA
***
*
3
2
1
0
Macroscopic scores

Figure 5

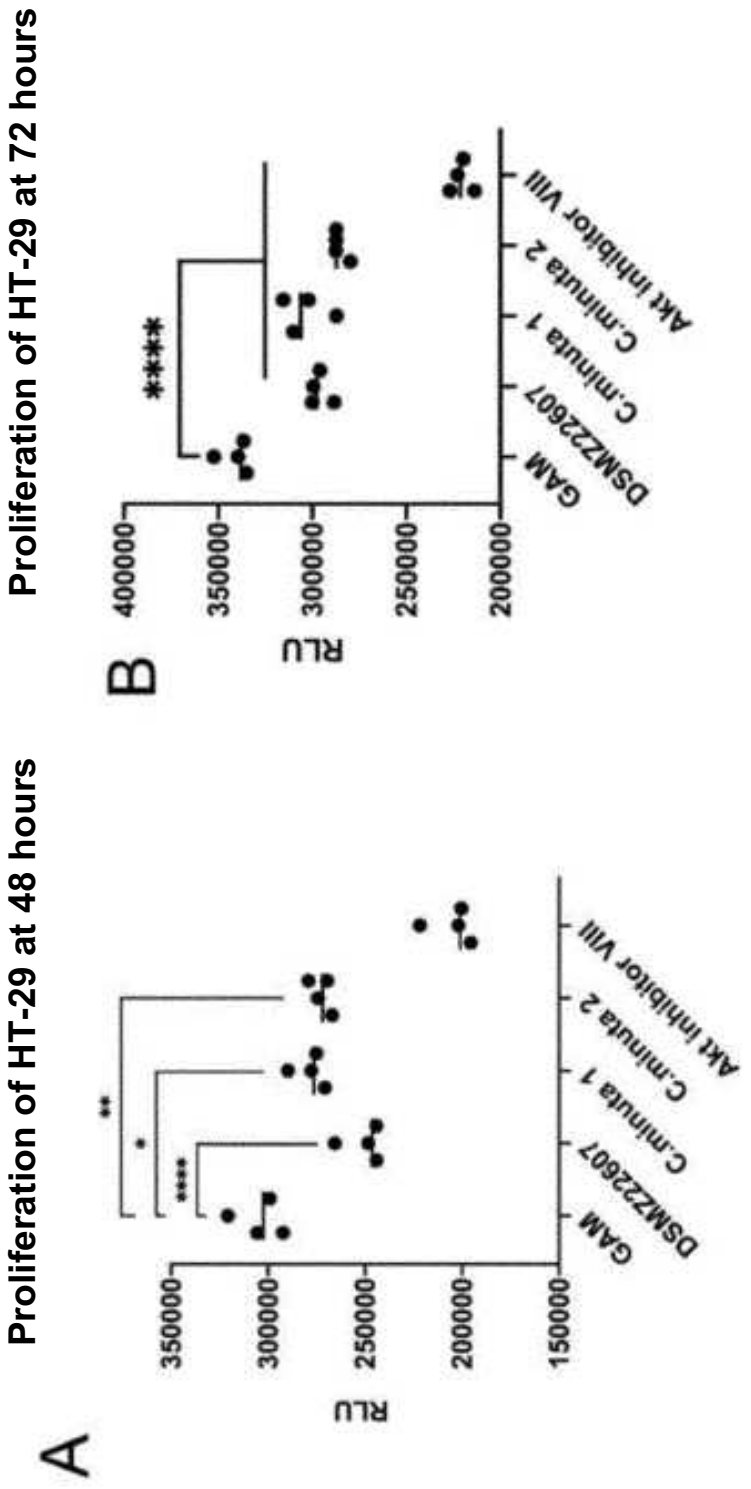

A
Proliferation of HT-29 at 48 hours
RLU
350000
300000
250000
200000
150000
**
*
****
GAM
DSMZ22607
C.milnuta 1
C.milnuta 2
Akt inhibitor VIII
B
Proliferation of HT-29 at 72 hours
RLU
400000
350000
300000
250000
200000
****
GAM
DSMZ22607
C.milnuta 1
C.milnuta 2
Akt inhibitor VIII

Figure 6