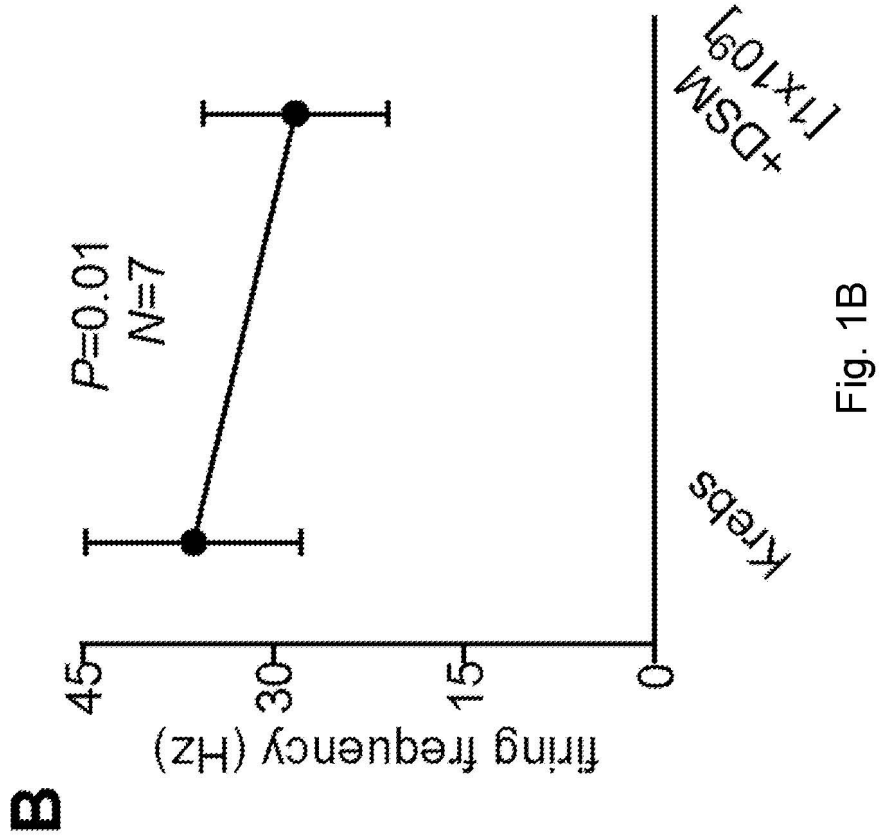

B
firing frequency (Hz)
45
30
15
0
Krebs
+DSM [1x10⁹]
P=0.01
N=7

Fig. 1B

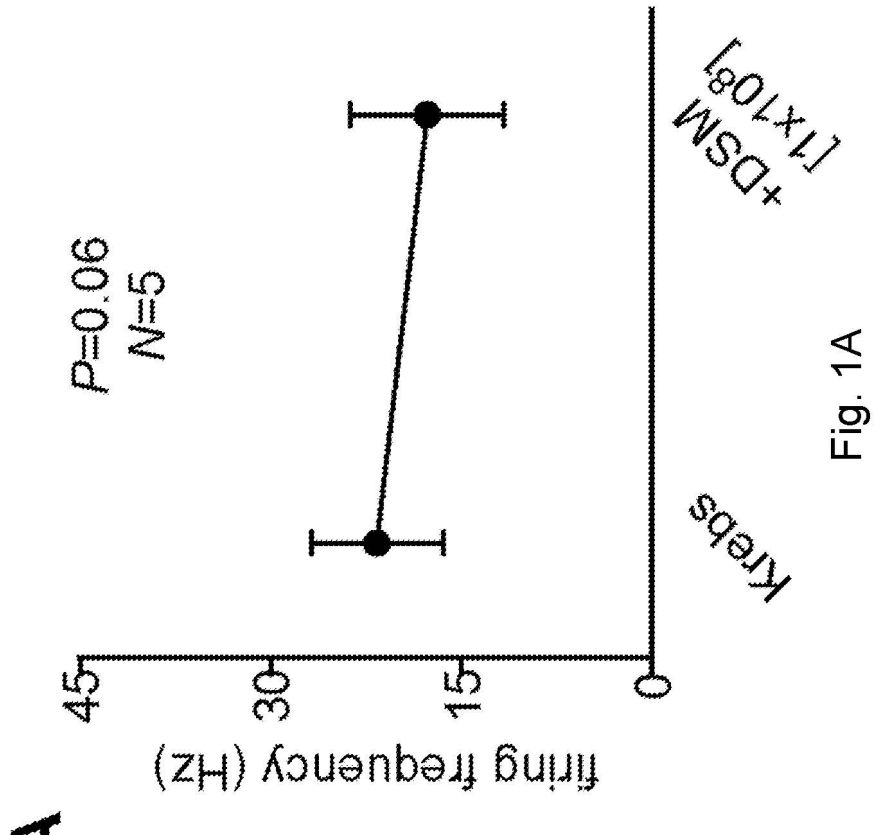

A
firing frequency (Hz)
45
30
15
0
Krebs
+DSM [1x10⁸]
P=0.06
N=5

Fig. 1A

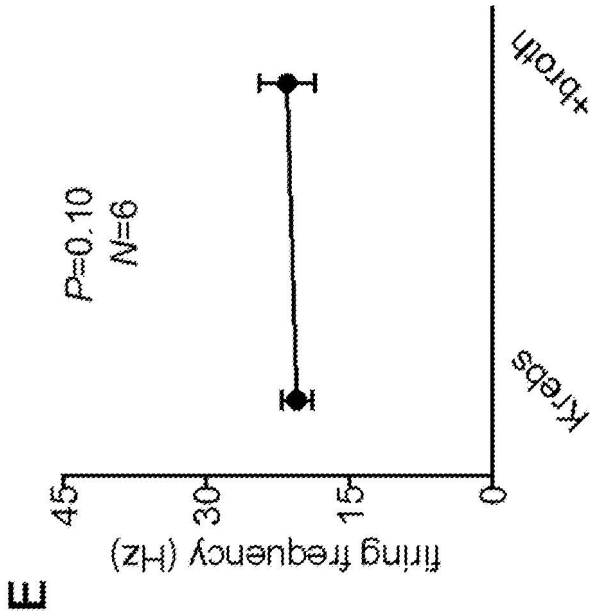


Fig. 1E

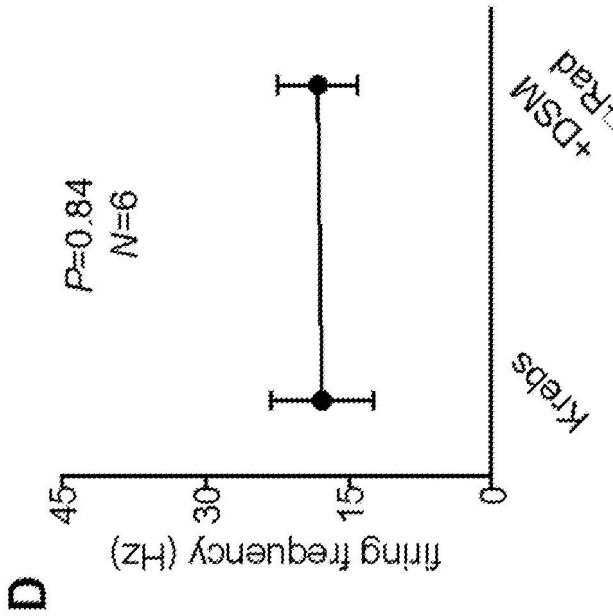


Fig. 1D

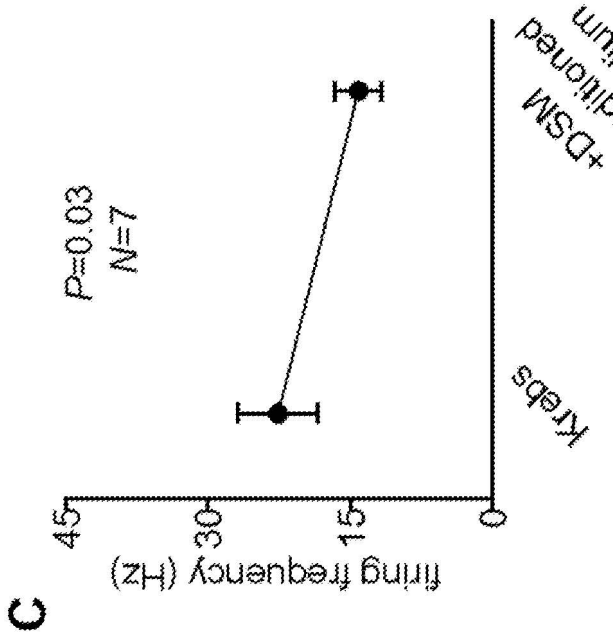


Fig. 1C

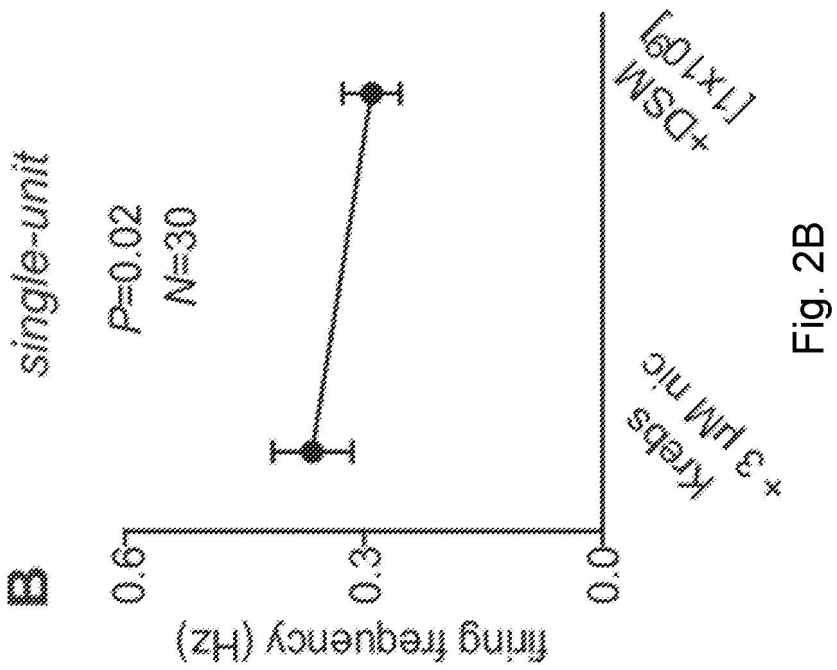

B
single-unit
P=0.02
N=30
firing frequency (Hz)
0.6
0.3
0.0
Krebs
+ 3 μM nic
+DSM
[1x10⁹]

Fig. 2B

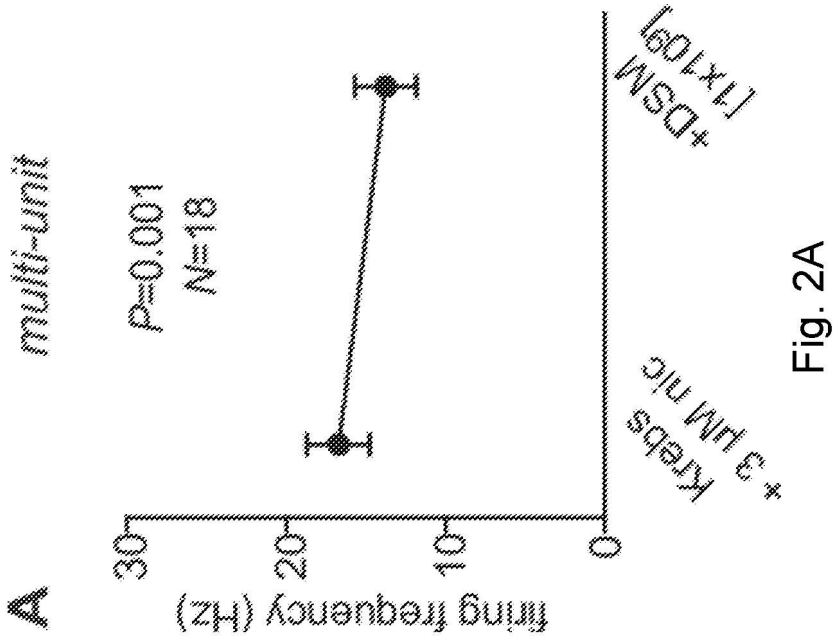

A
multi-unit
P=0.001
N=18
firing frequency (Hz)
30
20
10
0
Krebs
+ 3 μM nic
+DSM
[1x10⁹]

Fig. 2A

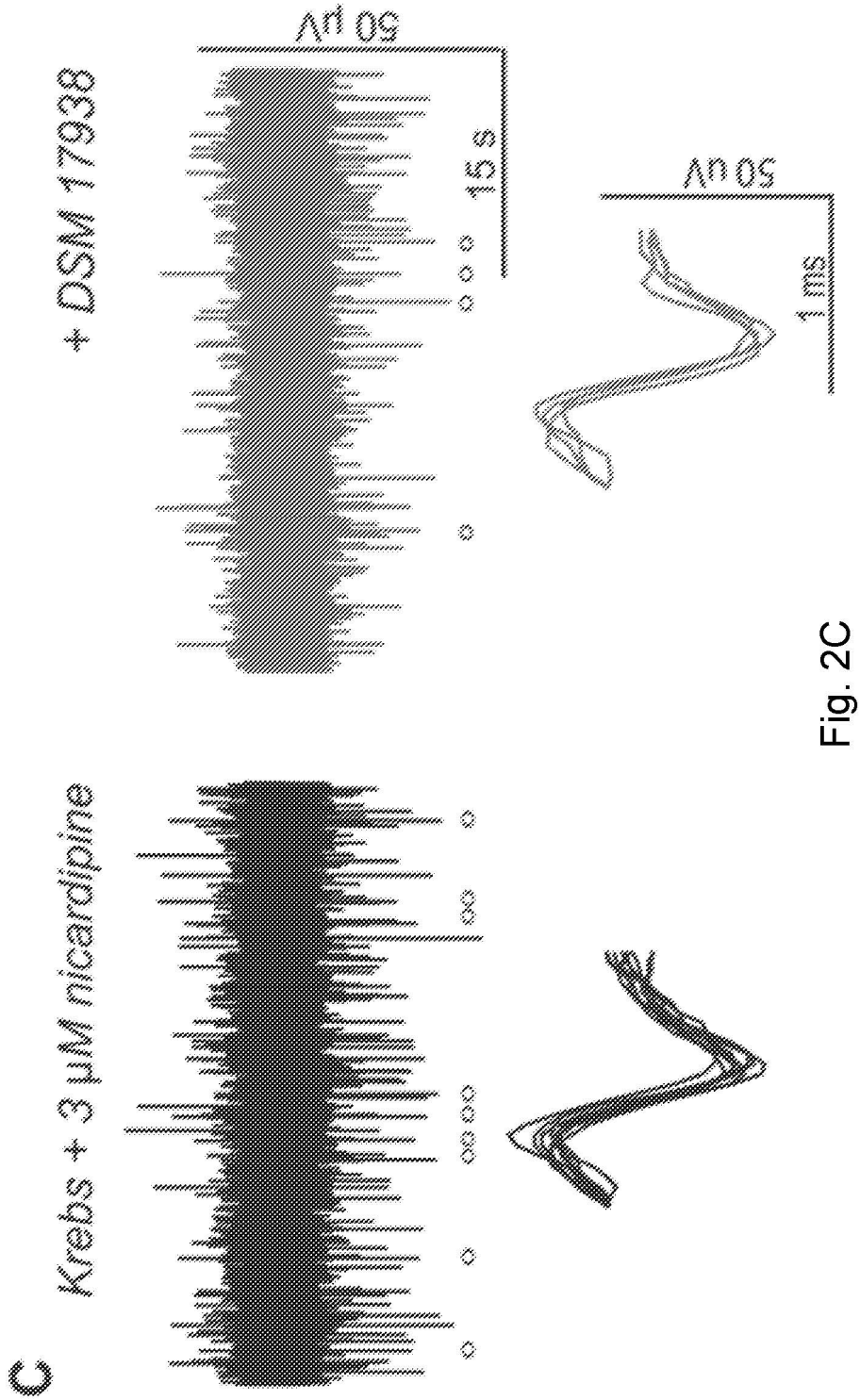


Fig. 2C

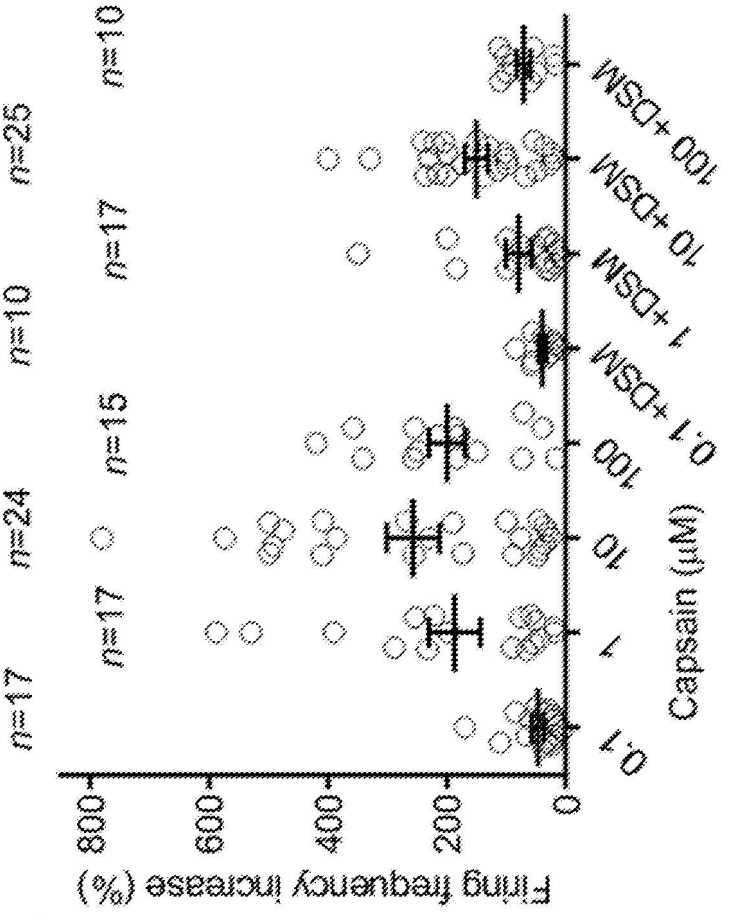

B
Firing frequency increase (%)
800
600
400
200
0
n=17
n=17
n=24
n=15
n=10
n=17
n=25
n=10
0.1
1
10
100
0.1 +DSM
1 +DSM
10 +DSM
100 +DSM
Capsain (μM)

Fig. 3B

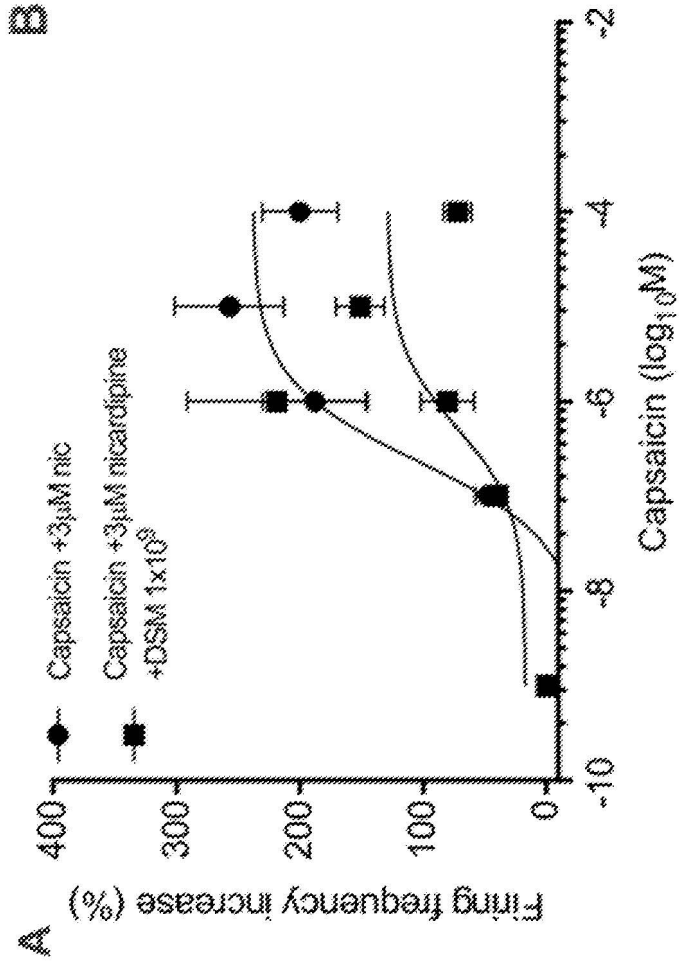

A
Firing frequency increase (%)
400
300
200
100
0
Capsaicin +3μM nic
Capsaicin +3μM nicardipine +DSM 1x10-9
-10
-8
-6
-4
-2
Capsaicin (log10M)

Fig. 3A

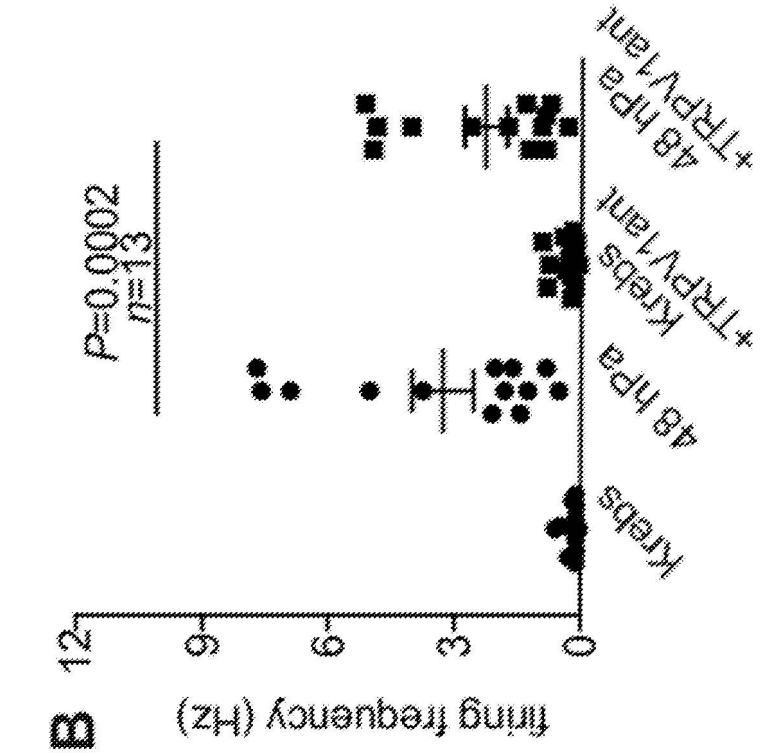

B
firing frequency (Hz)
12
9
6
3
0
P=0.0002
n=13
Krebs
48 hPa
Krebs
+TRPV1am
48 hPa
+TRPV1am

Fig. 4B

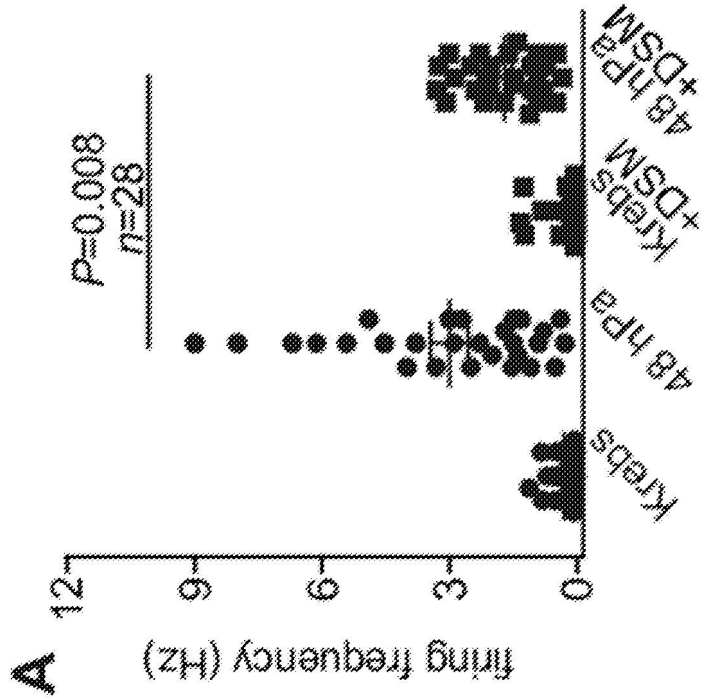

A
firing frequency (Hz)
12
9
6
3
0
P=0.008
n=28
Krebs
48 hPa
Krebs
+DSM
48 hPa
+DSM

Fig. 4A

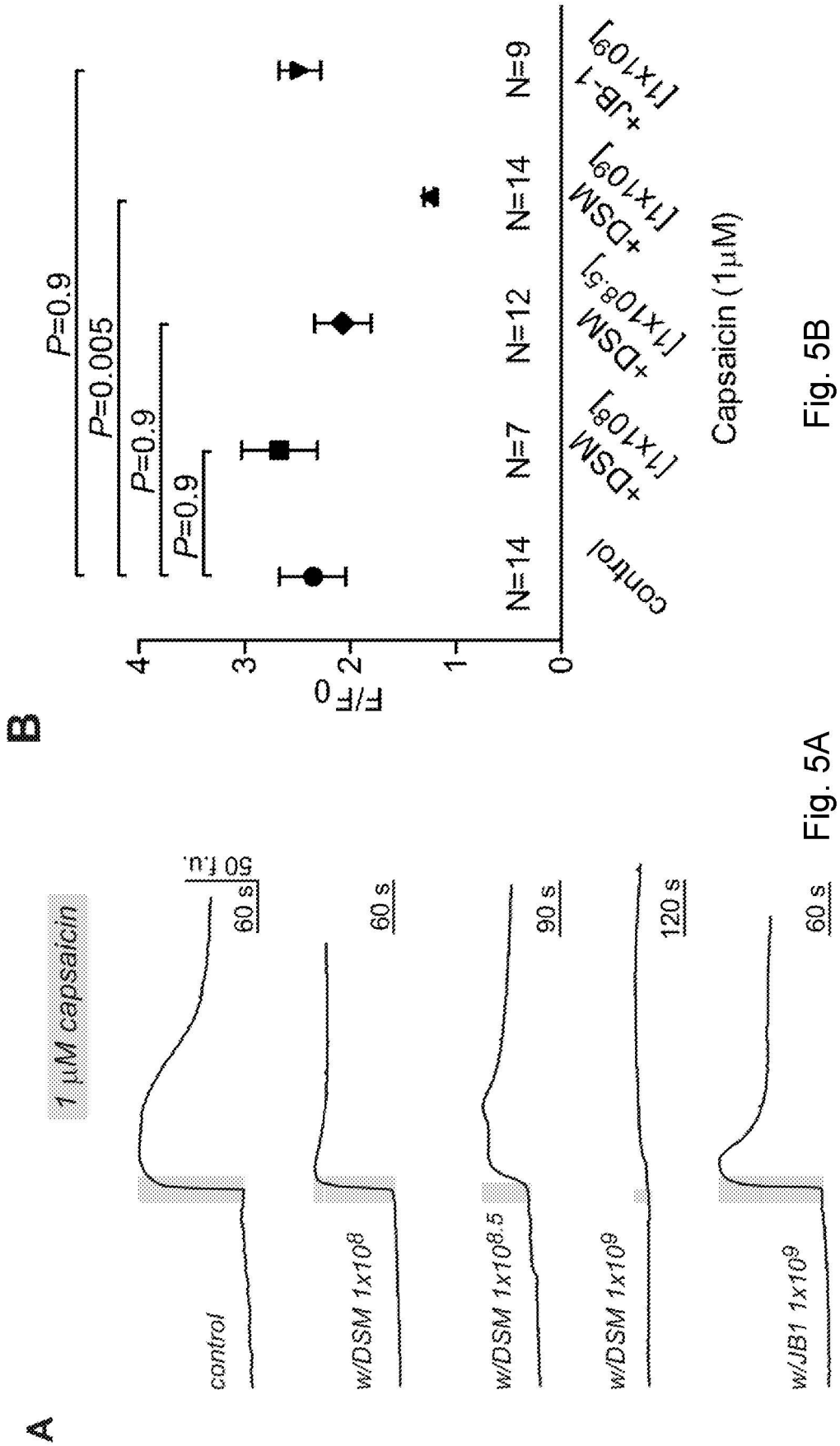

A
1 μM capsaicin
50 f.u.
60 s
control
60 s
w/DSM 1x10^8
90 s
w/DSM 1x10^8.5
120 s
w/DSM 1x10^9
60 s
w/JB1 1x10^9
B
P=0.9
P=0.005
P=0.9
P=0.9
F/F0
4
3
2
1
0
N=14
N=7
N=12
N=14
N=9
control
+DSM [1x10^8]
+DSM [1x10^8.5]
+DSM [1x10^9]
+JB-1 [1x10^9]
Capsaicin (1μM)

Fig. 5A

Fig. 5B

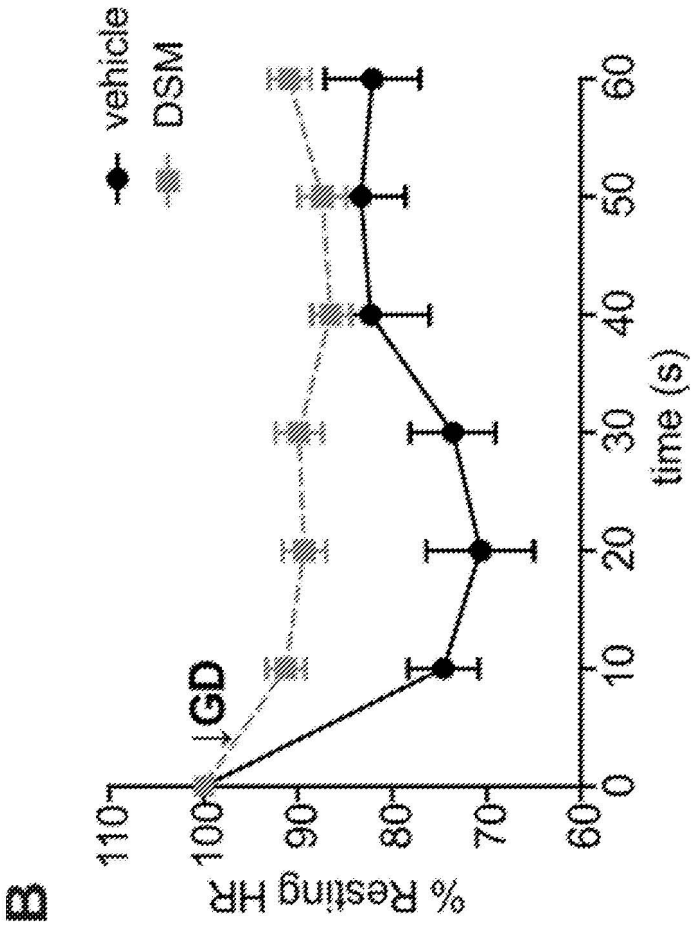

B
vehicle
DSM
GD
% Resting HR
time (s)
110
100
90
80
70
60
0
10
20
30
40
50
60

Fig. 6B

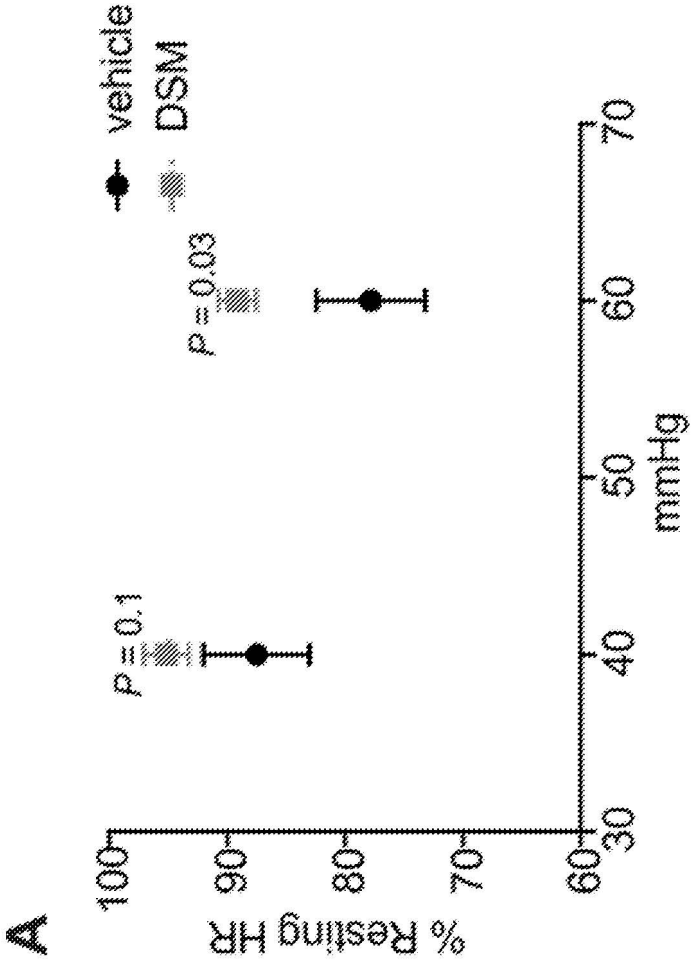

A
vehicle
DSM
P = 0.1
P = 0.03
% Resting HR
mmHg
100
90
80
70
60
30
40
50
60
70

Fig. 6A

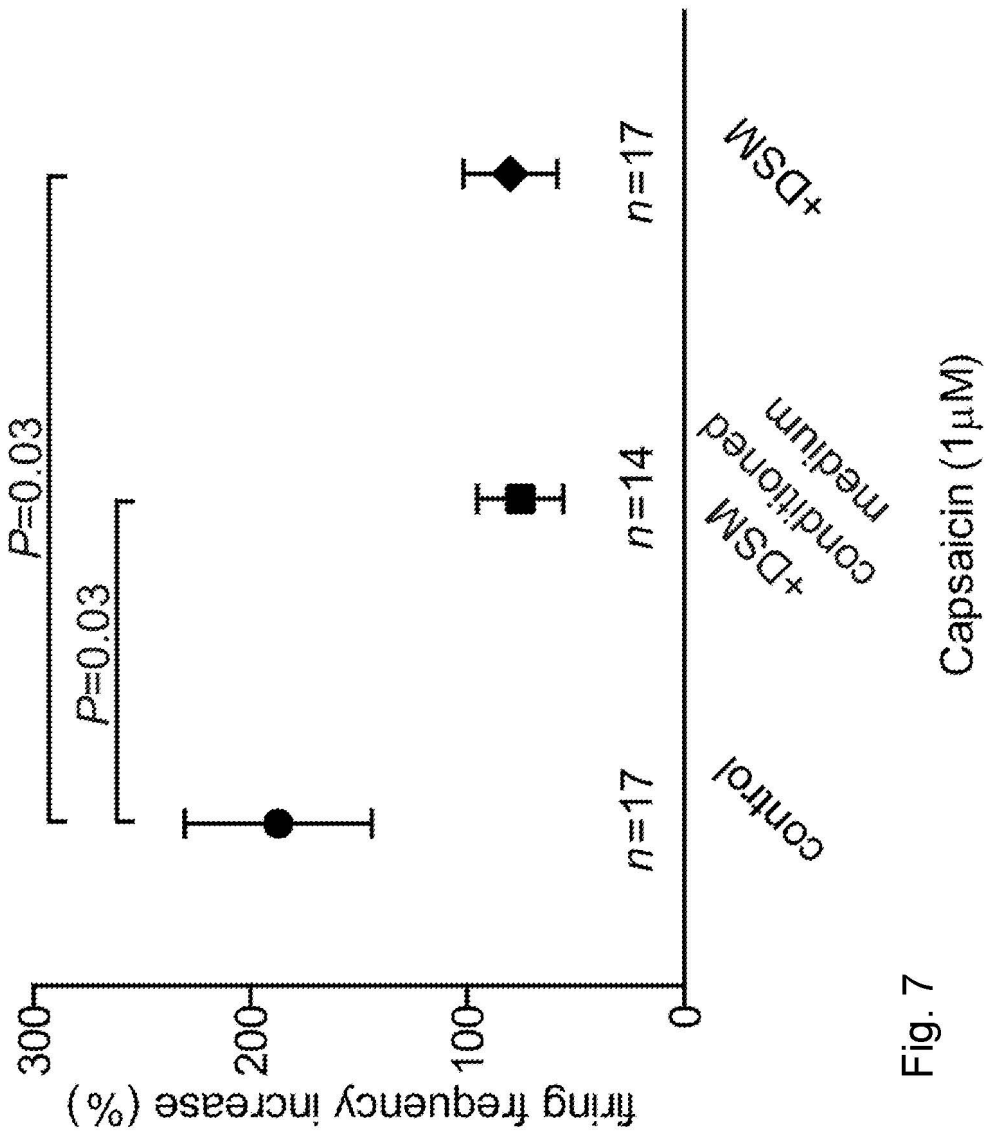

firing frequency increase (%)
300
200
100
0
P=0.03
P=0.03
n=17
n=14
n=17
control
+DSM conditioned medium
+DSM
Capsaicin (1μM)

Fig. 7