Figure 1

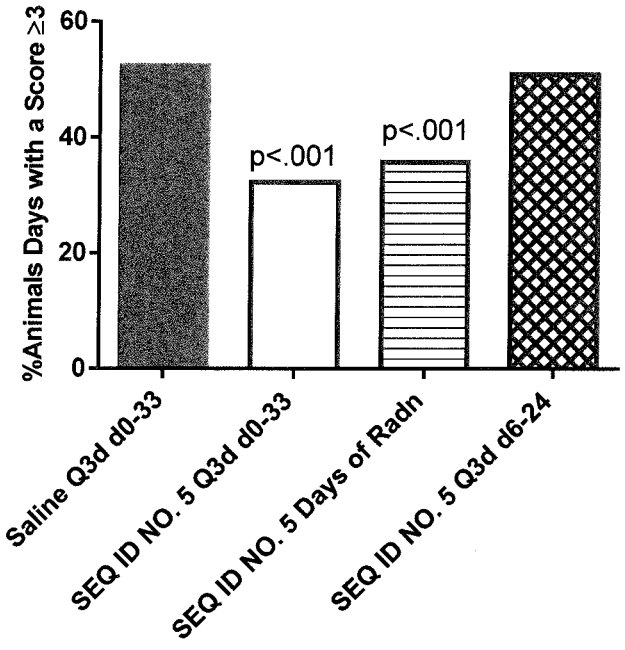


Figure 2

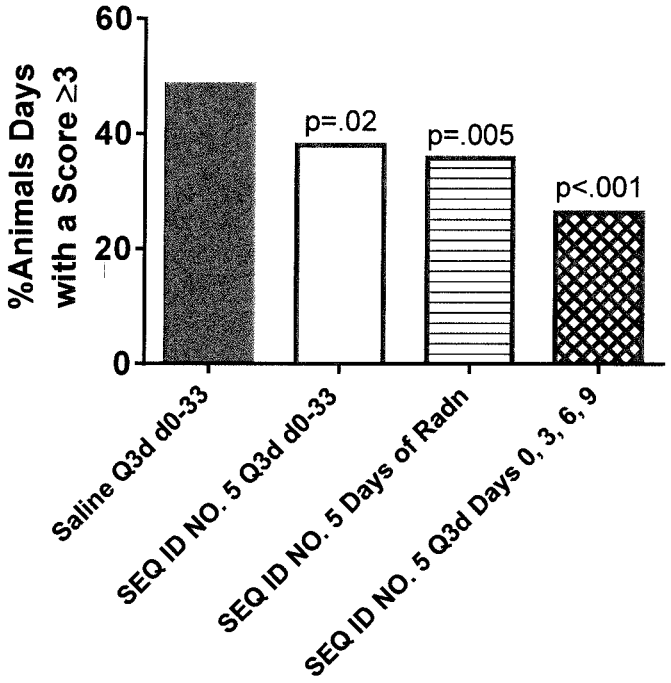


Figure 3

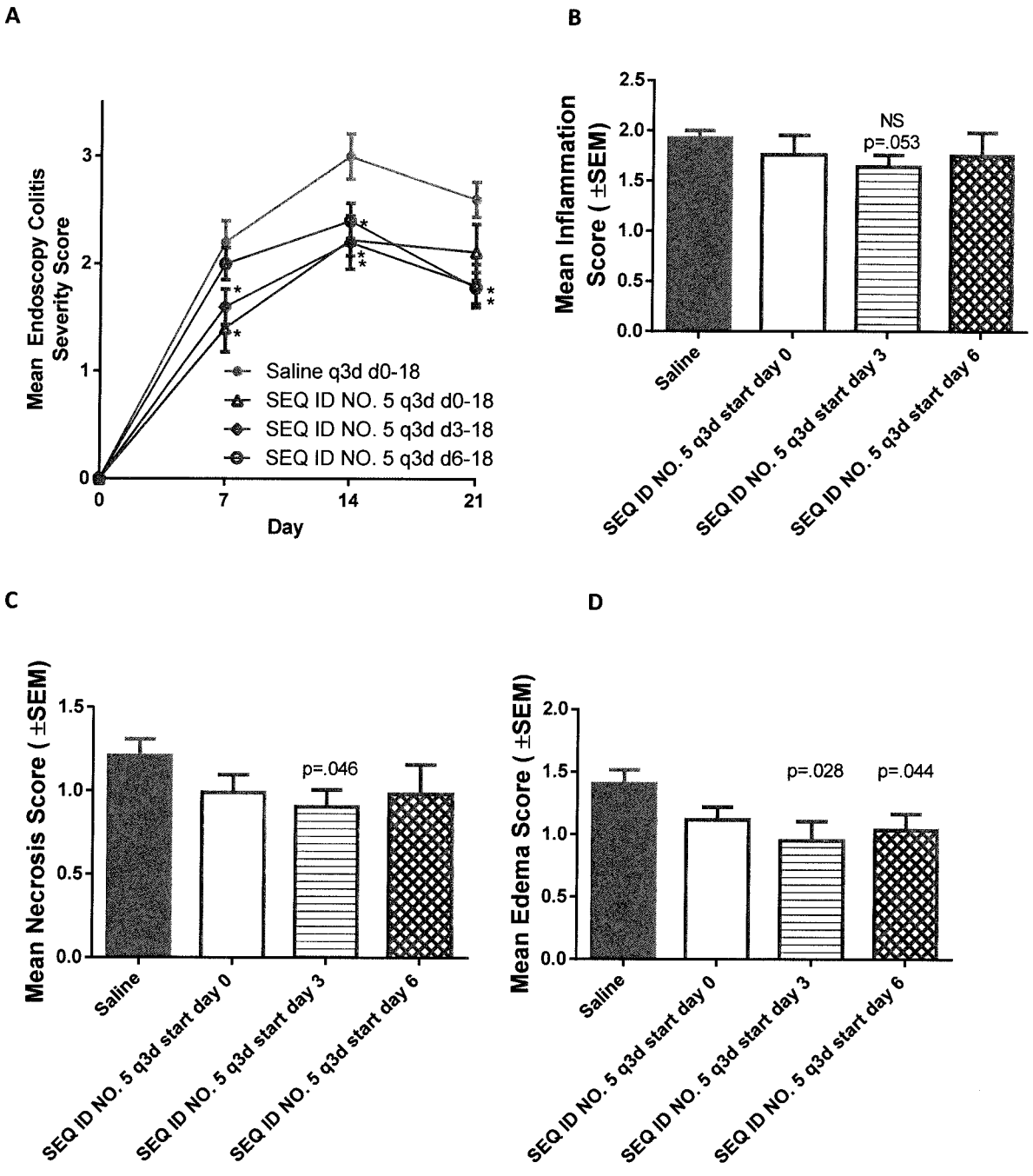

A
Mean Endoscopy Colitis Severity Score
Day
Saline q3d d0-18
SEQ ID NO. 5 q3d d0-18
SEQ ID NO. 5 q3d d3-18
SEQ ID NO. 5 q3d d6-18
B
Mean Inflammation Score (±SEM)
NS
p=.053
Saline
SEQ ID NO. 5 q3d start day 0
SEQ ID NO. 5 q3d start day 3
SEQ ID NO. 5 q3d start day 6
C
Mean Necrosis Score (±SEM)
p=.046
D
Mean Edema Score (±SEM)
p=.028
p=.044

Figure 4

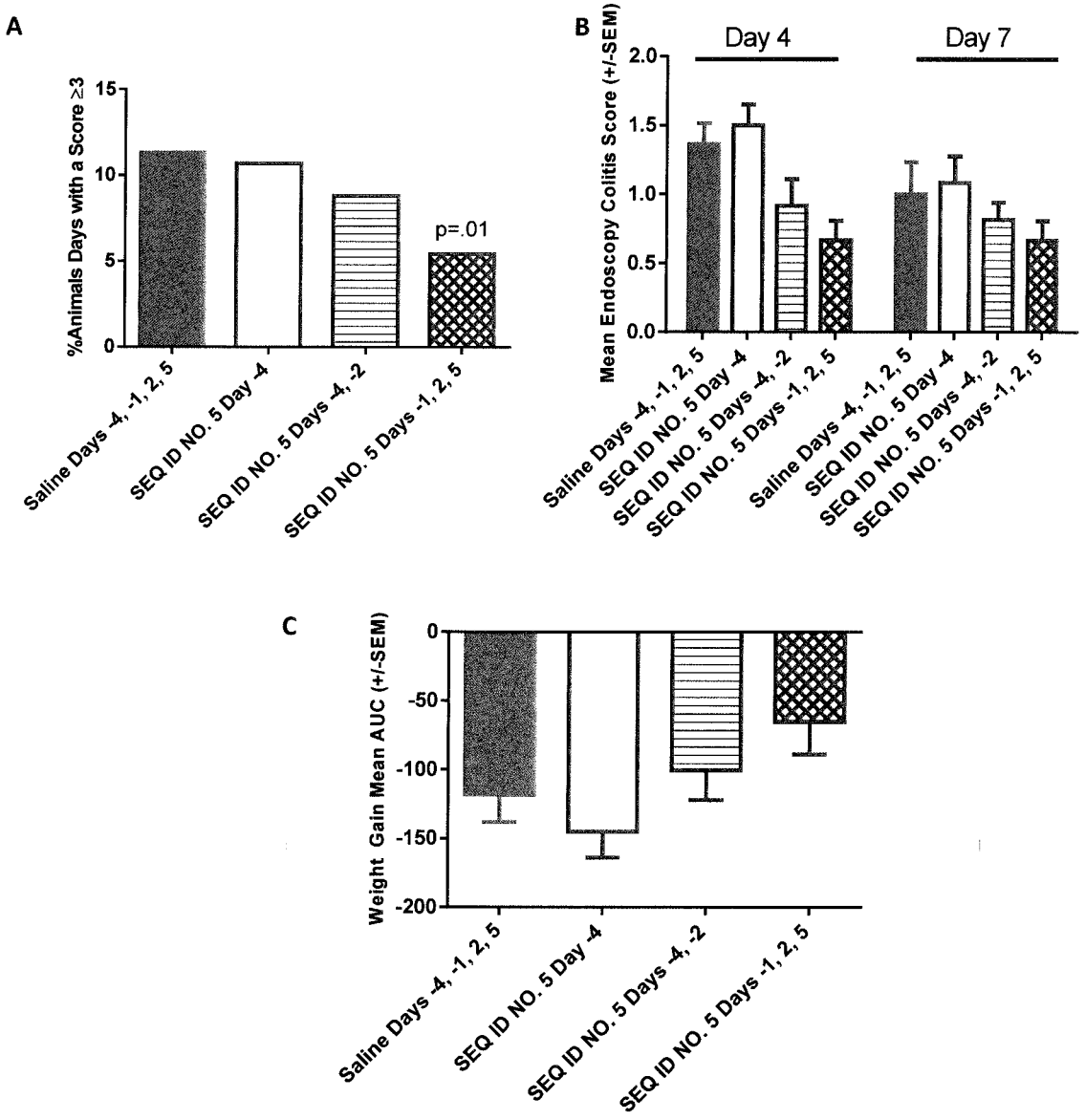

A
%Animals Days with a Score ≥3
15
10
5
0
p=.01
Saline Days -4, -1, 2, 5
SEQ ID NO. 5 Day -4
SEQ ID NO. 5 Days -4, -2
SEQ ID NO. 5 Days -1, 2, 5
B
Mean Endoscopy Colitis Score (+/-SEM)
2.0
1.5
1.0
0.5
0.0
Day 4
Day 7
Saline Days -4, -1, 2, 5
SEQ ID NO. 5 Day -4
SEQ ID NO. 5 Days -4, -2
SEQ ID NO. 5 Days -1, 2, 5
Saline Days -4, -1, 2, 5
SEQ ID NO. 5 Day -4
SEQ ID NO. 5 Days -4, -2
SEQ ID NO. 5 Days -1, 2, 5
C
Weight Gain Mean AUC (+/-SEM)
0
-50
-100
-150
-200
Saline Days -4, -1, 2, 5
SEQ ID NO. 5 Day -4
SEQ ID NO. 5 Days -4, -2
SEQ ID NO. 5 Days -1, 2, 5

Figure 5

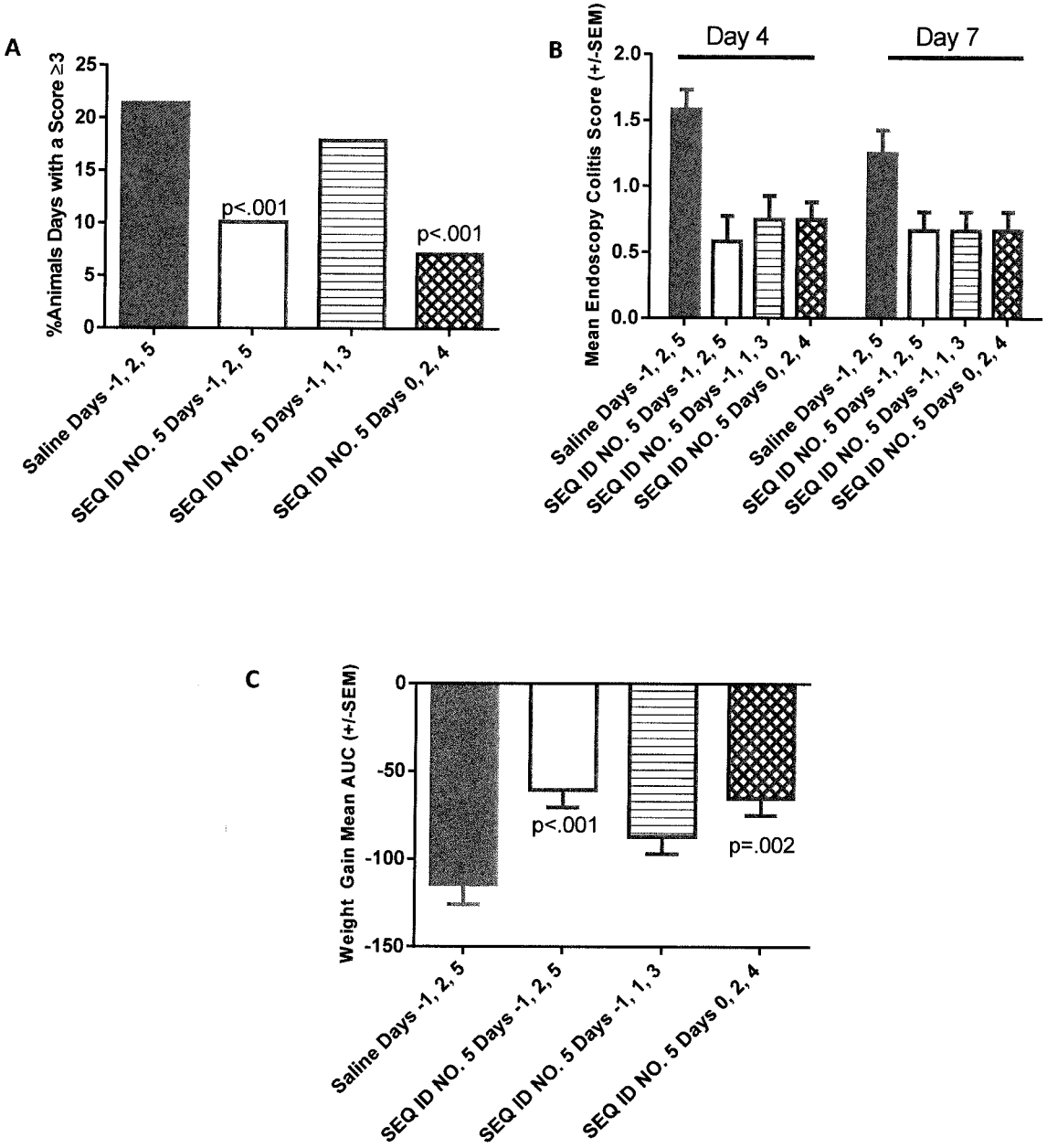

A
%Animals Days with a Score ≥3
25
20
15
10
5
0
p<.001
p<.001
Saline Days -1, 2, 5
SEQ ID NO. 5 Days -1, 2, 5
SEQ ID NO. 5 Days -1, 1, 3
SEQ ID NO. 5 Days 0, 2, 4
B
Mean Endoscopy Colitis Score (+/-SEM)
2.0
1.5
1.0
0.5
0.0
Day 4
Day 7
Saline Days -1, 2, 5
SEQ ID NO. 5 Days -1, 2, 5
SEQ ID NO. 5 Days -1, 1, 3
SEQ ID NO. 5 Days 0, 2, 4
Saline Days -1, 2, 5
SEQ ID NO. 5 Days -1, 2, 5
SEQ ID NO. 5 Days -1, 1, 3
SEQ ID NO. 5 Days 0, 2, 4
C
Weight Gain Mean AUC (+/-SEM)
0
-50
-100
-150
p<.001
p=.002
Saline Days -1, 2, 5
SEQ ID NO. 5 Days -1, 2, 5
SEQ ID NO. 5 Days -1, 1, 3
SEQ ID NO. 5 Days 0, 2, 4

Figure 6

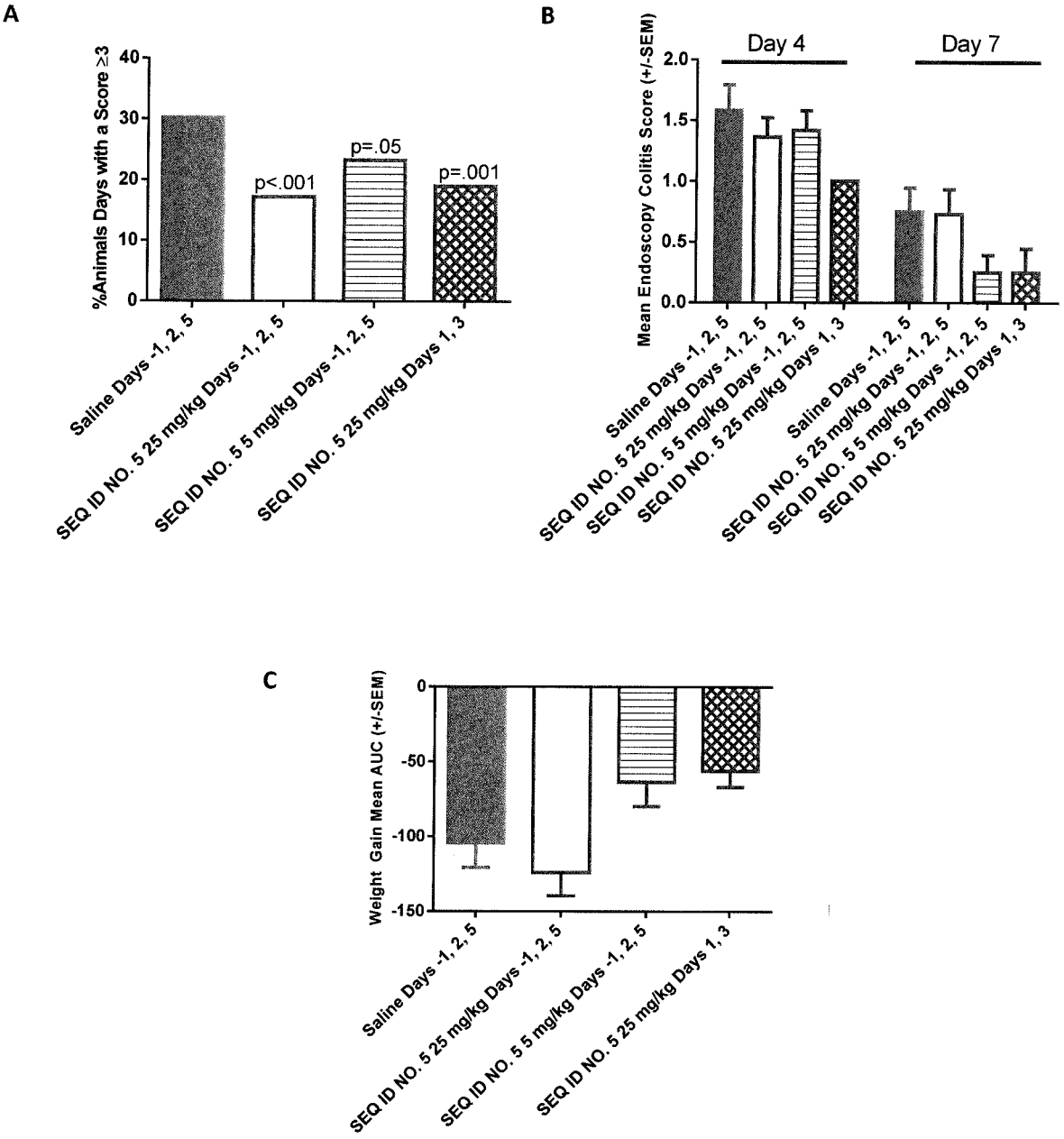

A
%Animals Days with a Score ≥3
40
30
20
10
0
p<.001
p=.05
p=.001
Saline Days -1, 2, 5
SEQ ID NO. 5 25 mg/kg Days -1, 2, 5
SEQ ID NO. 5 5 mg/kg Days -1, 2, 5
SEQ ID NO. 5 25 mg/kg Days 1, 3
B
Mean Endoscopy Colitis Score (+/-SEM)
2.0
1.5
1.0
0.5
0.0
Day 4
Day 7
Saline Days -1, 2, 5
SEQ ID NO. 5 25 mg/kg Days -1, 2, 5
SEQ ID NO. 5 5 mg/kg Days -1, 2, 5
SEQ ID NO. 5 25 mg/kg Days 1, 3
C
Weight Gain Mean AUC (+/-SEM)
0
-50
-100
-150
Saline Days -1, 2, 5
SEQ ID NO. 5 25 mg/kg Days -1, 2, 5
SEQ ID NO. 5 5 mg/kg Days -1, 2, 5
SEQ ID NO. 5 25 mg/kg Days 1, 3

Figure 7

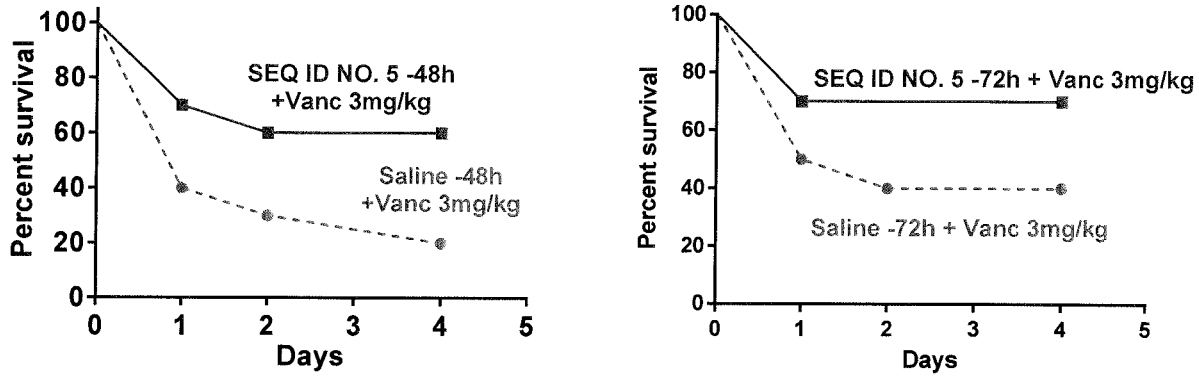


Figure 8

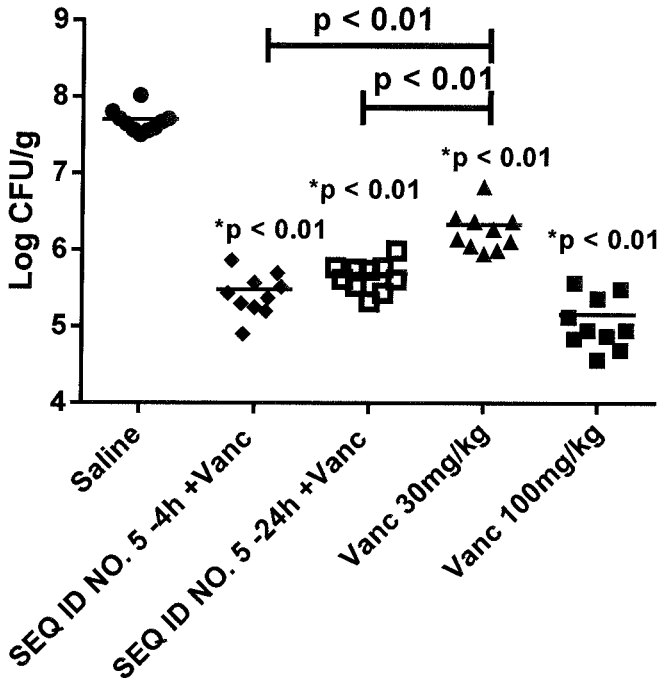


Figure 9

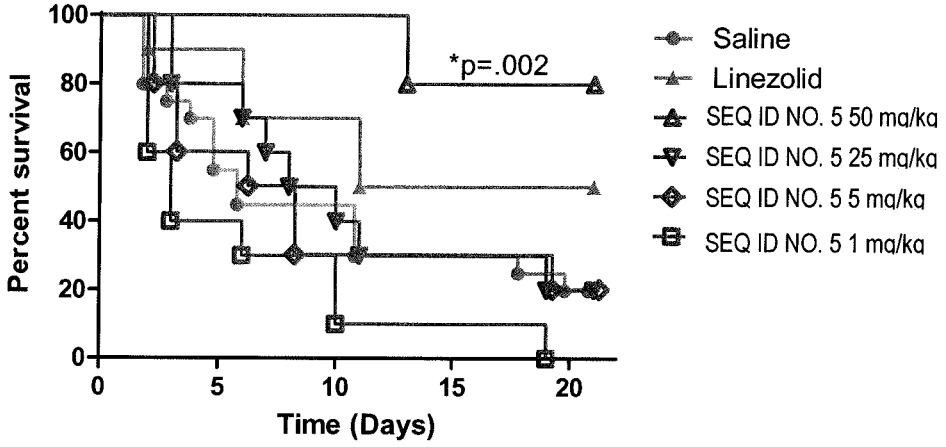


Figure 10

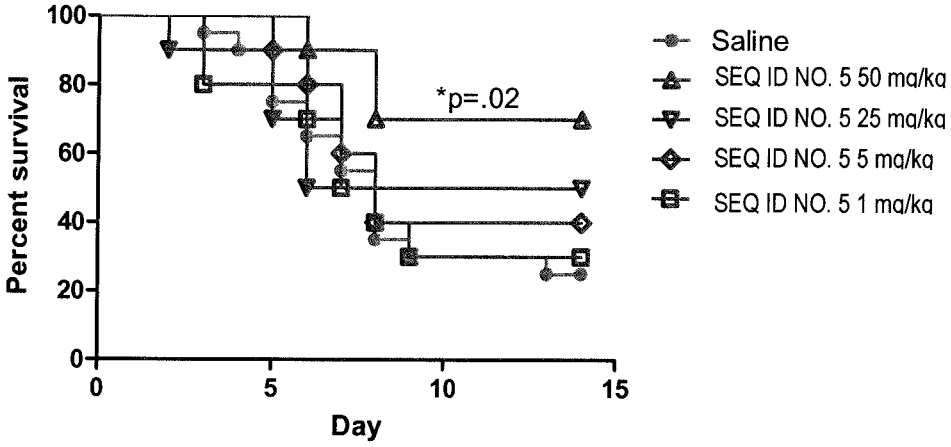


Figure 11

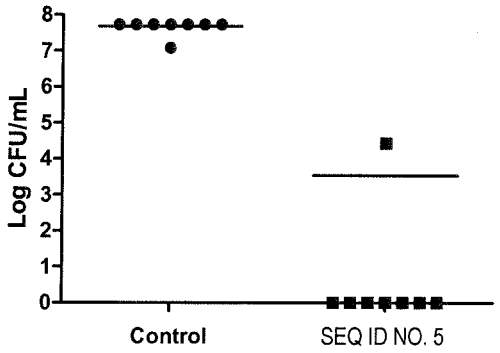


Figure 12

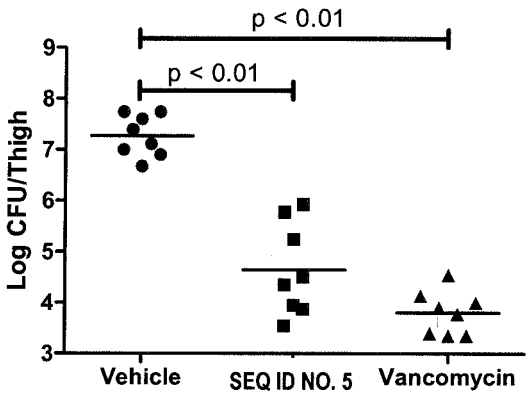
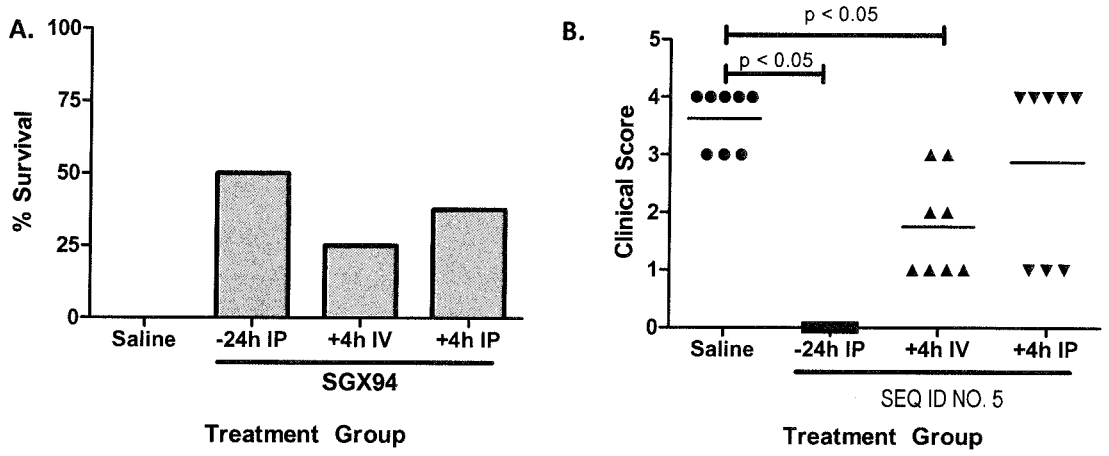
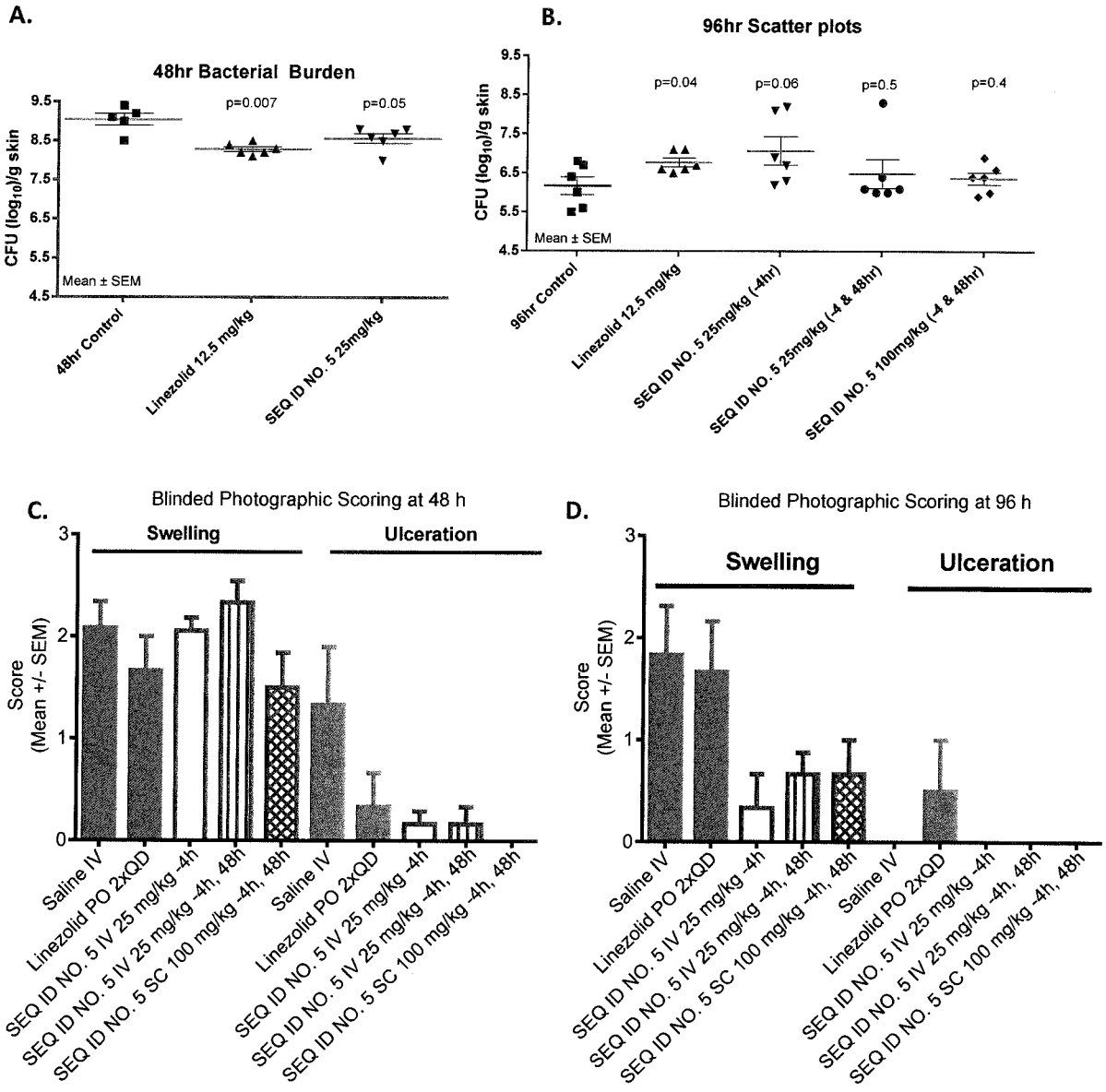


Figure 13 *



* Absence of a bar in panels A indicates that all mice died (0% survival).

Figure 14 *



* Absence of a bar in panels C and D indicates that all mice had a zero score, yielding a mean and standard error of the mean (SEM) of 0 ± 0.

Figure 15

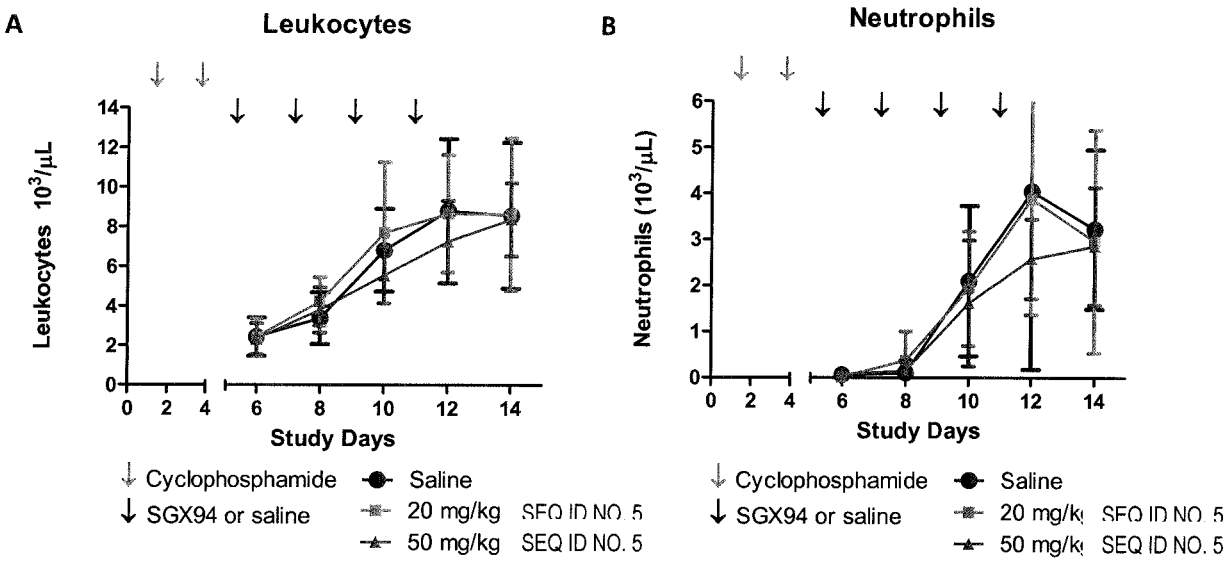

A
Leukocytes
Leukocytes 10^3/µL
Study Days
B
Neutrophils
Neutrophils (10^3/µL)
Study Days
Cyclophosphamide
SGX94 or saline
Saline
20 mg/kg SEQ ID NO. 5
50 mg/kg SEQ ID NO. 5

Figure 16

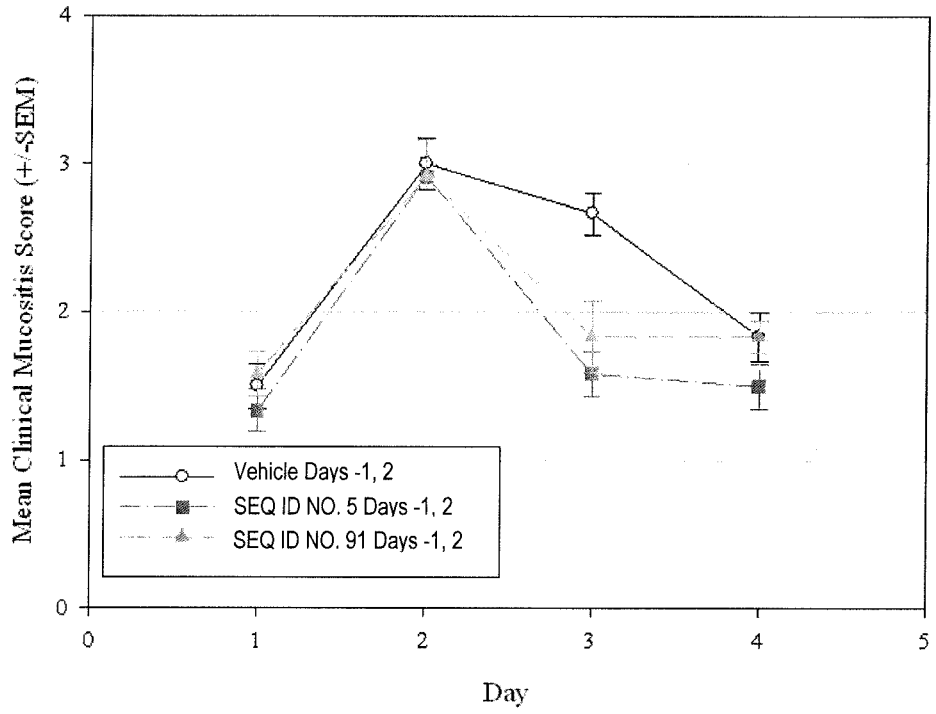


Figure 17

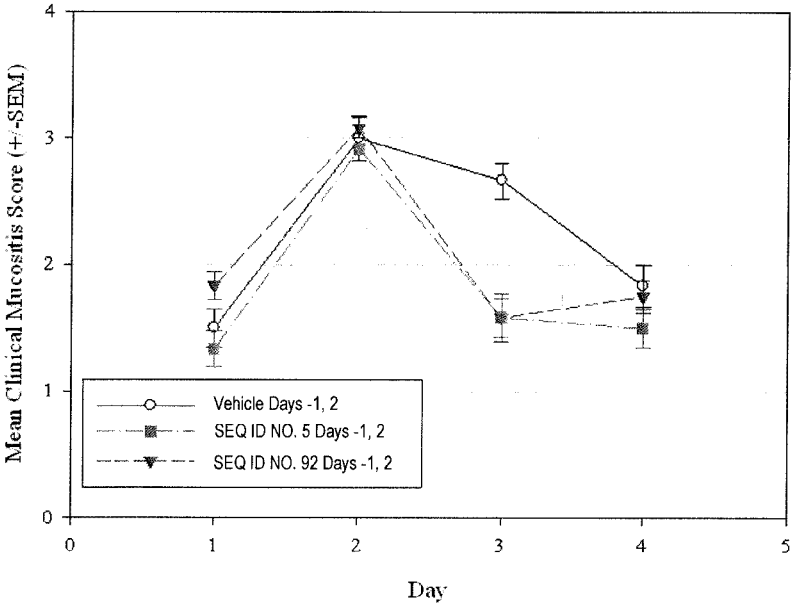


Figure 18

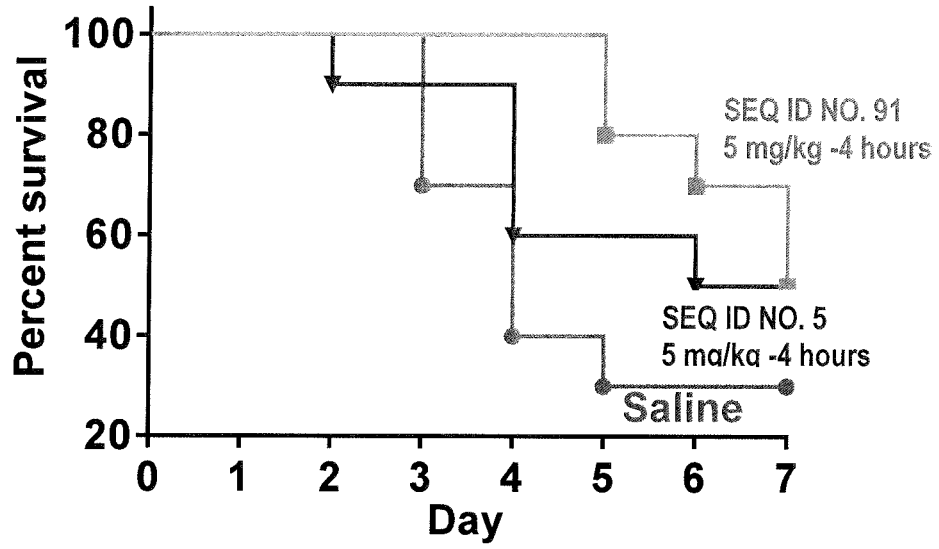


Figure 19

