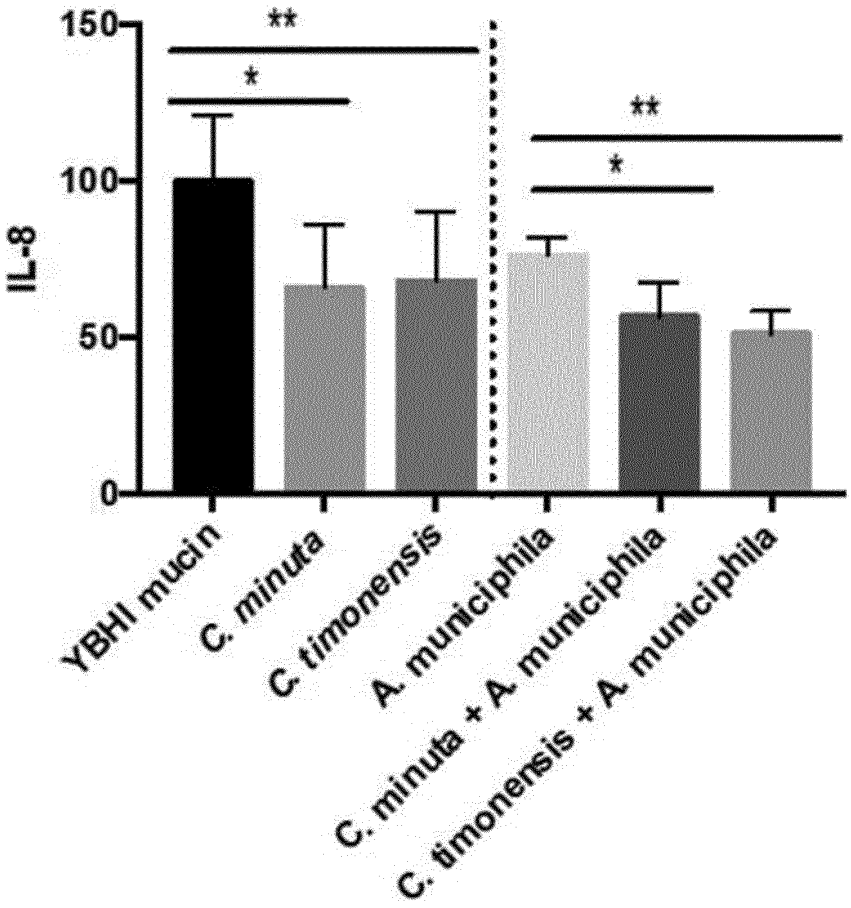

150
100
50
0
IL-8
**
*
**
*
YBHI mucin
C. minuta
C. timonensis
A. muciniphila
C. minuta + A. muciniphila
C. timonensis + A. muciniphila

Figure 1

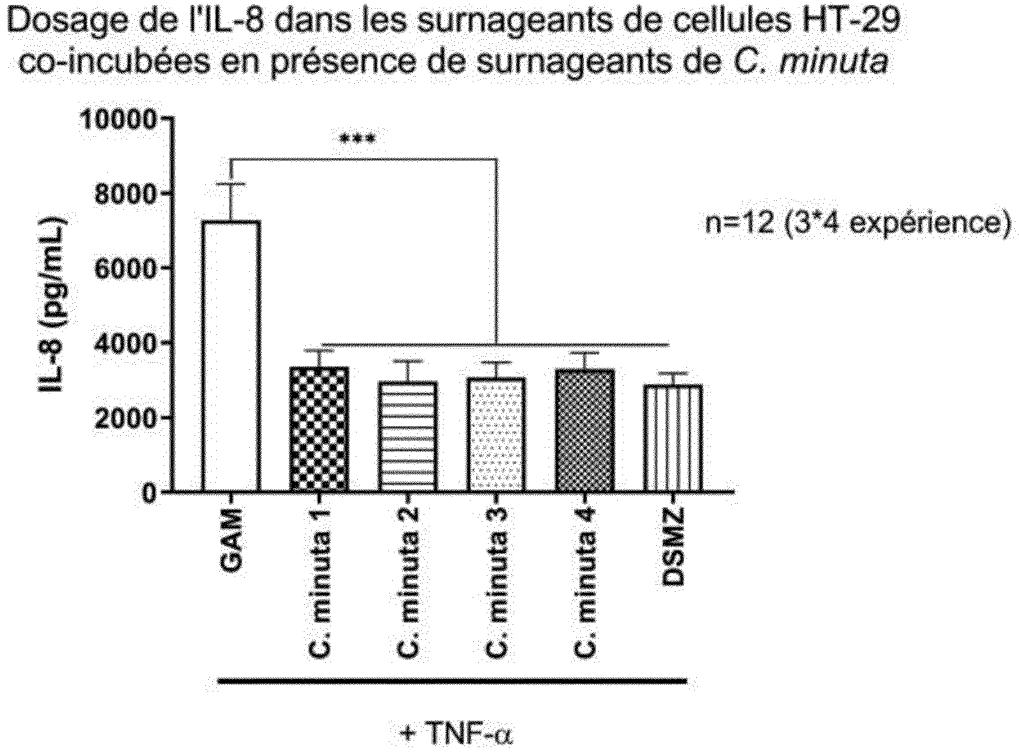

Dosage de l'IL-8 dans les surnageants de cellules HT-29 co-incubées en présence de surnageants de C. minuta
IL-8 (pg/mL)
10000
8000
6000
4000
2000
0
***
n=12 (3*4 expérience)
GAM
C. minuta 1
C. minuta 2
C. minuta 3
C. minuta 4
DSMZ
+ TNF-α

Figure 2

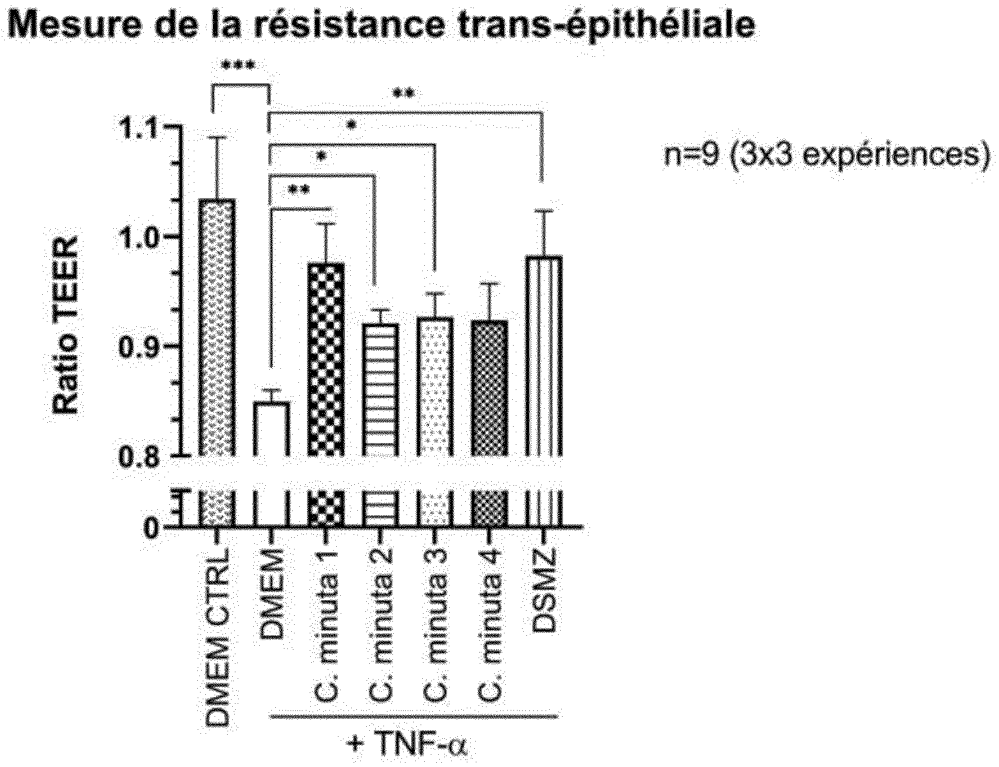

Mesure de la résistance trans-épithéliale
Ratio TEER
1.1
1.0
0.9
0.8
0
***
**
*
*
**
n=9 (3x3 expériences)
DMEM CTRL
DMEM
C. minuta 1
C. minuta 2
C. minuta 3
C. minuta 4
DSMZ
+ TNF-α

Figure 3

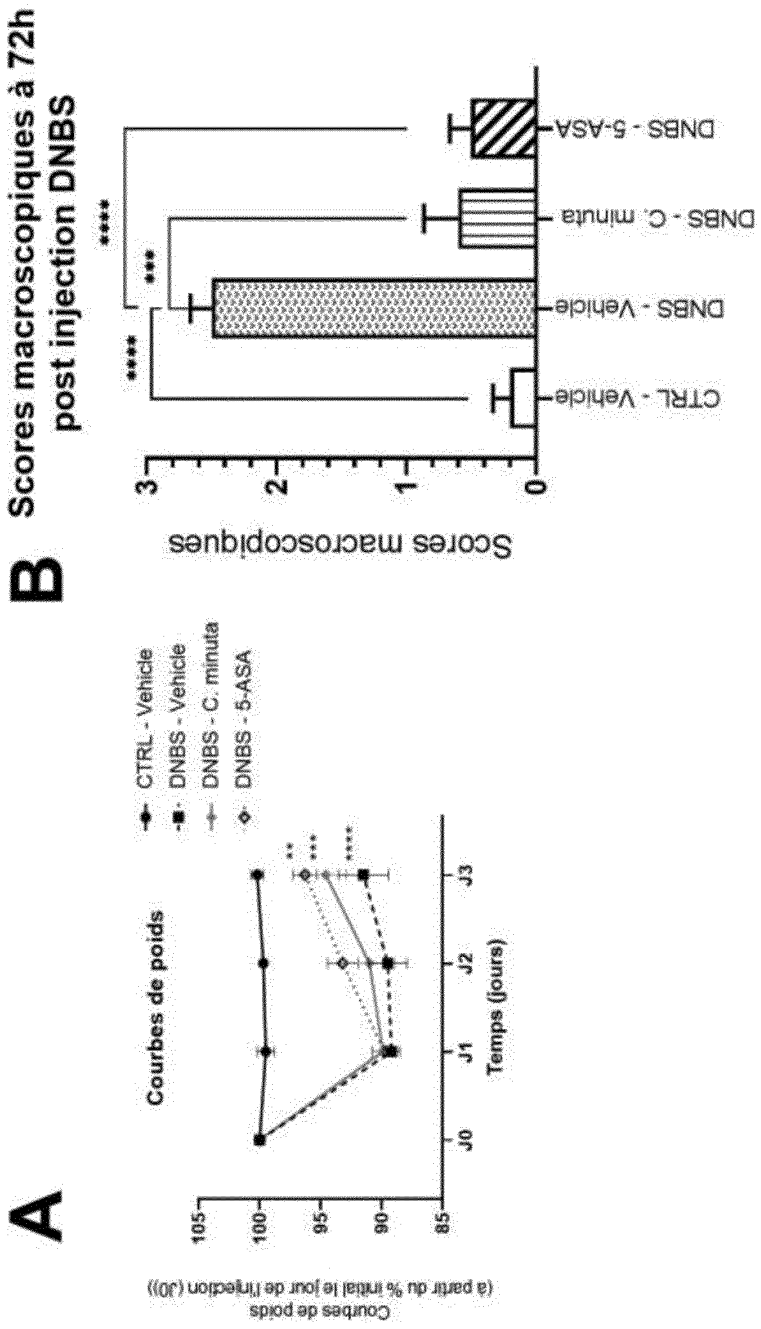


Figure 4A et 4B

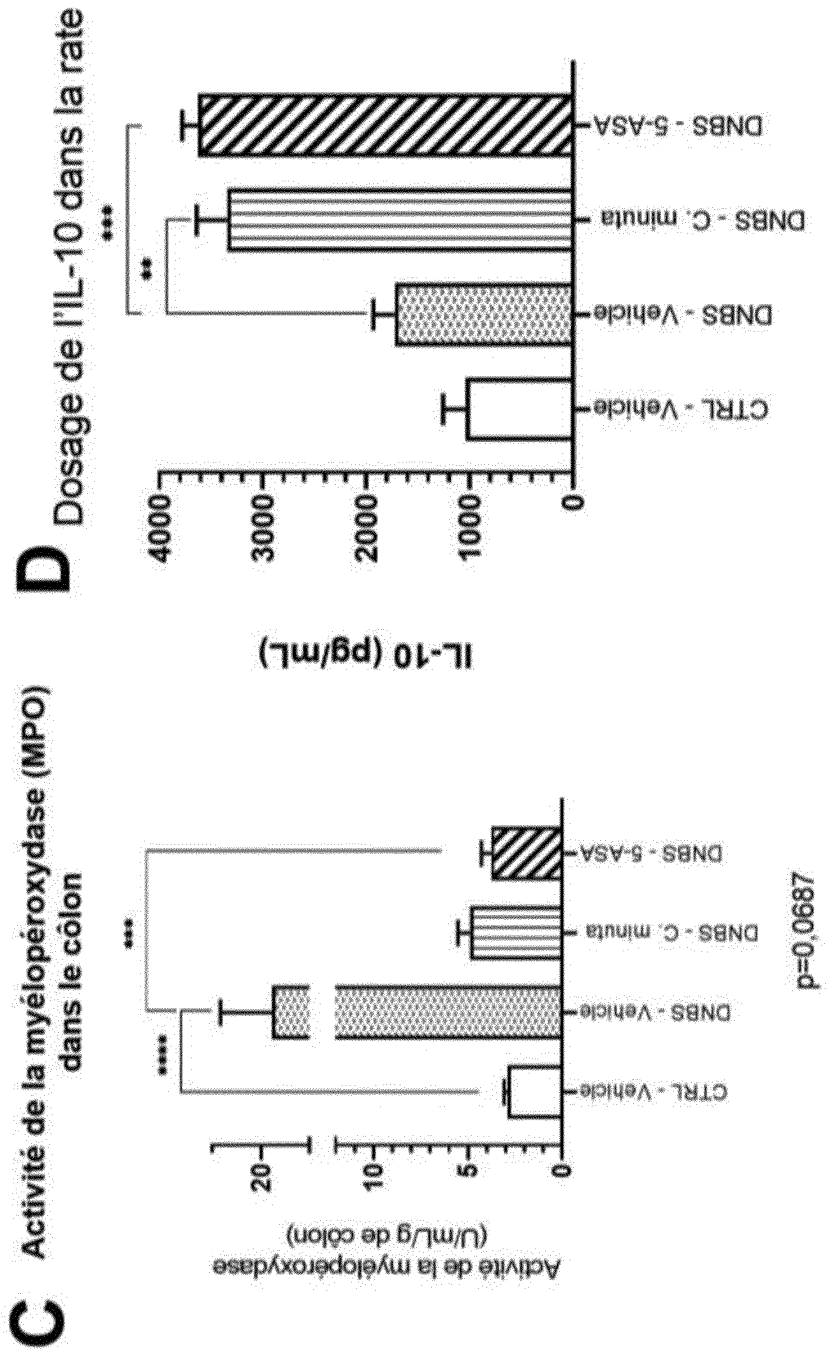


Figure 4C et 4D

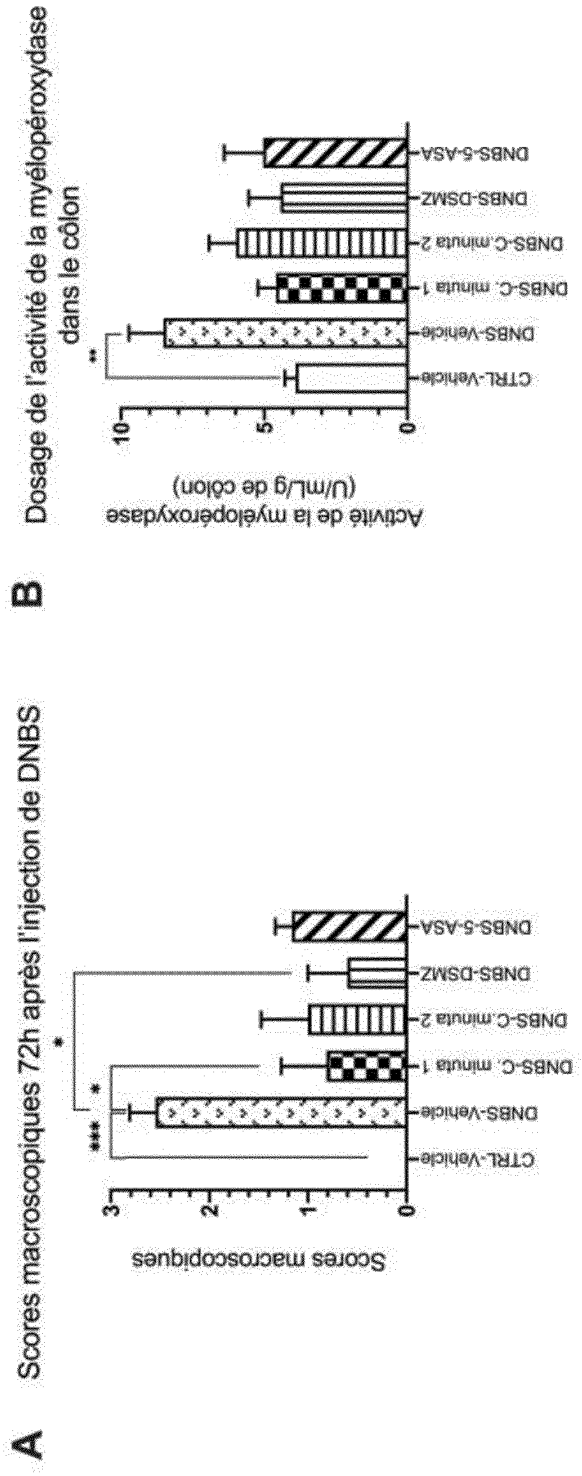

A
Scores macroscopiques 72h après l'injection de DNBS
Scores macroscopiques
0
1
2
3
CTRL-Véhicule
DNBS-Véhicule
DNBS-C. minuta 1
DNBS-C.minuta 2
DNBS-DSMZ
DNBS-5-ASA
***
*
*
B
Dosage de l'activité de la myélopéroxydase dans le côlon
Activité de la myélopéroxydase (U/mL/g de côlon)
0
5
10
**
CTRL-Véhicule
DNBS-Véhicule
DNBS-C. minuta 1
DNBS-C.minuta 2
DNBS-DSMZ
DNBS-5-ASA

Figure 5

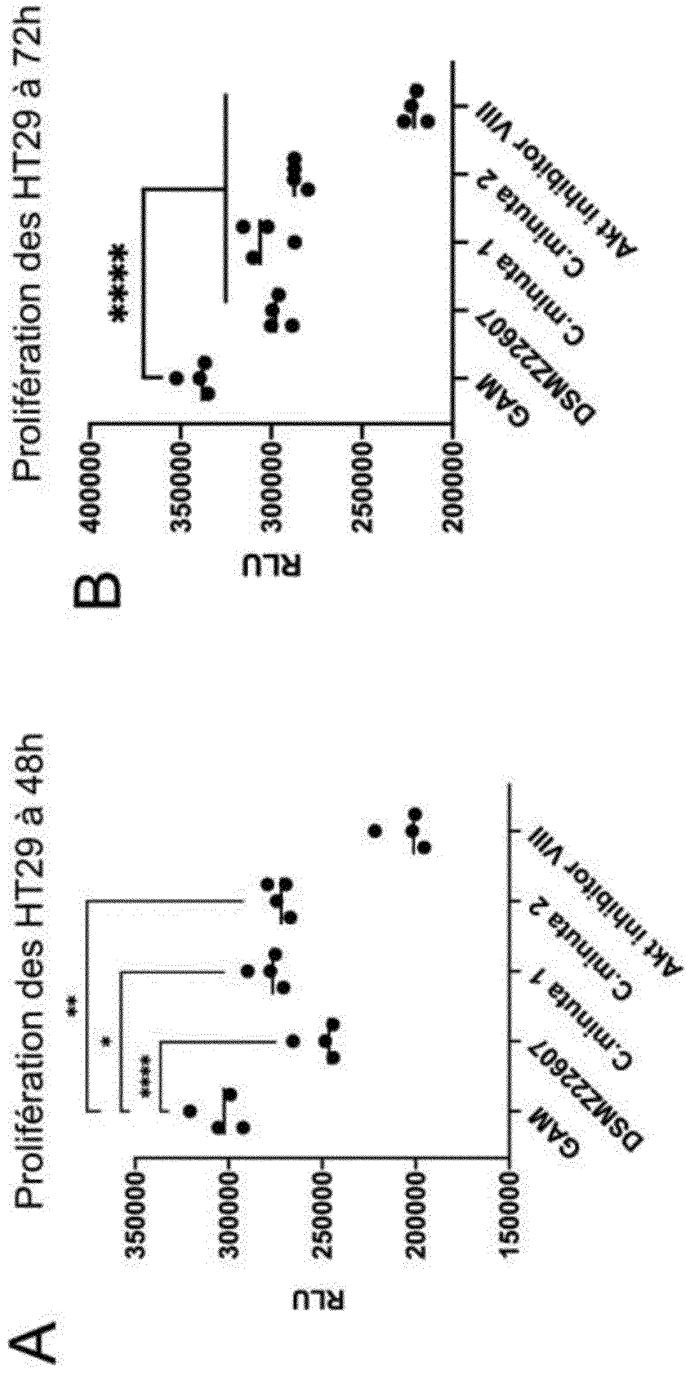

A
Prolifération des HT29 à 48h
RLU
350000
300000
250000
200000
150000
**
*
****
GAM
DSMZ22607
C.minuta 1
C.minuta 2
Akt inhibitor VIII
B
Prolifération des HT29 à 72h
RLU
400000
350000
300000
250000
200000
****
GAM
DSMZ22607
C.minuta 1
C.minuta 2
Akt inhibitor VIII

Figure 6