Figure 1

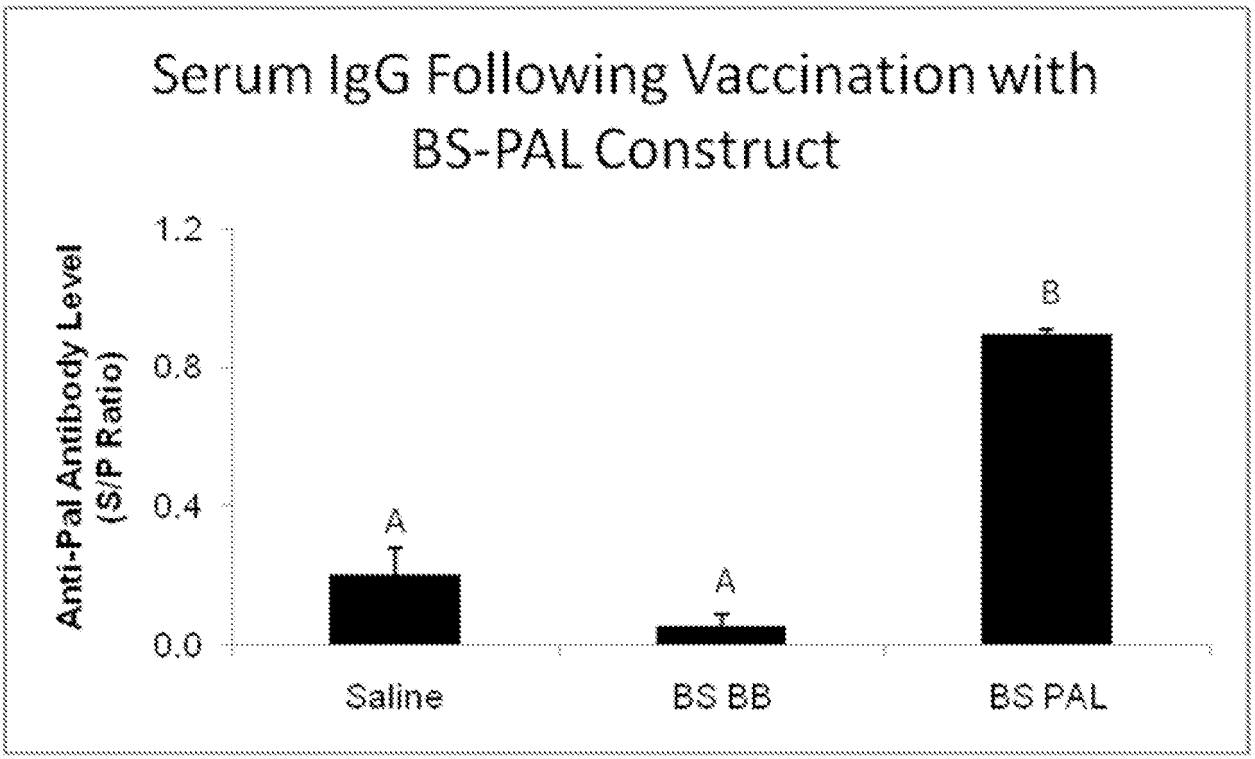


Figure 2

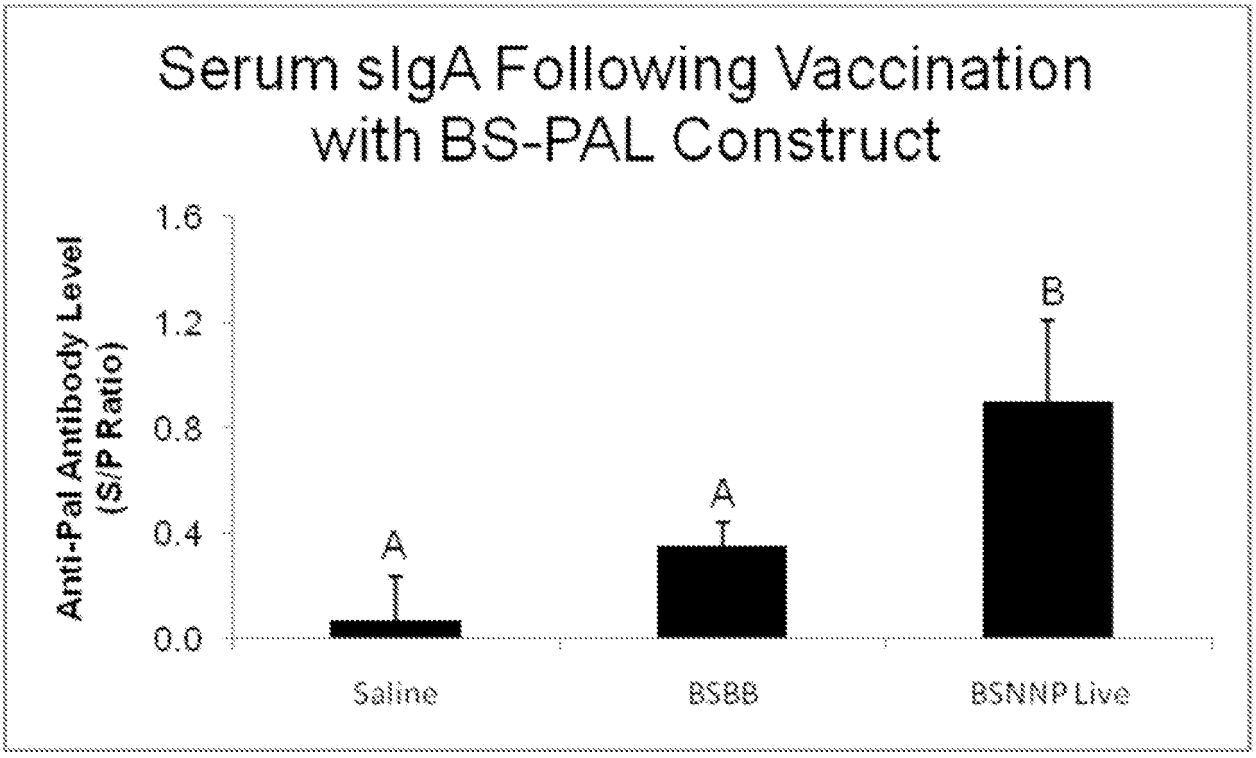


Figure 3

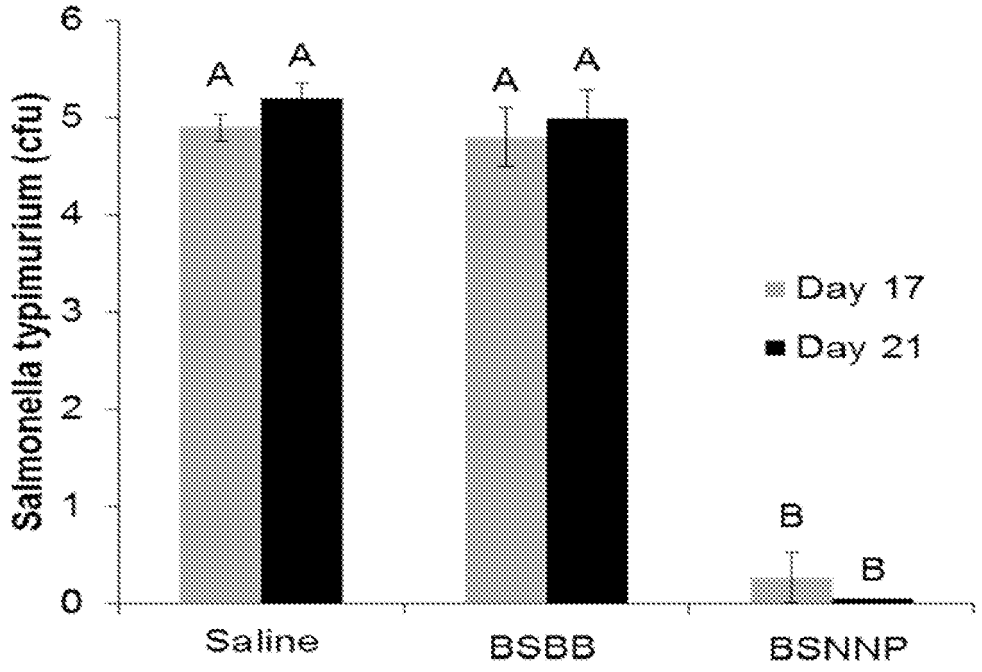

Salmonella typimurium (cfu)
6
5
4
3
2
1
0
A
A
A
A
B
B
Day 17
Day 21
Saline
BSBB
BSNNP

Figure 4

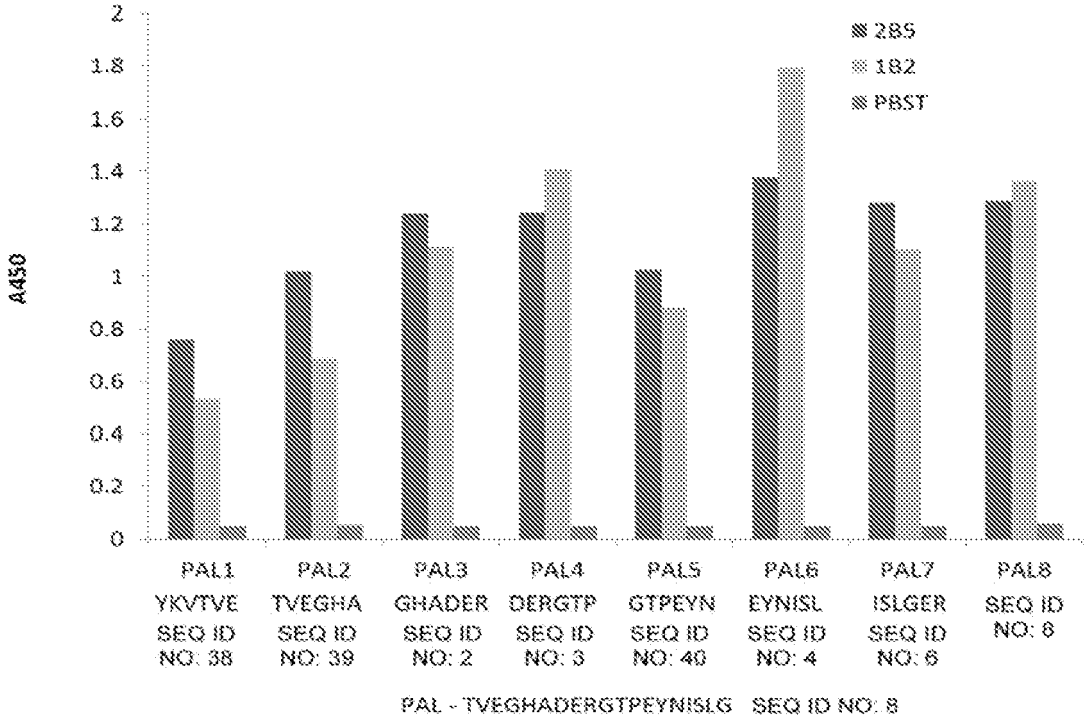

2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
A450
2B5
1B2
PBST
PAL1
YKVTVE
SEQ ID
NO: 38
PAL2
TVEGHA
SEQ ID
NO: 39
PAL3
GHADER
SEQ ID
NO: 2
PAL4
DERGTP
SEQ ID
NO: 3
PAL5
GTPEYN
SEQ ID
NO: 40
PAL6
EYNISL
SEQ ID
NO: 4
PAL7
ISLGER
SEQ ID
NO: 6
PAL8
SEQ ID
NO: 8
PAL - TVEGHADERGTPEYNISLG SEQ ID NO: 8

Figure 5

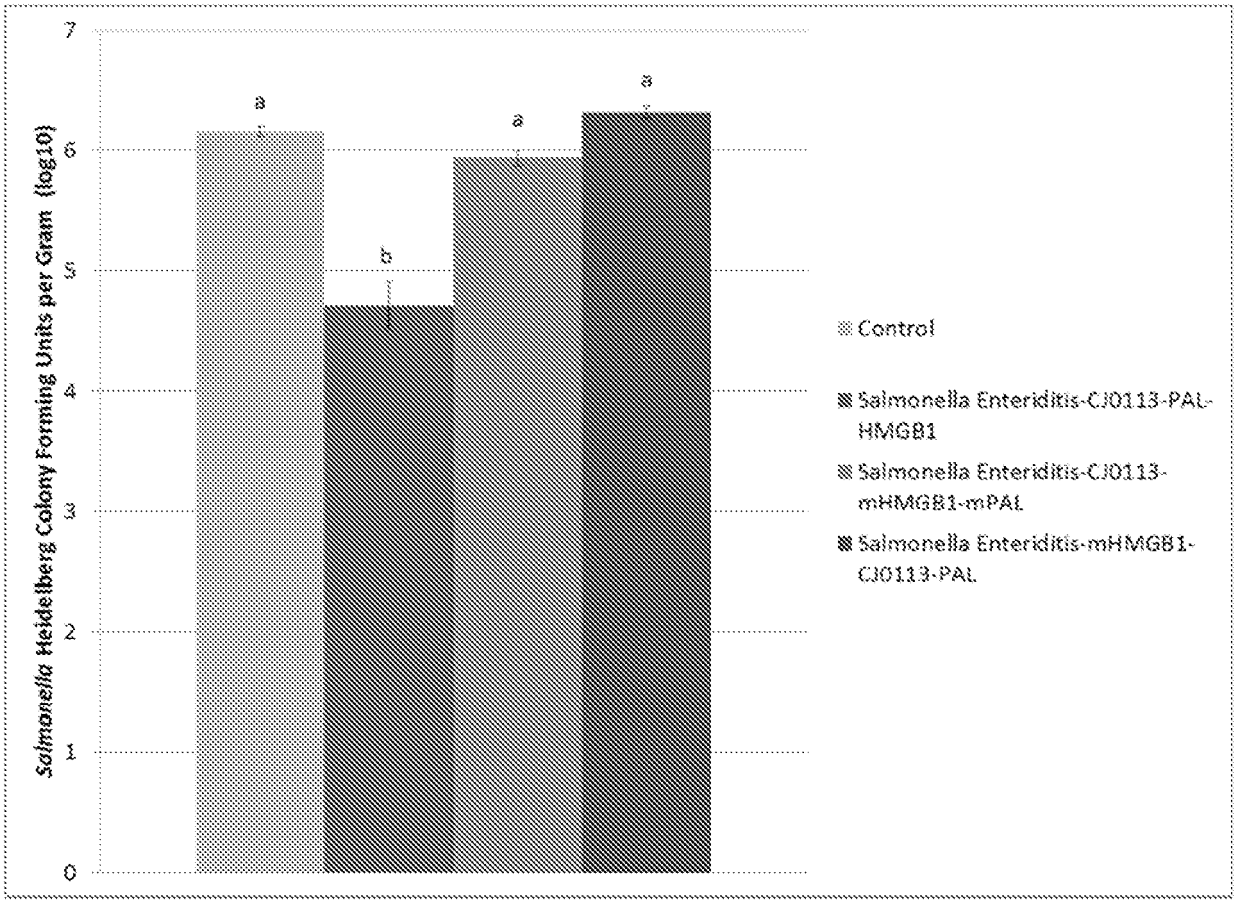

Salmonella Heidelberg Colony Forming Units per Gram (log10)
0
1
2
3
4
5
6
7
a
b
a
a
Control
Salmonella Enteriditis-CJ0113-PAL-HMGB1
Salmonella Enteriditis-CJ0113-mHMGB1-mPAL
Salmonella Enteriditis-mHMGB1-CJ0113-PAL

Figure 6

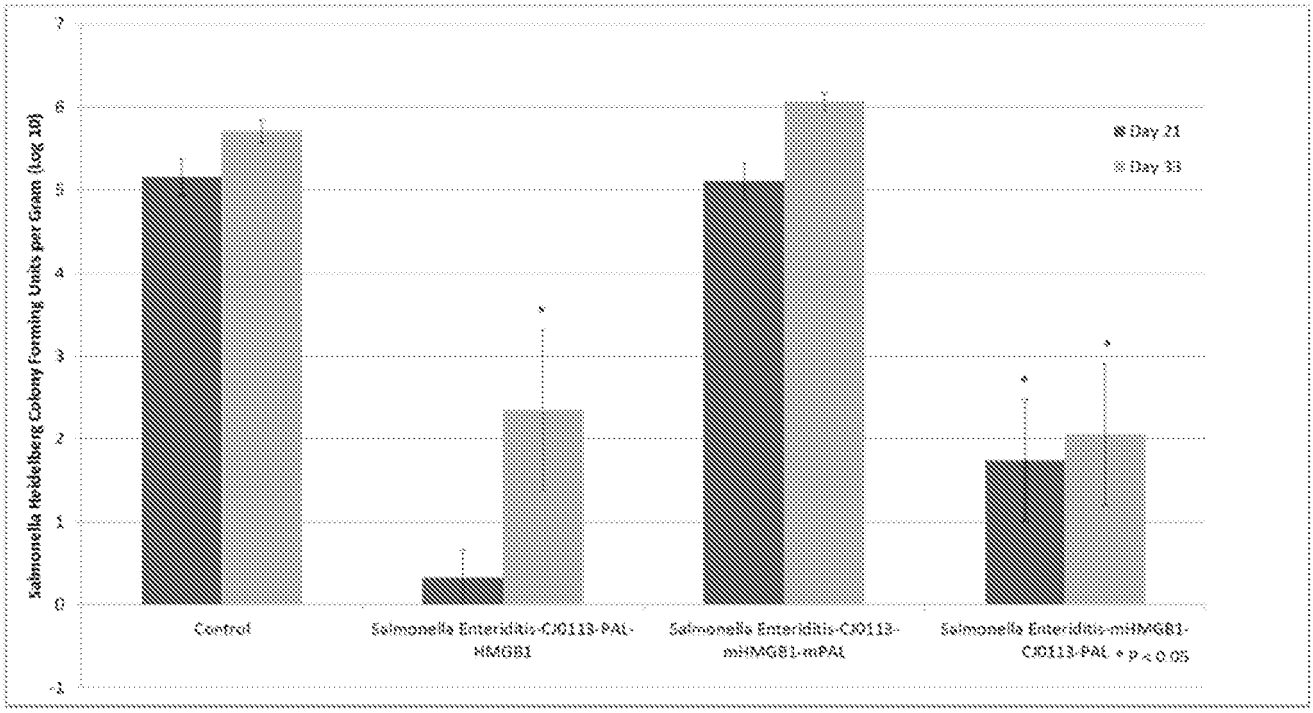


Figure 7

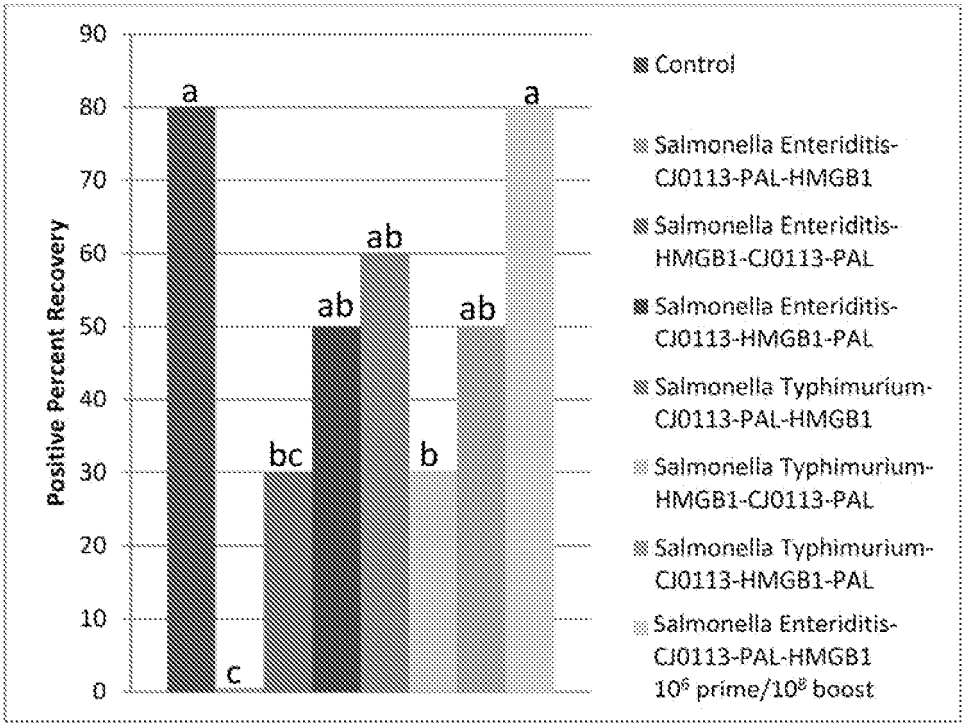
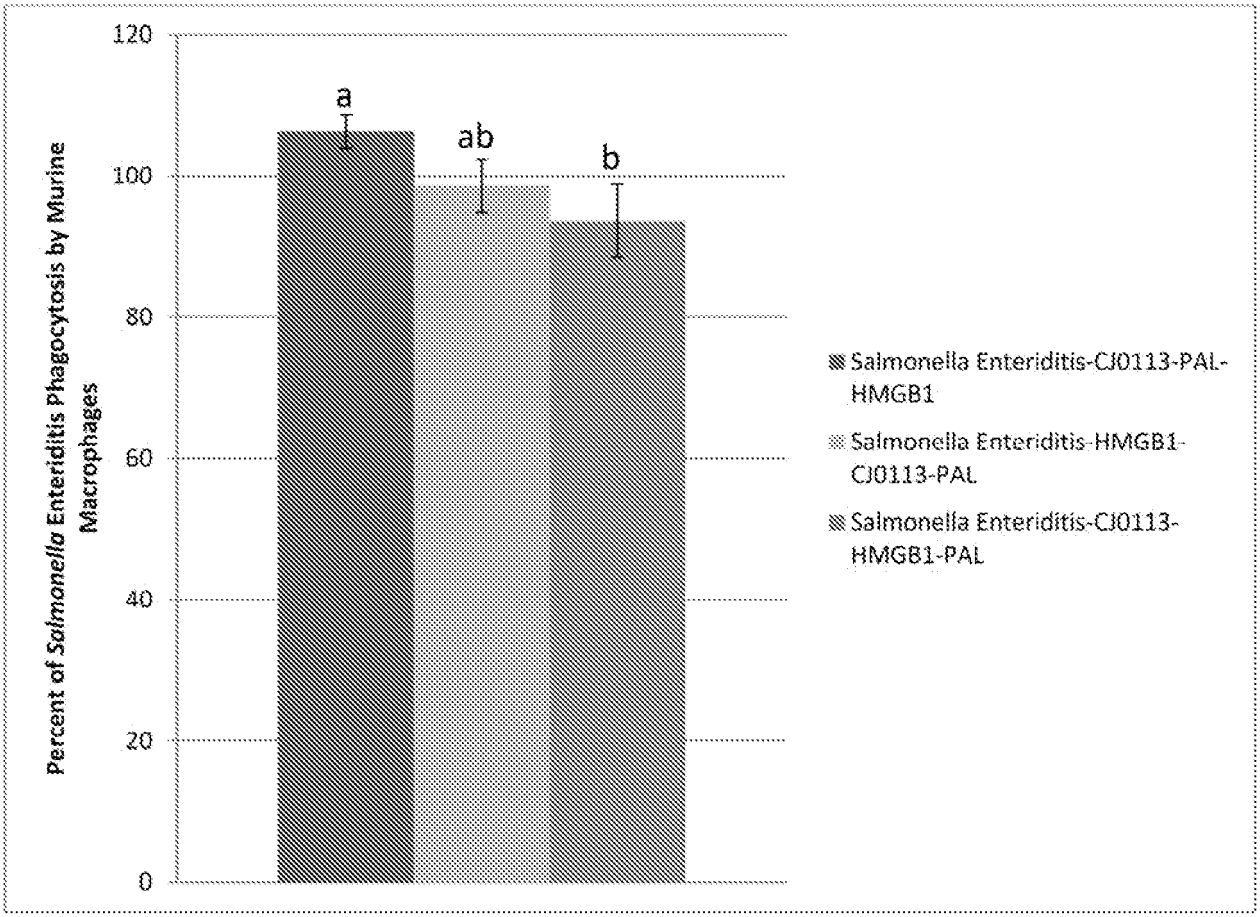


Figure 8


120
100
80
60
40
20
0
a
ab
b
Percent of Salmonella Enteriditis Phagocytosis by Murine Macrophages
Salmonella Enteriditis-CJ0113-PAL-HMGB1
Salmonella Enteriditis-HMGB1-CJ0113-PAL
Salmonella Enteriditis-CJ0113-HMGB1-PAL