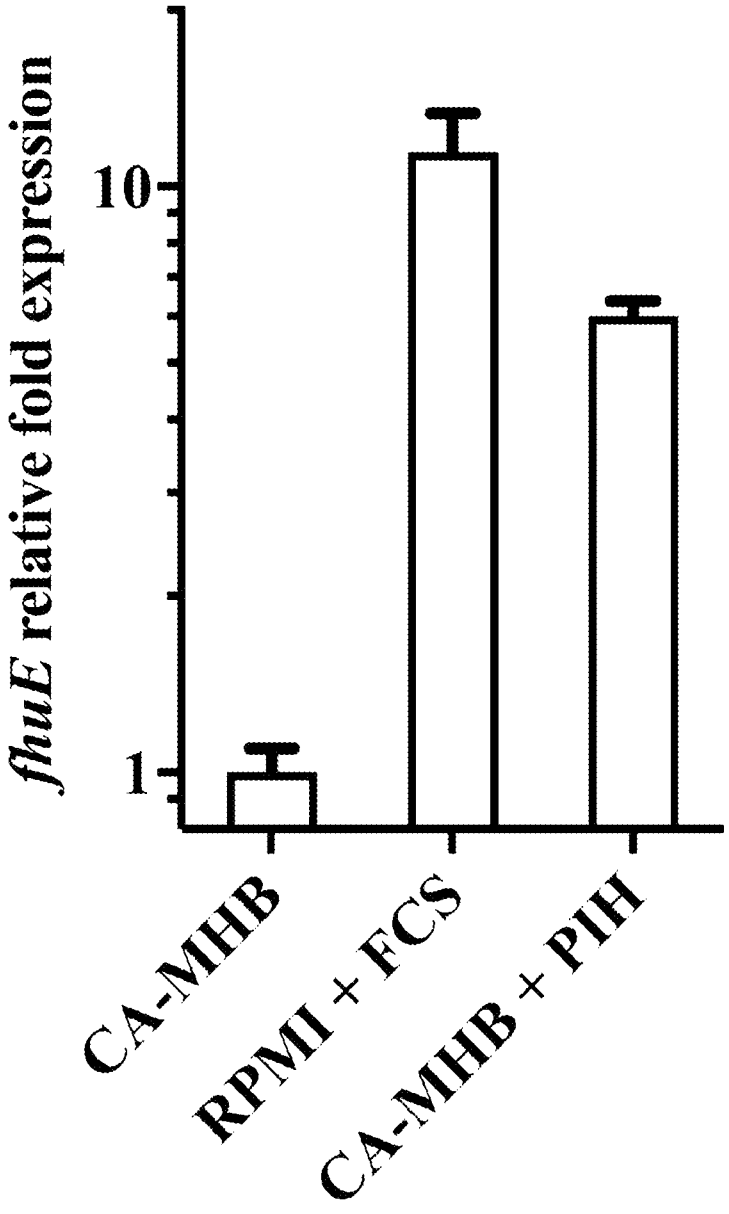


FIG. 1

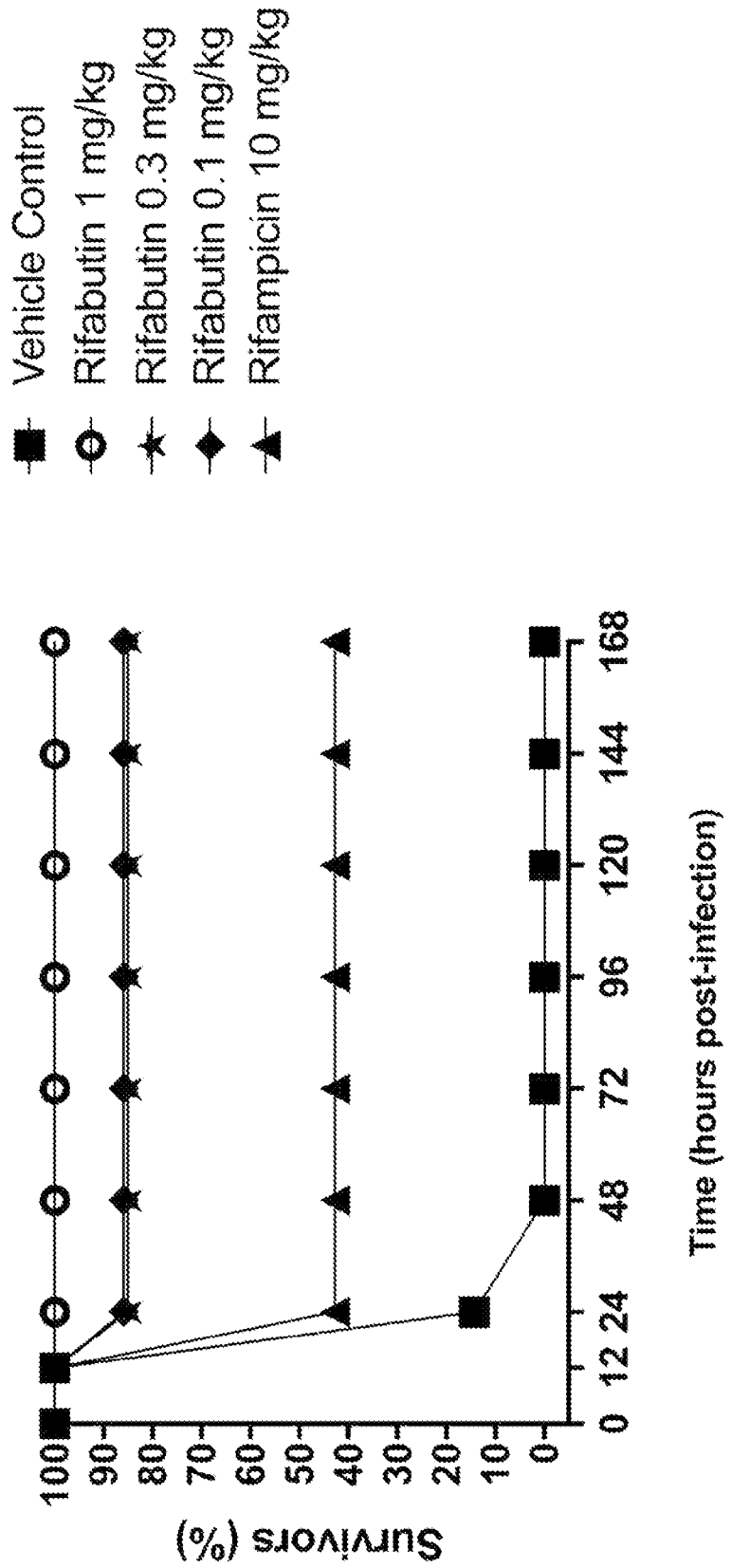

Vehicle Control
Rifabutin 1 mg/kg
Rifabutin 0.3 mg/kg
Rifabutin 0.1 mg/kg
Rifampicin 10 mg/kg
Survivors (%)
100
90
80
70
60
50
40
30
20
10
0
0 12 24 48 72 96 120 144 168
Time (hours post-infection)

FIG. 2

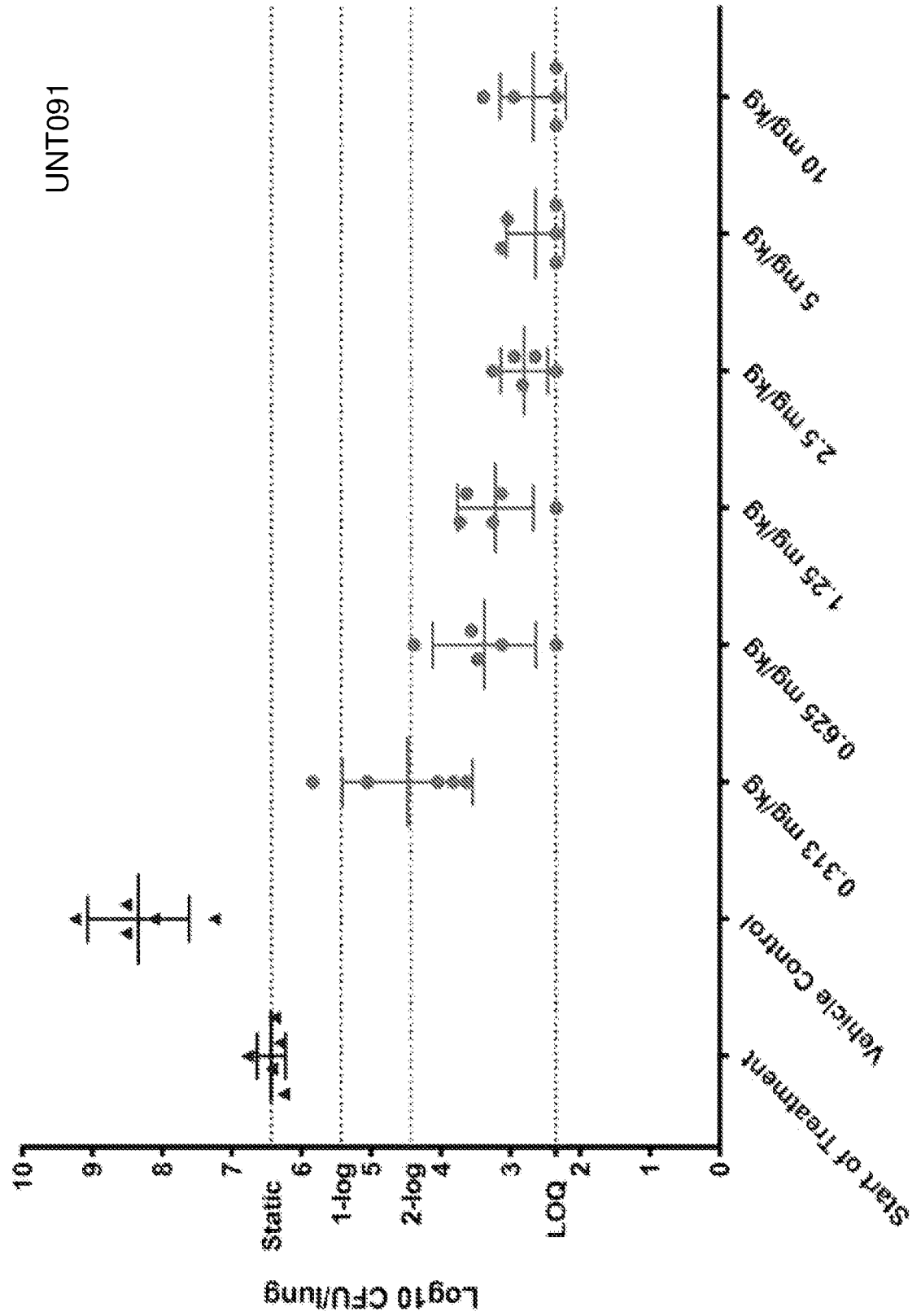

UNT091
Log10 CFU/lung
10
9
8
7
6
5
4
3
2
1
0
Static
1-log
2-log
LOQ
Start of Treatment
Vehicle Control
0.313 mg/kg
0.625 mg/kg
1.25 mg/kg
2.5 mg/kg
5 mg/kg
10 mg/kg

FIG. 3

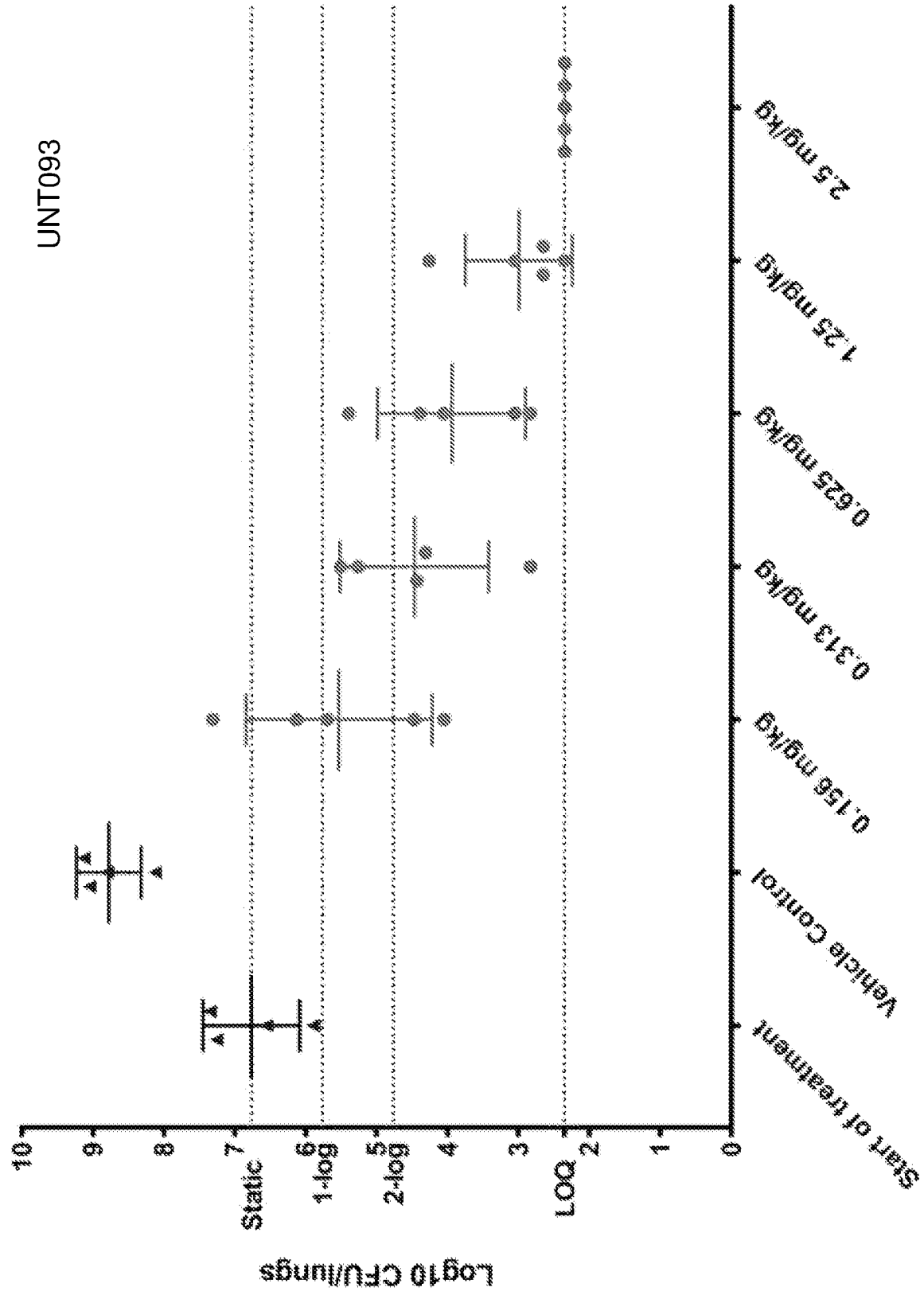

UNT093
Log10 CFU/lungs
10
9
8
7
6
5
4
3
2
1
0
Static
1-log
2-log
LOQ
Start of treatment
Vehicle Control
0.156 mg/kg
0.313 mg/kg
0.625 mg/kg
1.25 mg/kg
2.5 mg/kg

FIG. 4

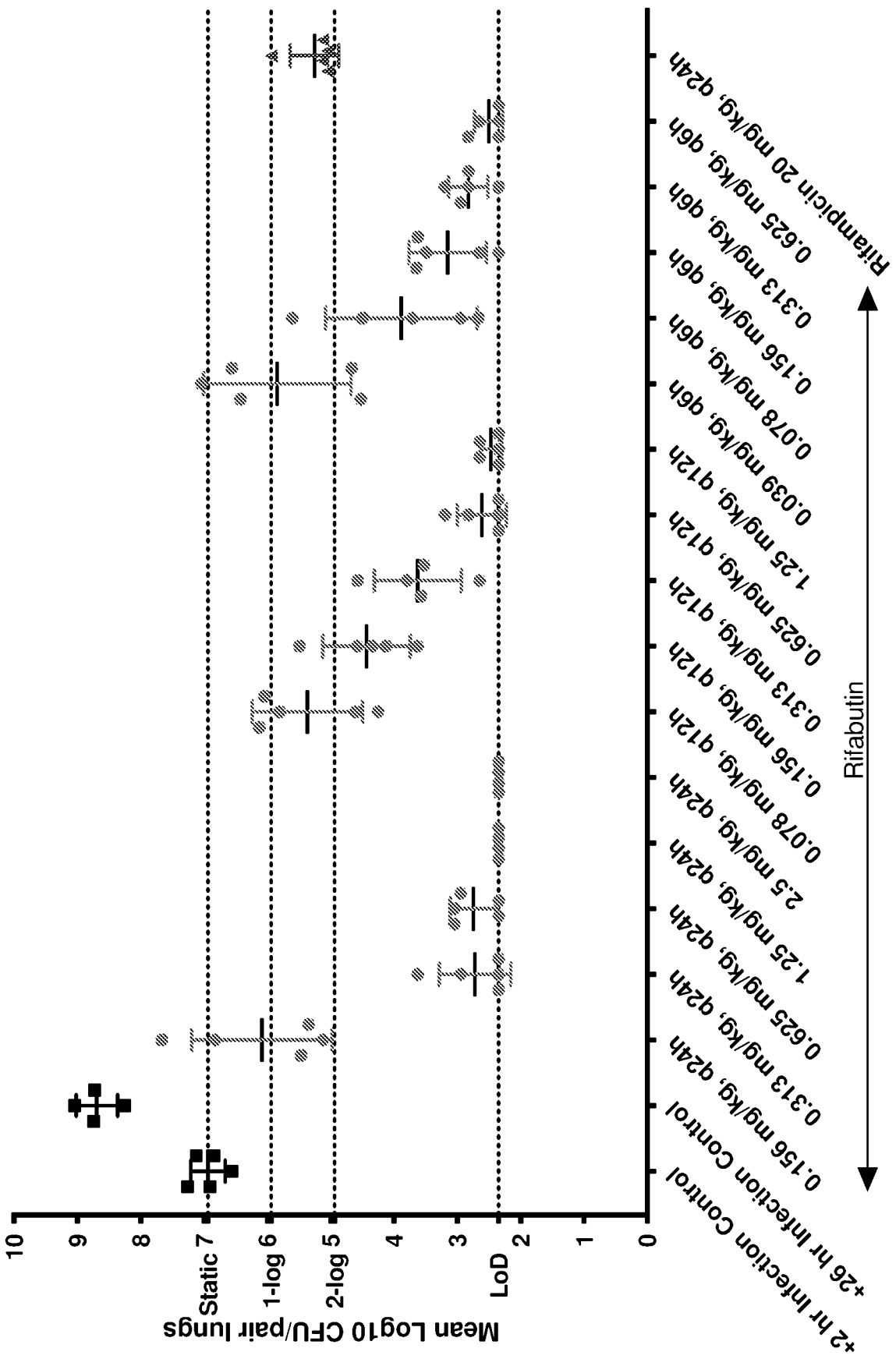

A. baumannii UNT091-1
Mean Log10 CFU/pair lungs
10
9
8
7
6
5
4
3
2
1
0
Static
1-log
2-log
LoD
+2 hr Infection Control
+26 hr Infection Control
0.156 mg/kg, q24h
0.313 mg/kg, q24h
0.625 mg/kg, q24h
1.25 mg/kg, q24h
2.5 mg/kg, q24h
0.078 mg/kg, q12h
0.156 mg/kg, q12h
0.313 mg/kg, q12h
0.625 mg/kg, q12h
1.25 mg/kg, q12h
0.039 mg/kg, q6h
0.078 mg/kg, q6h
0.156 mg/kg, q6h
0.313 mg/kg, q6h
0.625 mg/kg, q6h
Rifampicin 20 mg/kg, q24h
Rifabutin

FIG. 5

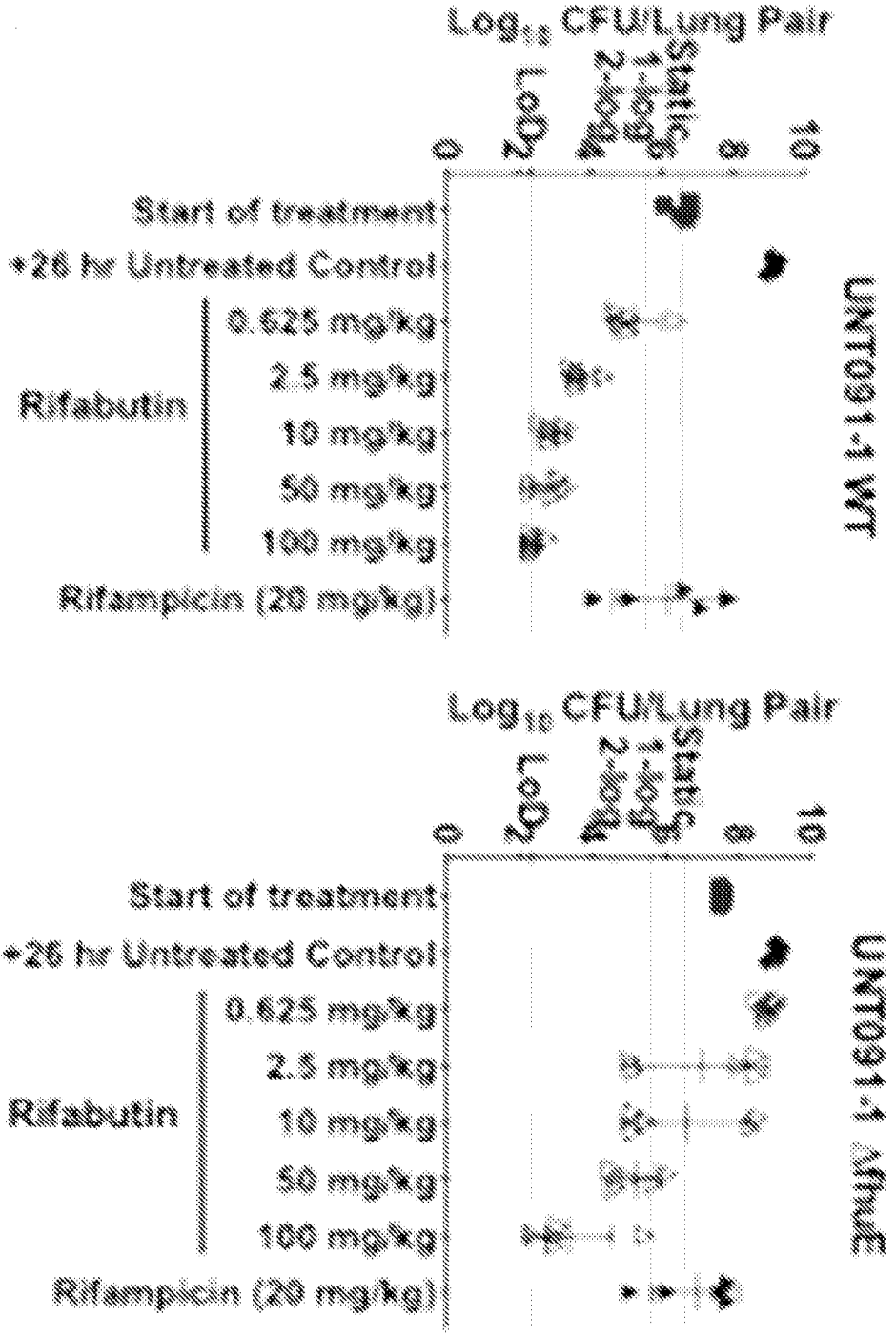

Log10 CFU/Lung Pair
Start of treatment
*26 hr Untreated Control
Rifabutin
0.625 mg/kg
2.5 mg/kg
10 mg/kg
50 mg/kg
100 mg/kg
Rifampicin (20 mg/kg)
UMT091-1 WT
Log10 CFU/Lung Pair
Start of treatment
*26 hr Untreated Control
Rifabutin
0.625 mg/kg
2.5 mg/kg
10 mg/kg
50 mg/kg
100 mg/kg
Rifampicin (20 mg/kg)
UMT091-1 rpoB

FIG. 6

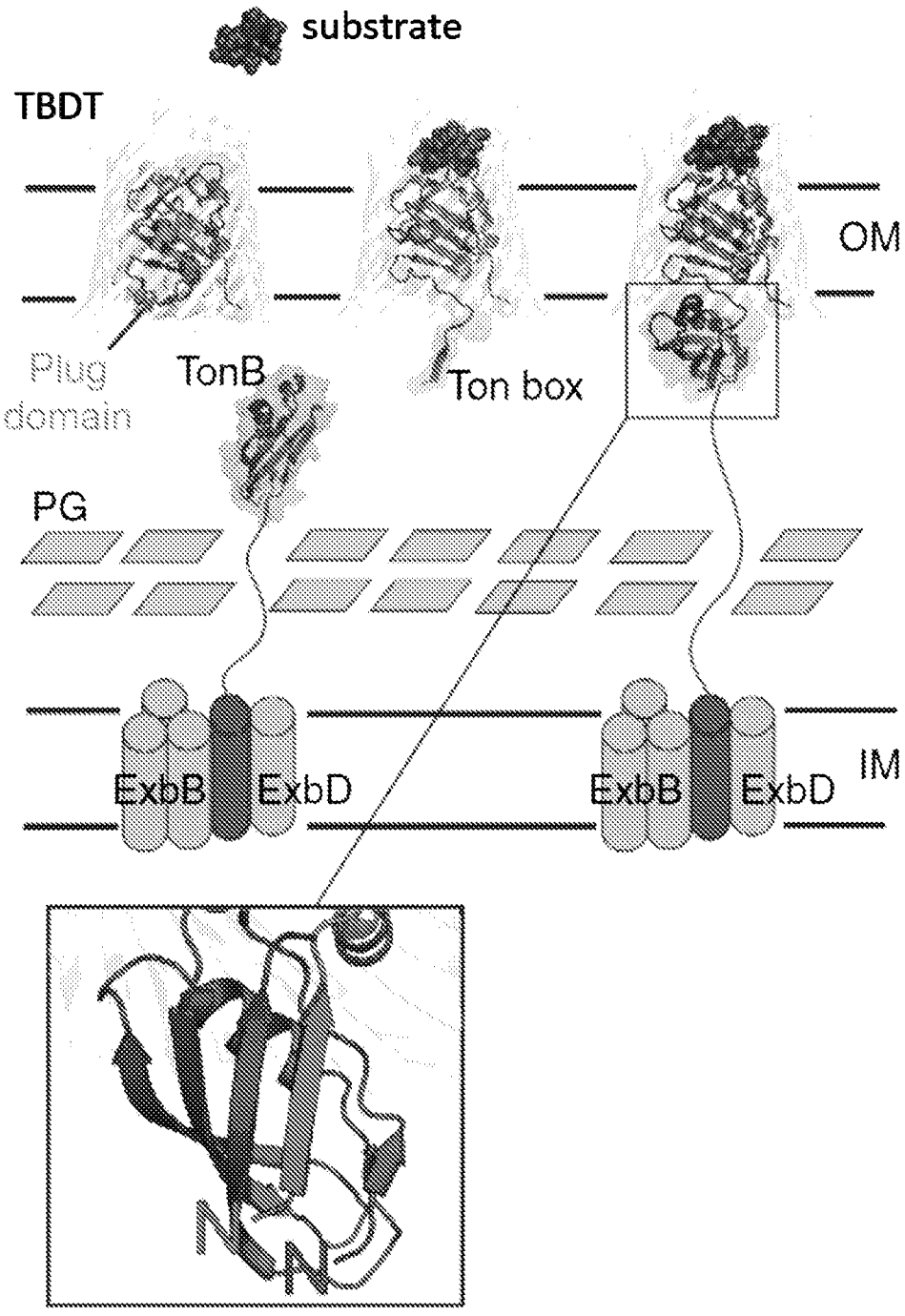

substrate
TBDT
OM
Plug domain
TonB
Ton box
PG
ExbB
ExbD
ExbB
ExbD
IM
N

FIG. 7

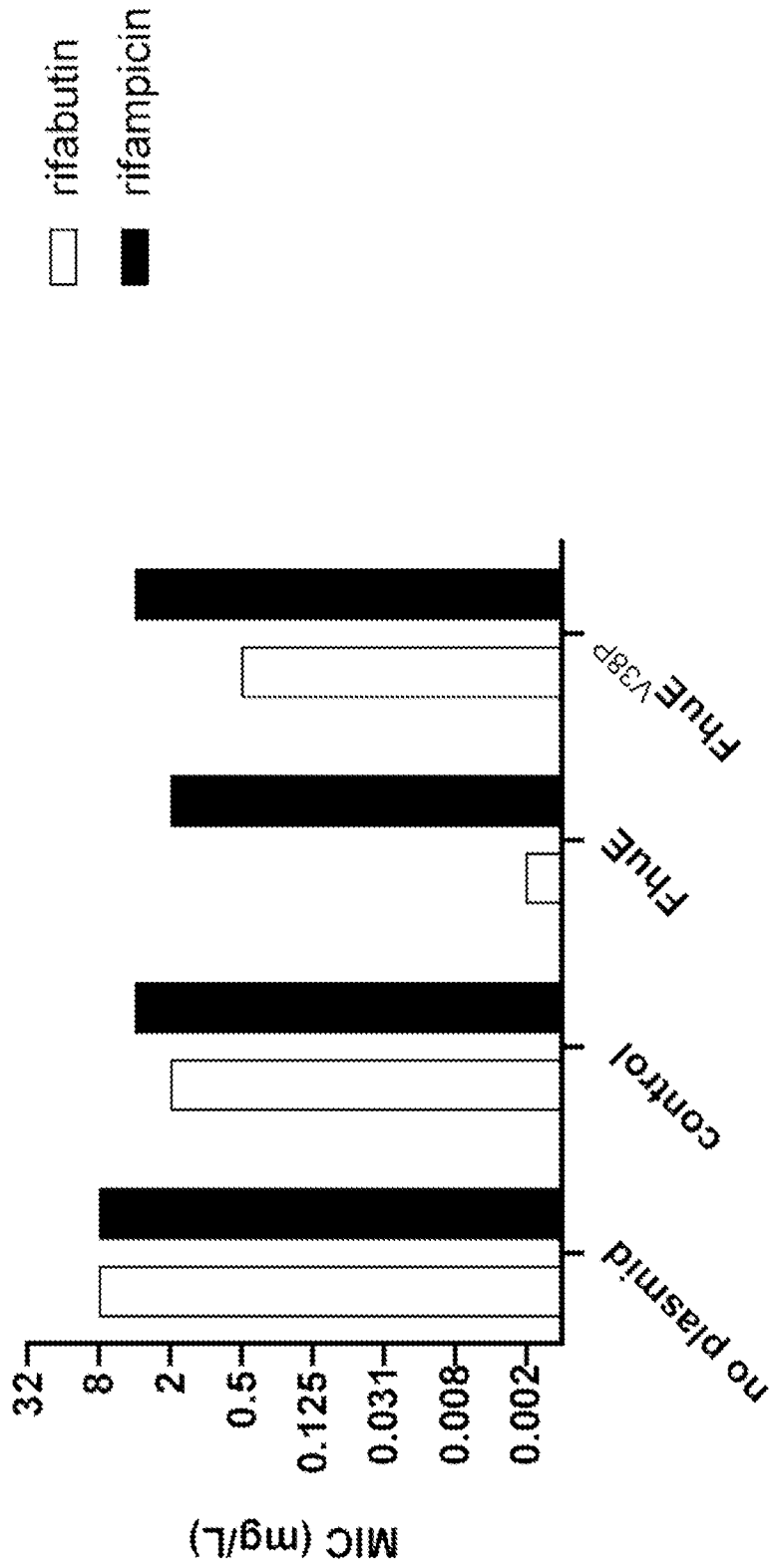

rifabutin
rifampicin
MIC (mg/L)
32
8
2
0.5
0.125
0.031
0.008
0.002
no plasmid
control
FhuE
FhuE V38P

FIG. 8