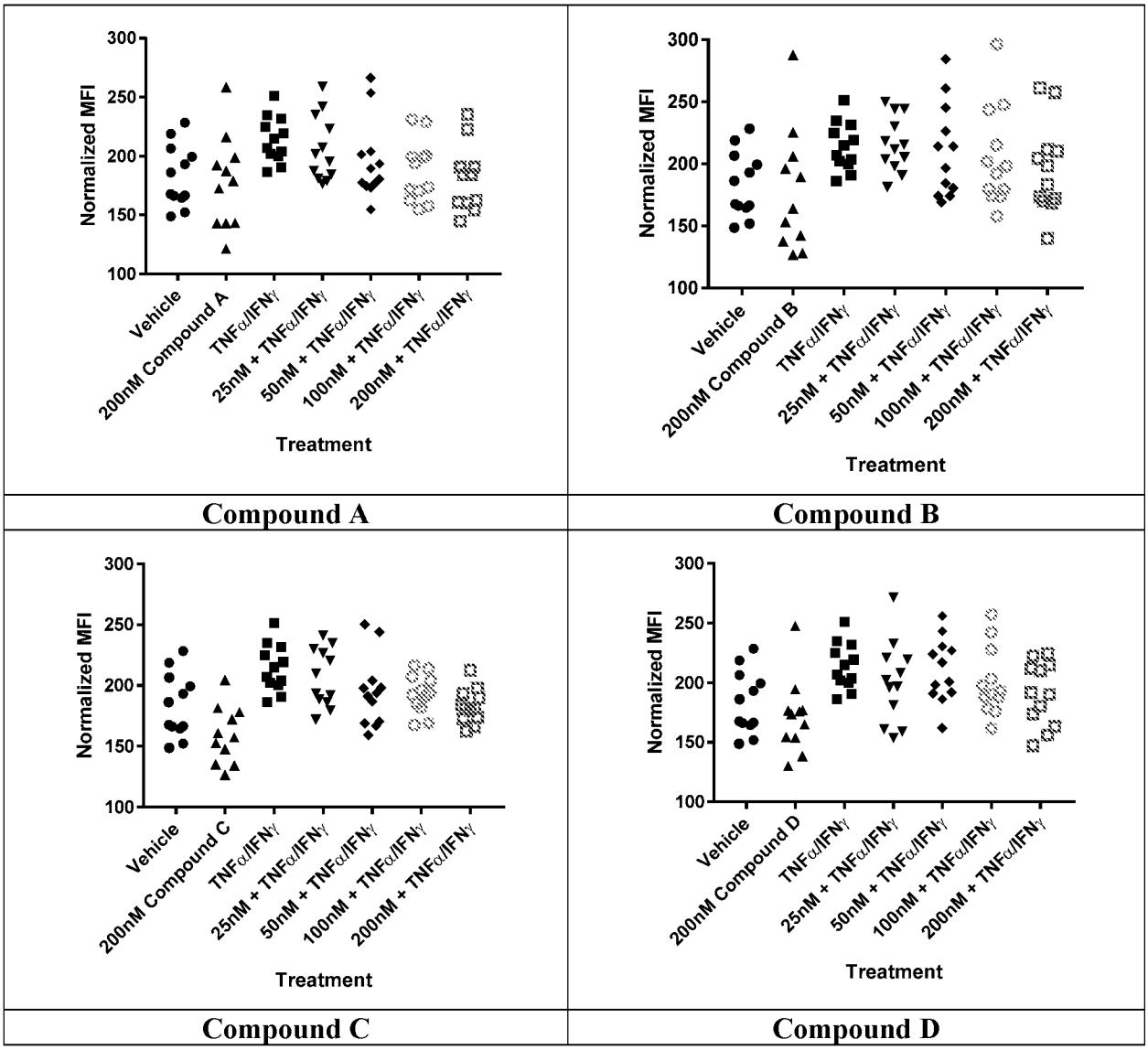

Normalized MFI
300
250
200
150
100
Vehicle
200nM Compound A
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound A
Normalized MFI
300
250
200
150
100
Vehicle
200nM Compound B
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound B
Normalized MFI
300
250
200
150
100
Vehicle
200nM Compound C
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound C
Normalized MFI
300
250
200
150
100
Vehicle
200nM Compound D
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound D

FIG. 1

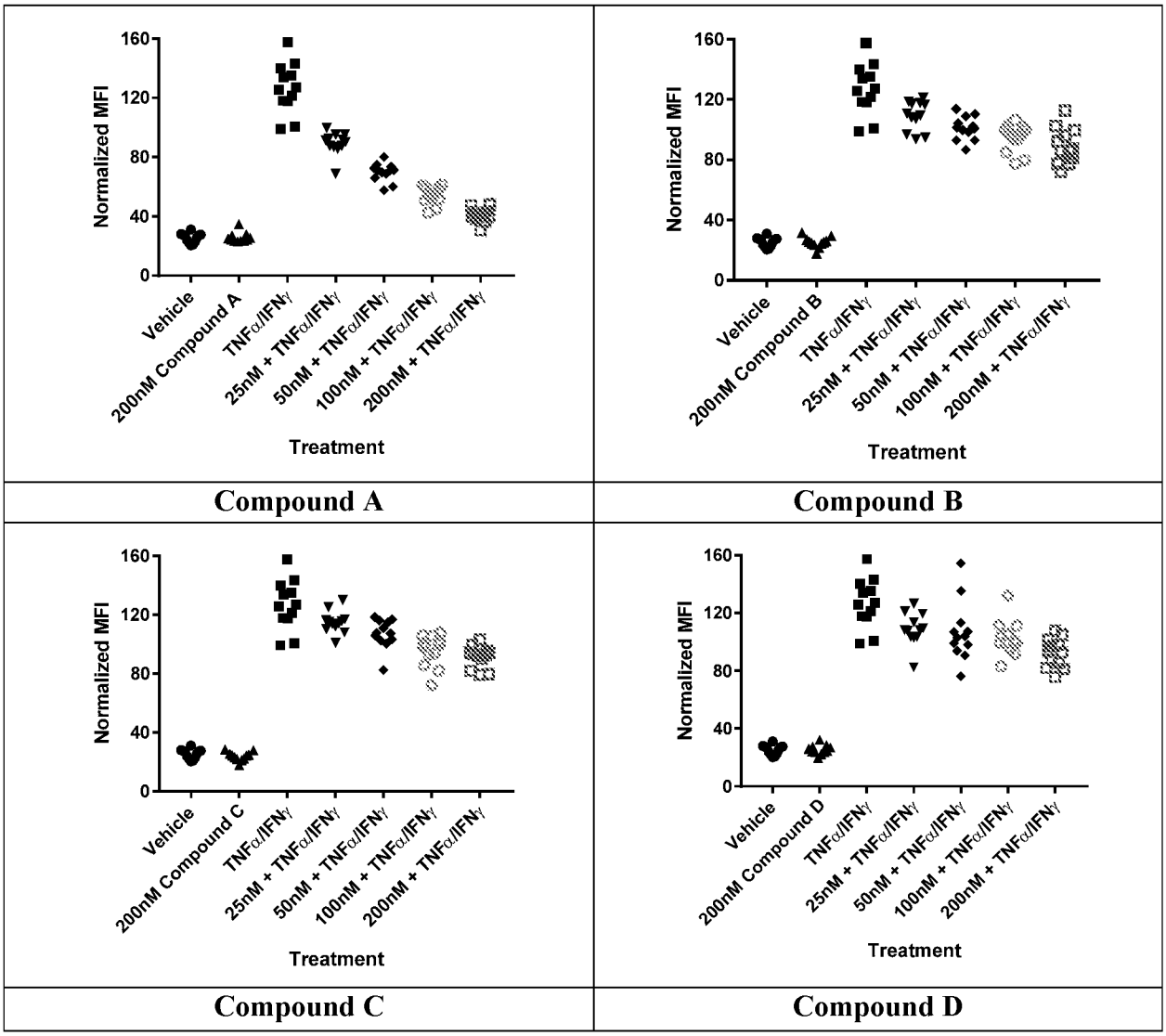

Normalized MFI
160
120
80
40
0
Vehicle
200nM Compound A
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound A
Vehicle
200nM Compound B
Compound B
Vehicle
200nM Compound C
Compound C
Vehicle
200nM Compound D
Compound D

FIG. 2

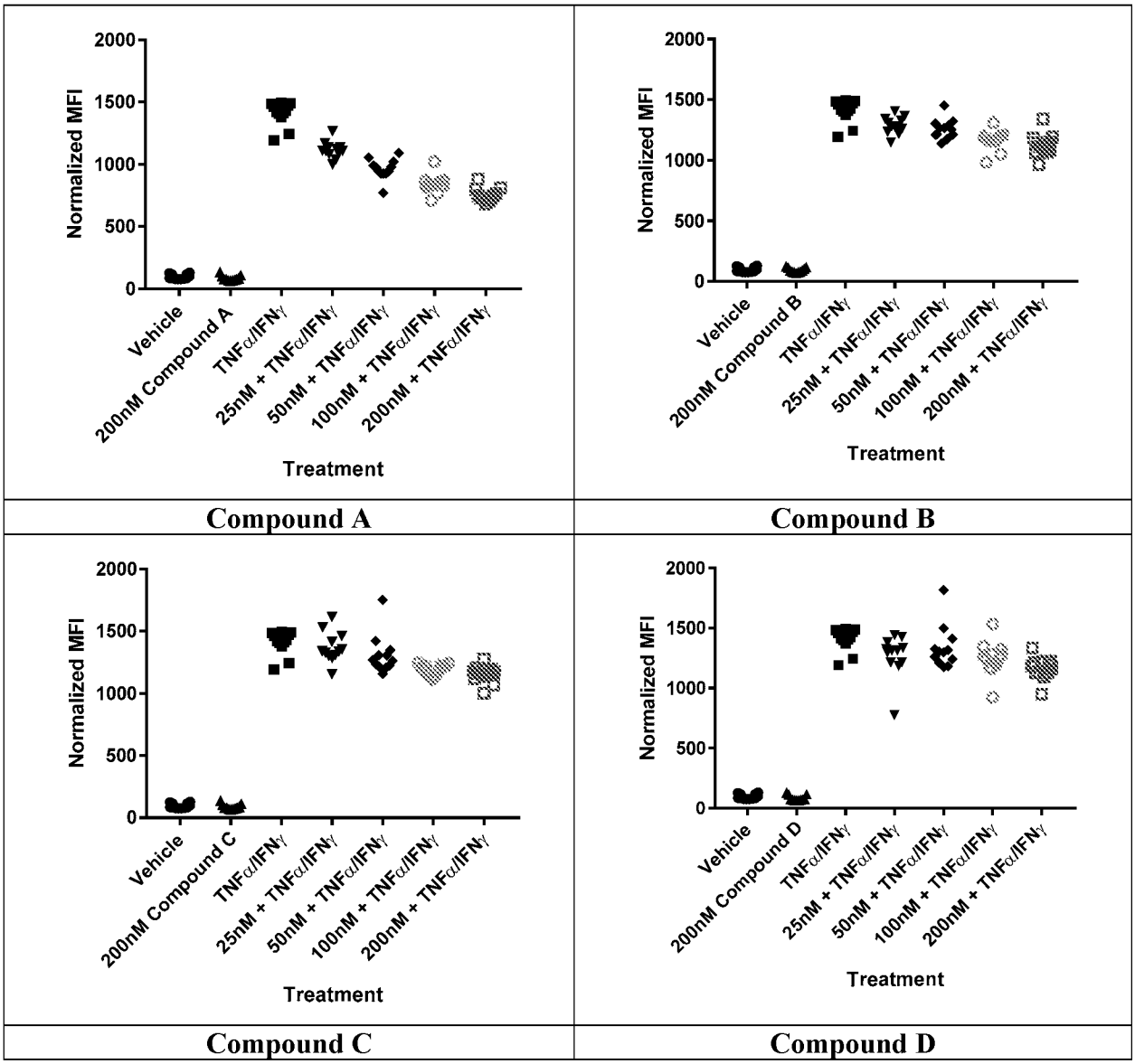

Normalized MFI
2000
1500
1000
500
0
Vehicle
200nM Compound A
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound A
Normalized MFI
2000
1500
1000
500
0
Vehicle
200nM Compound B
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound B
Normalized MFI
2000
1500
1000
500
0
Vehicle
200nM Compound C
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound C
Normalized MFI
2000
1500
1000
500
0
Vehicle
200nM Compound D
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound D

FIG. 3

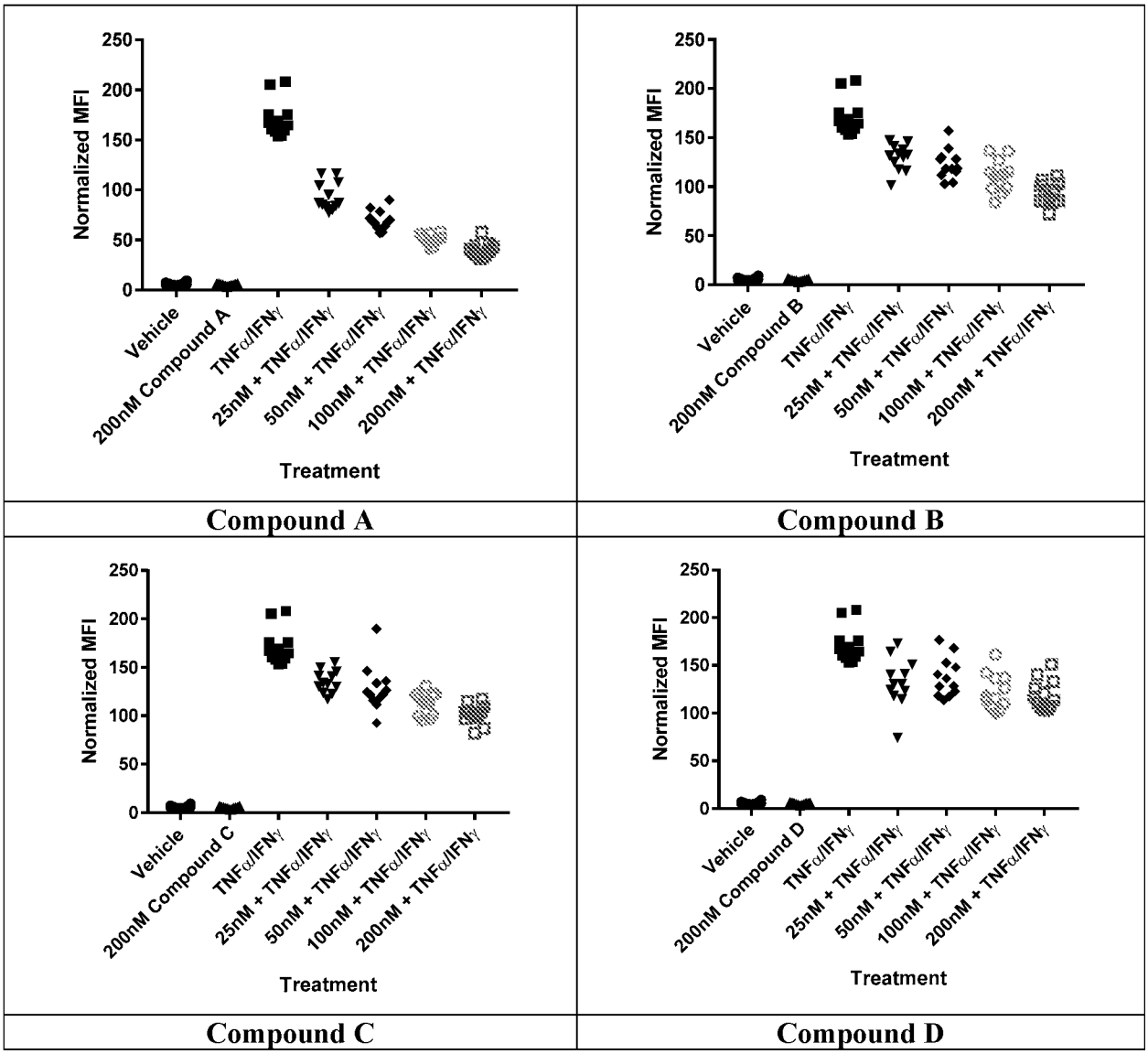

Normalized MFI
250
200
150
100
50
0
Vehicle
200nM Compound A
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound A
Normalized MFI
Vehicle
200nM Compound B
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound B
Normalized MFI
Vehicle
200nM Compound C
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound C
Normalized MFI
Vehicle
200nM Compound D
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound D

FIG. 4

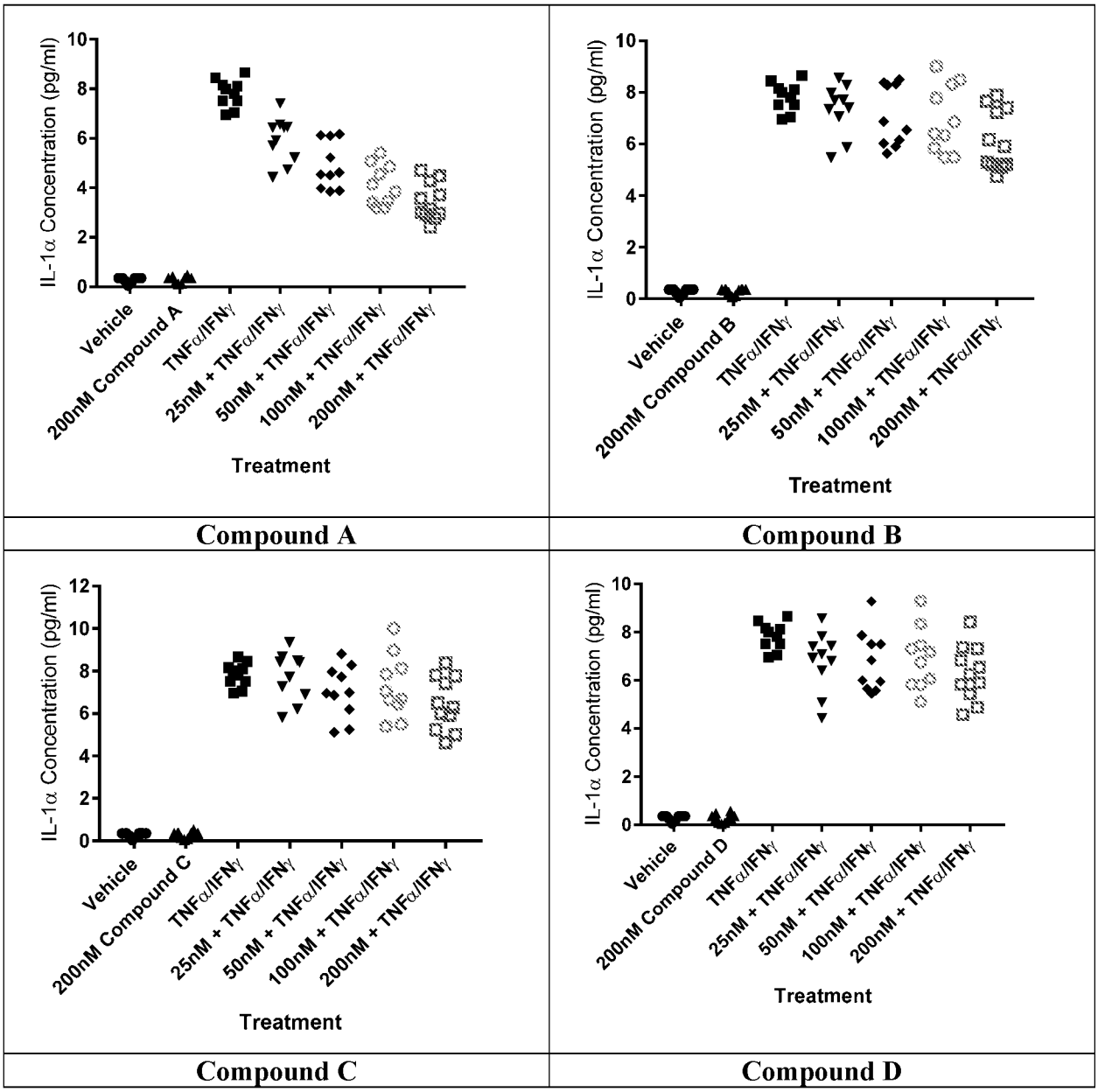

IL-1α Concentration (pg/ml)
Vehicle
200nM Compound A
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound A
IL-1α Concentration (pg/ml)
Vehicle
200nM Compound B
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound B
IL-1α Concentration (pg/ml)
Vehicle
200nM Compound C
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound C
IL-1α Concentration (pg/ml)
Vehicle
200nM Compound D
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound D

FIG. 5

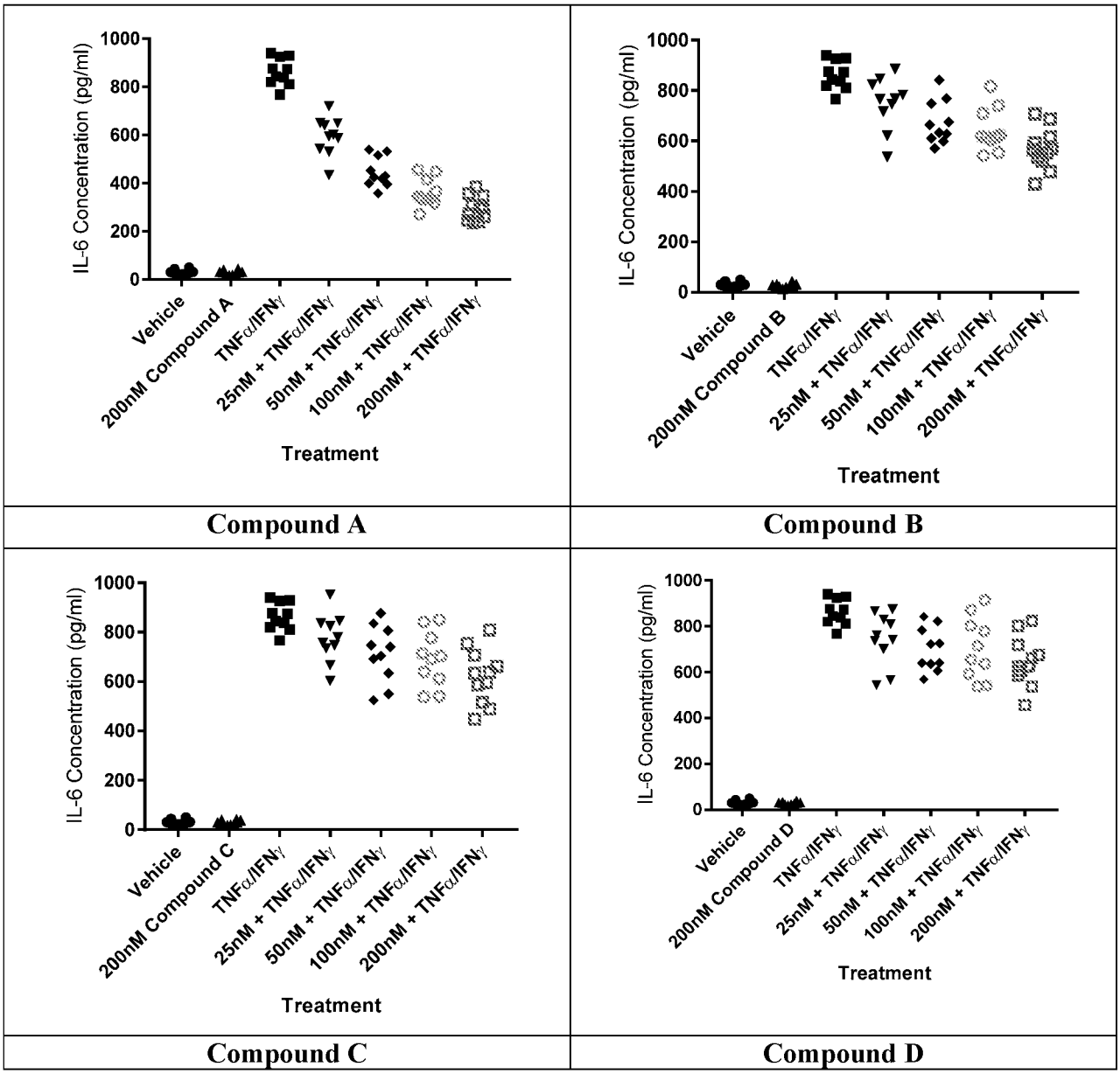

IL-6 Concentration (pg/ml)
1000
800
600
400
200
0
Vehicle
200nM Compound A
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound A
IL-6 Concentration (pg/ml)
Vehicle
200nM Compound B
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound B
IL-6 Concentration (pg/ml)
Vehicle
200nM Compound C
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound C
IL-6 Concentration (pg/ml)
Vehicle
200nM Compound D
TNFα/IFNγ
25nM + TNFα/IFNγ
50nM + TNFα/IFNγ
100nM + TNFα/IFNγ
200nM + TNFα/IFNγ
Treatment
Compound D

FIG. 6

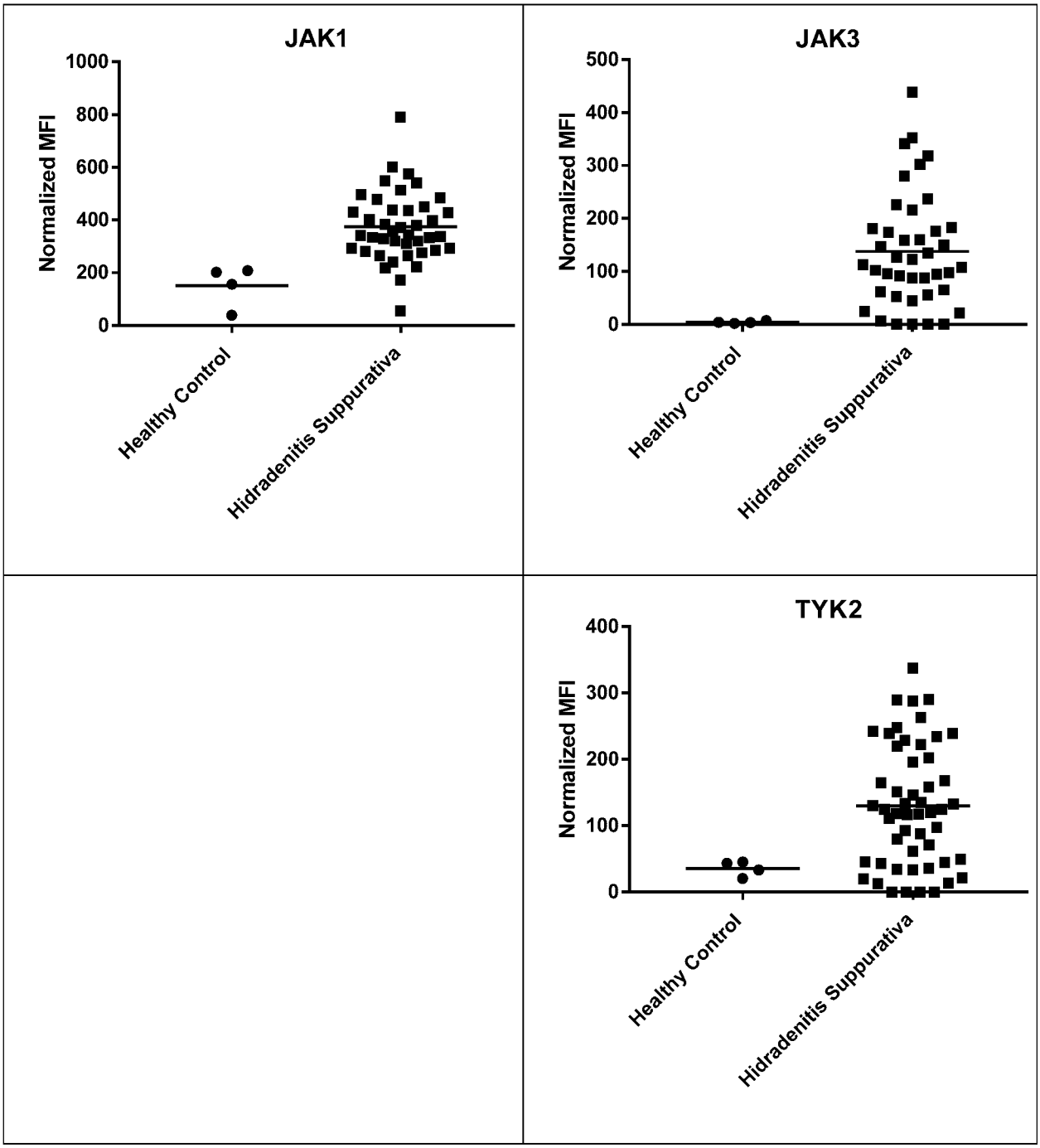

JAK1
Normalized MFI
1000
800
600
400
200
0
Healthy Control
Hidradenitis Suppurativa
JAK3
Normalized MFI
500
400
300
200
100
0
Healthy Control
Hidradenitis Suppurativa
TYK2
Normalized MFI
400
300
200
100
0
Healthy Control
Hidradenitis Suppurativa

FIG. 7

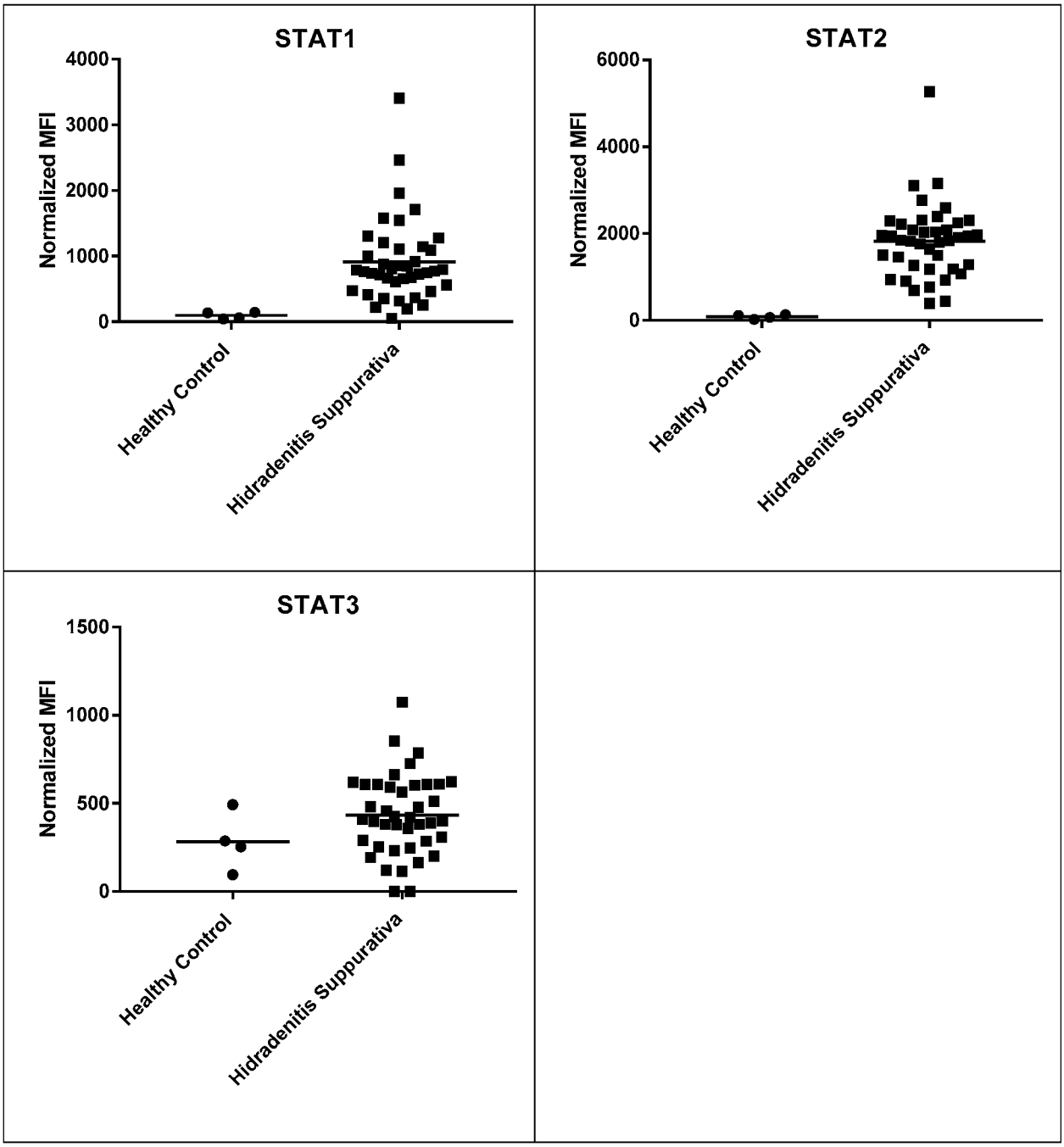

STAT1
Normalized MFI
4000
3000
2000
1000
0
Healthy Control
Hidradenitis Suppurativa
STAT2
Normalized MFI
6000
4000
2000
0
Healthy Control
Hidradenitis Suppurativa
STAT3
Normalized MFI
1500
1000
500
0
Healthy Control
Hidradenitis Suppurativa

FIG. 8

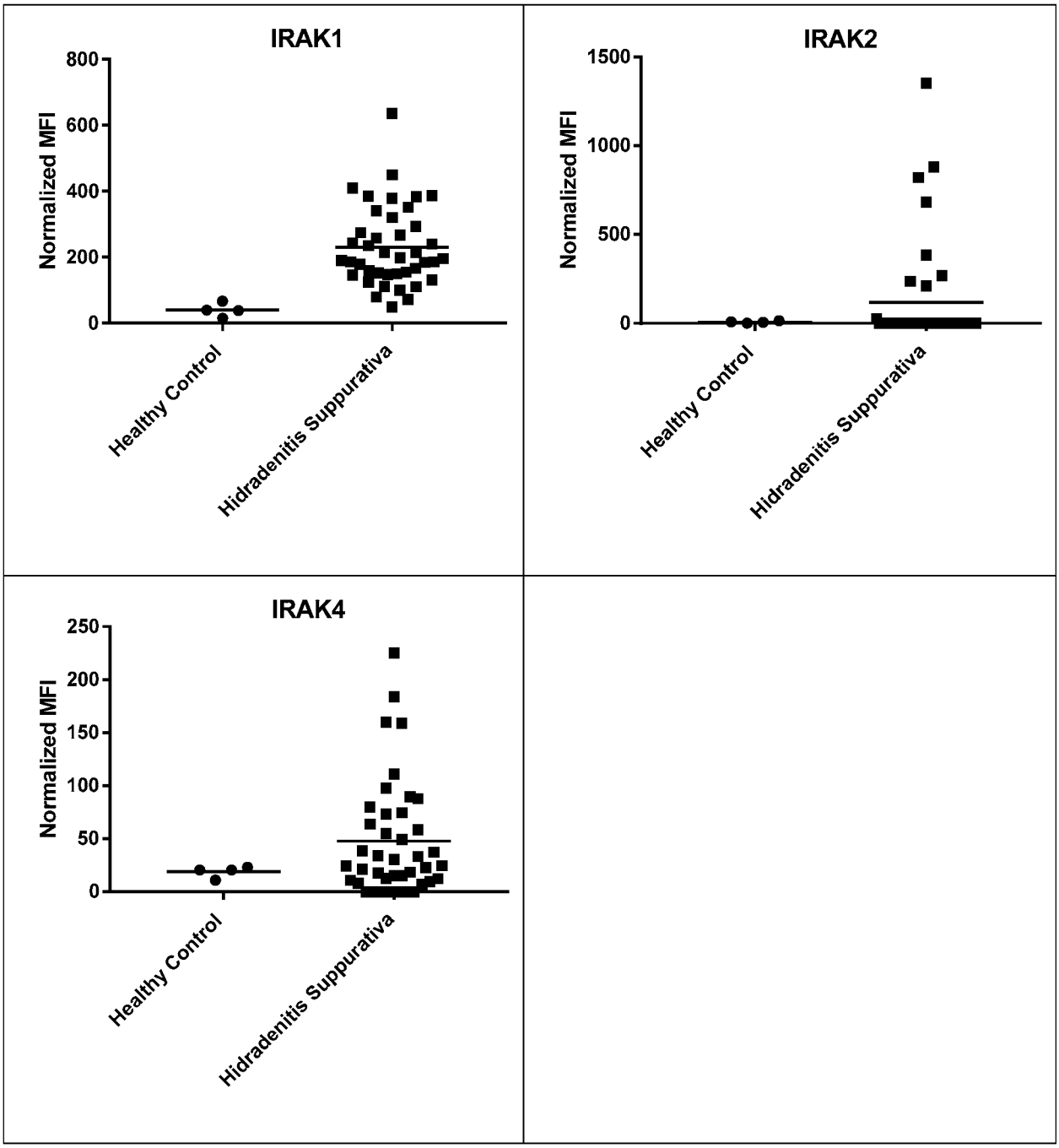

IRAK1
Normalized MFI
800
600
400
200
0
Healthy Control
Hidradenitis Suppurativa
IRAK2
Normalized MFI
1500
1000
500
0
Healthy Control
Hidradenitis Suppurativa
IRAK4
Normalized MFI
250
200
150
100
50
0
Healthy Control
Hidradenitis Suppurativa

FIG. 9