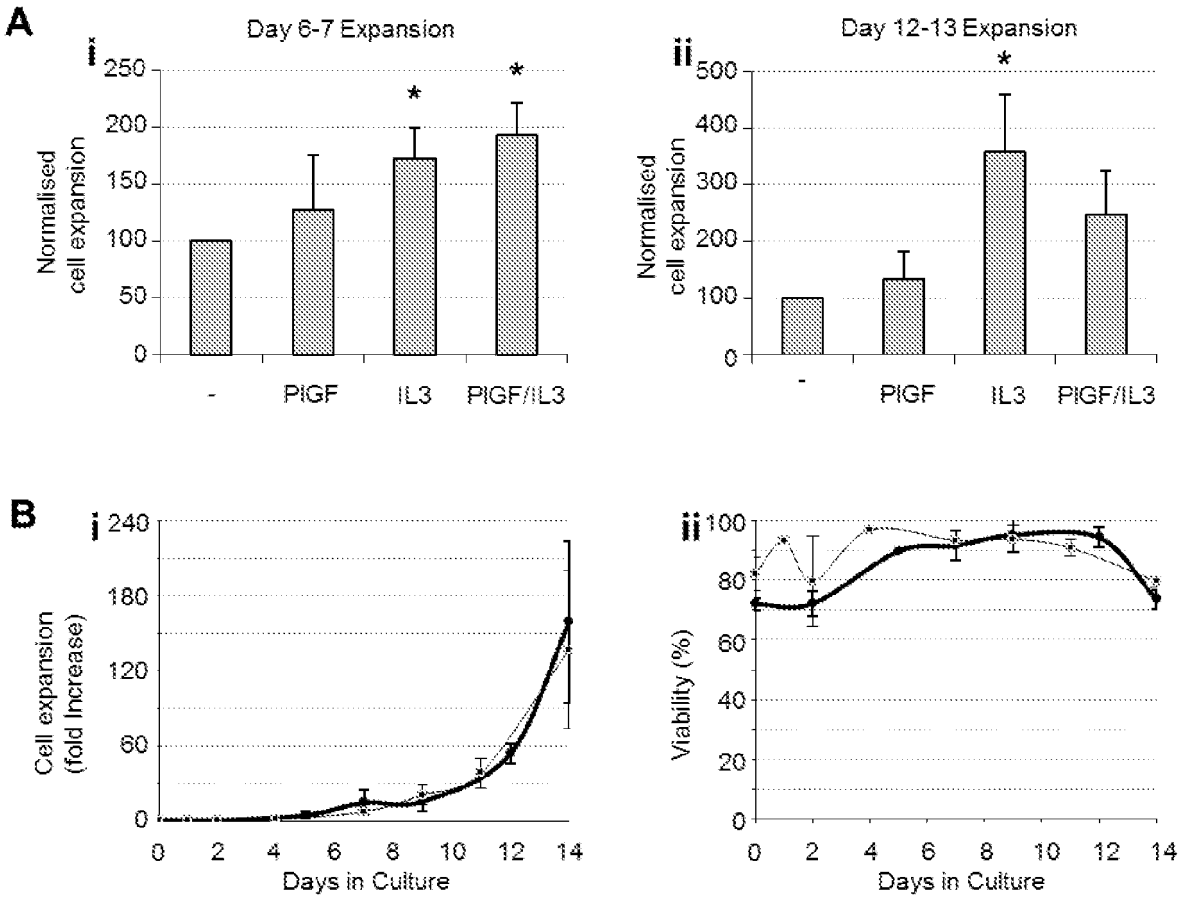

A
i
Day 6-7 Expansion
Normalised cell expansion
250
200
150
100
50
0
*
*
-
PIGF
IL3
PIGF/IL3
ii
Day 12-13 Expansion
Normalised cell expansion
500
400
300
200
100
0
*
-
PIGF
IL3
PIGF/IL3
B
i
Cell expansion (fold Increase)
240
180
120
60
0
0 2 4 6 8 10 12 14
Days in Culture
ii
Viability (%)
100
80
60
40
20
0
0 2 4 6 8 10 12 14
Days in Culture

FIGURE 1

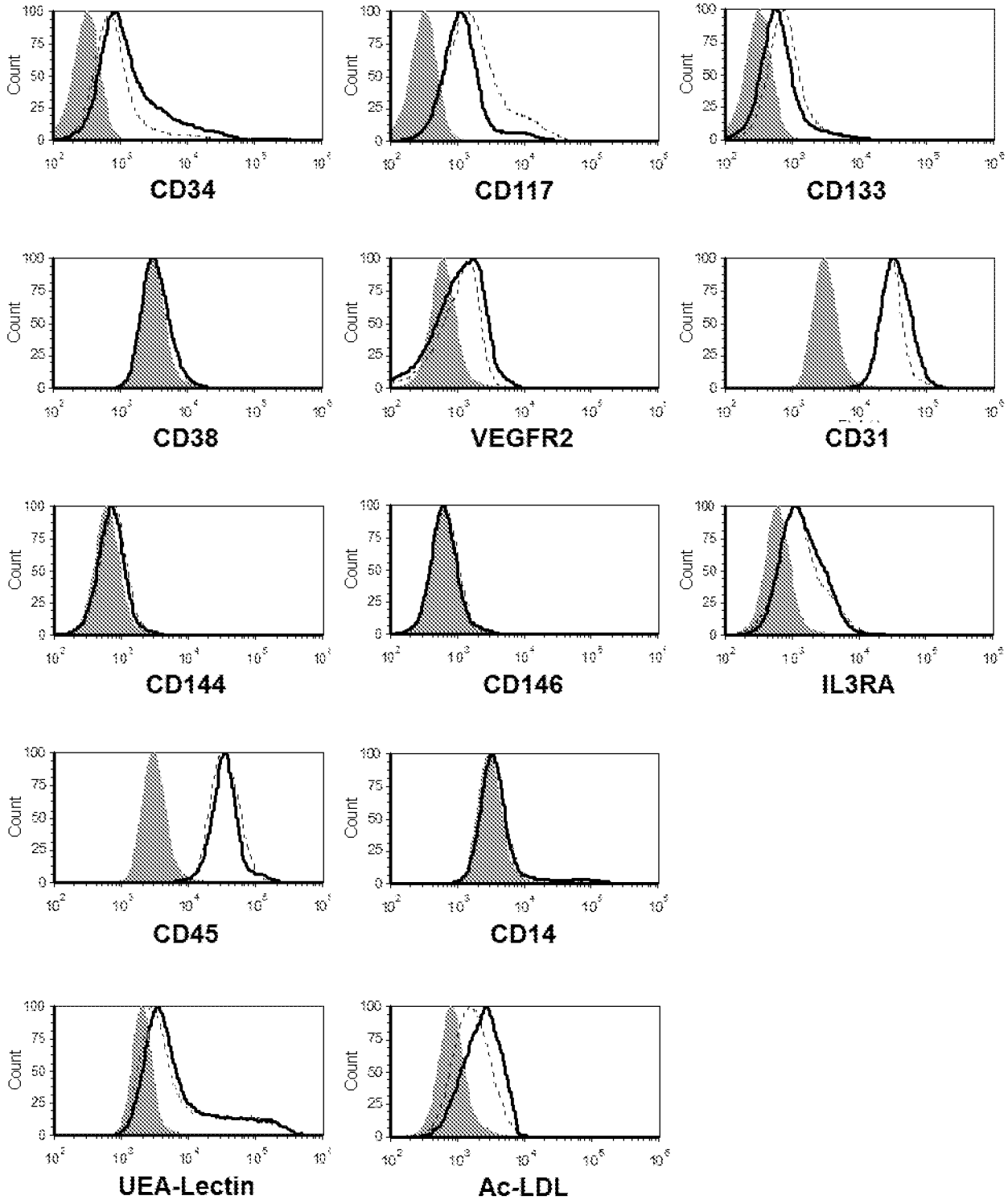

Count
CD34
CD117
CD133
CD38
VEGFR2
CD31
CD144
CD146
IL3RA
CD45
CD14
UEA-Lectin
Ac-LDL

FIGURE 2

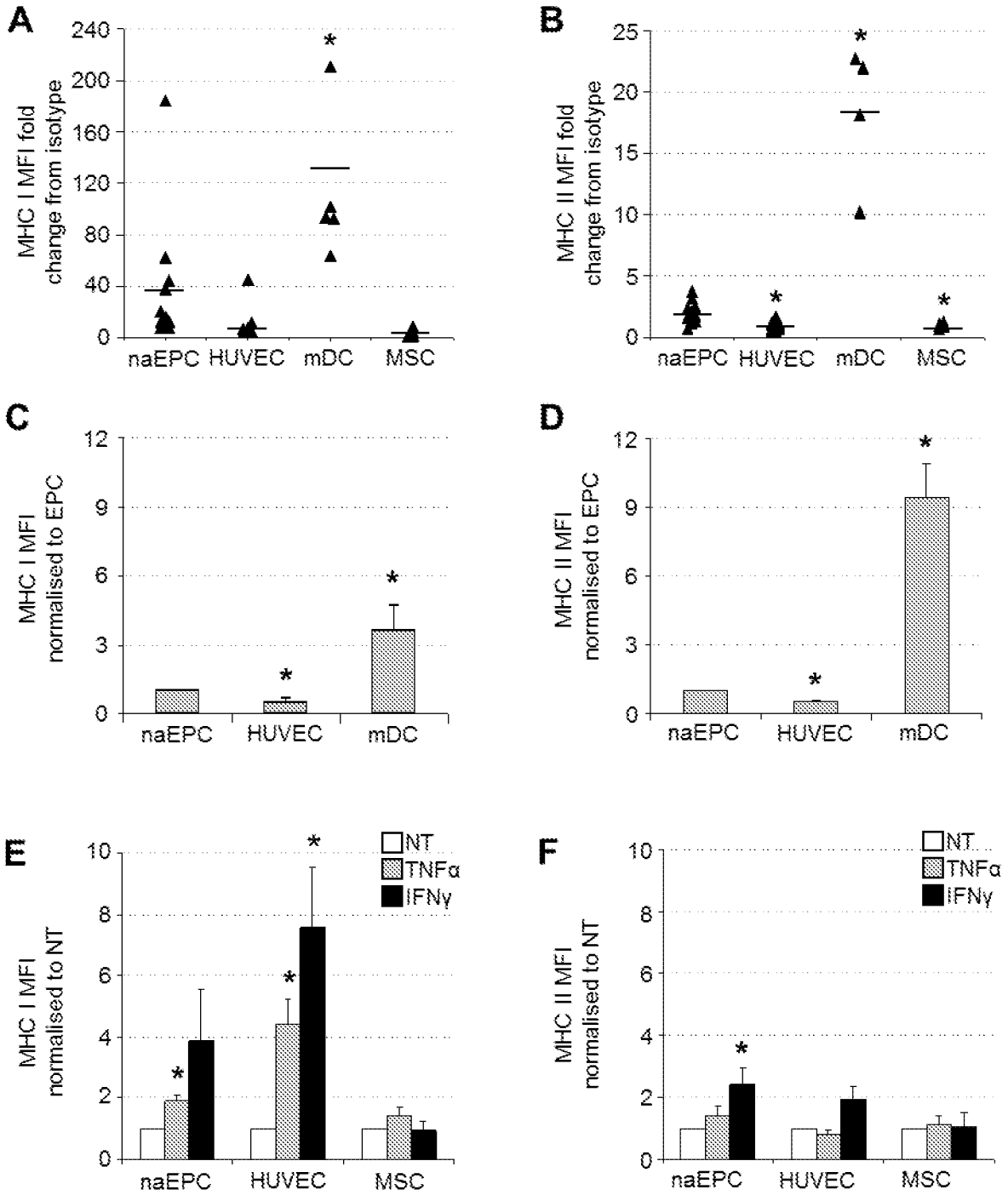

A
MHC I MFI fold change from isotype
240
200
160
120
80
40
0
naEPC HUVEC mDC MSC
B
MHC II MFI fold change from isotype
25
20
15
10
5
0
naEPC HUVEC mDC MSC
C
MHC I MFI normalised to EPC
12
9
6
3
0
naEPC HUVEC mDC
D
MHC II MFI normalised to EPC
12
9
6
3
0
naEPC HUVEC mDC
E
MHC I MFI normalised to NT
NT
TNFα
IFNγ
10
8
6
4
2
0
naEPC HUVEC MSC
F
MHC II MFI normalised to NT
NT
TNFα
IFNγ
10
8
6
4
2
0
naEPC HUVEC MSC

FIGURE 3

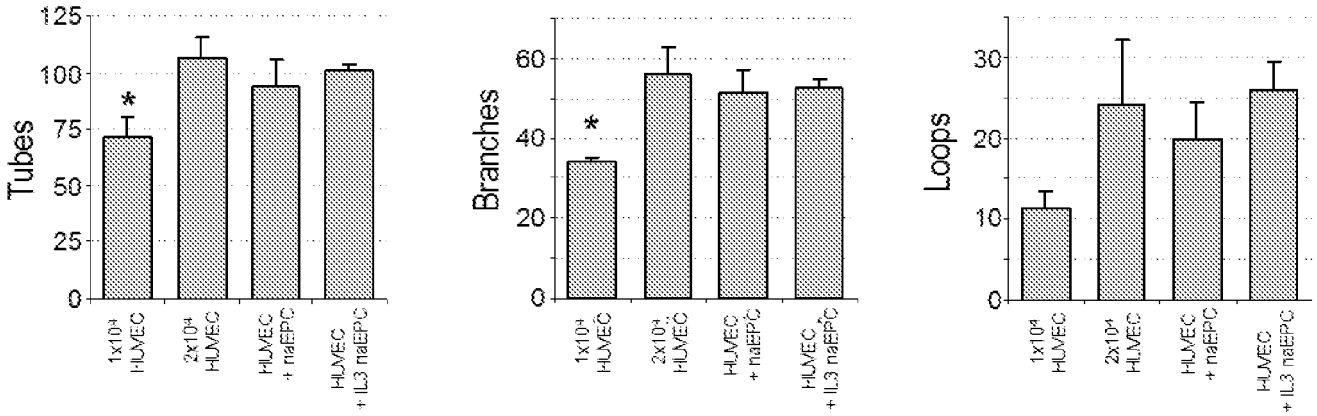

Tubes
125
100
75
50
25
0
*
Branches
60
40
20
0
*
Loops
30
20
10
0
1x10⁴ HUVEC
2x10⁴ HUVEC
HUVEC + naEPC
HUVEC + IL3 naEPC

FIGURE 4

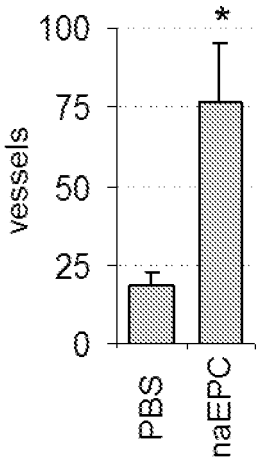


FIGURE 5

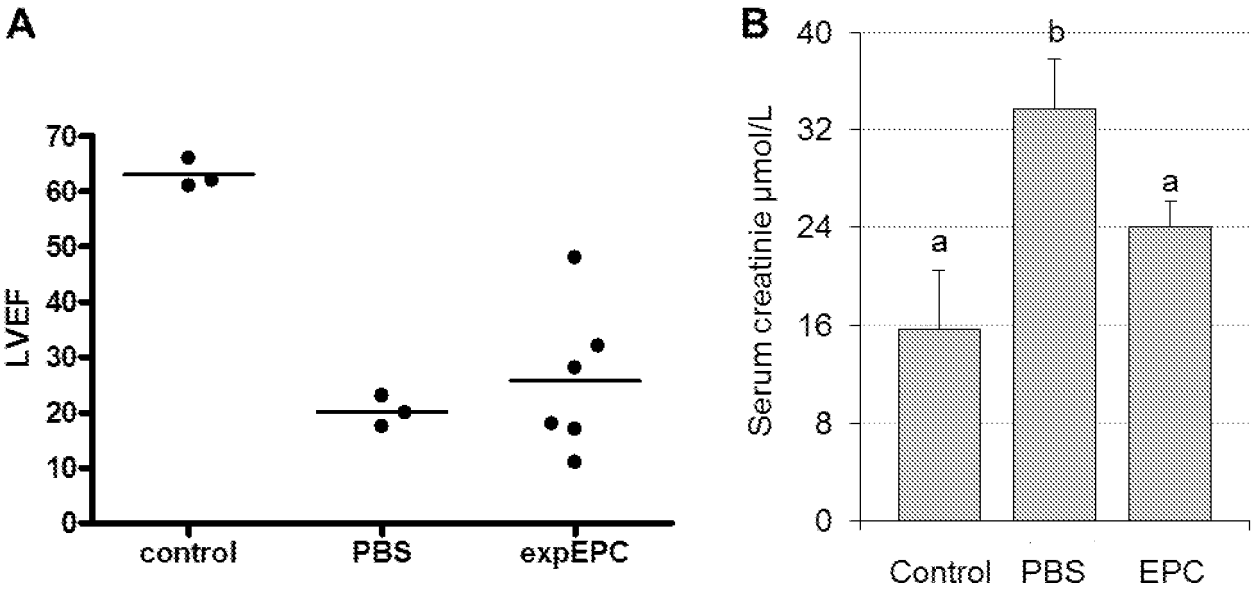

A
LVEF
70
60
50
40
30
20
10
0
control
PBS
expEPC
B
Serum creatinie µmol/L
40
32
24
16
8
0
a
b
a
Control
PBS
EPC

FIGURE 6

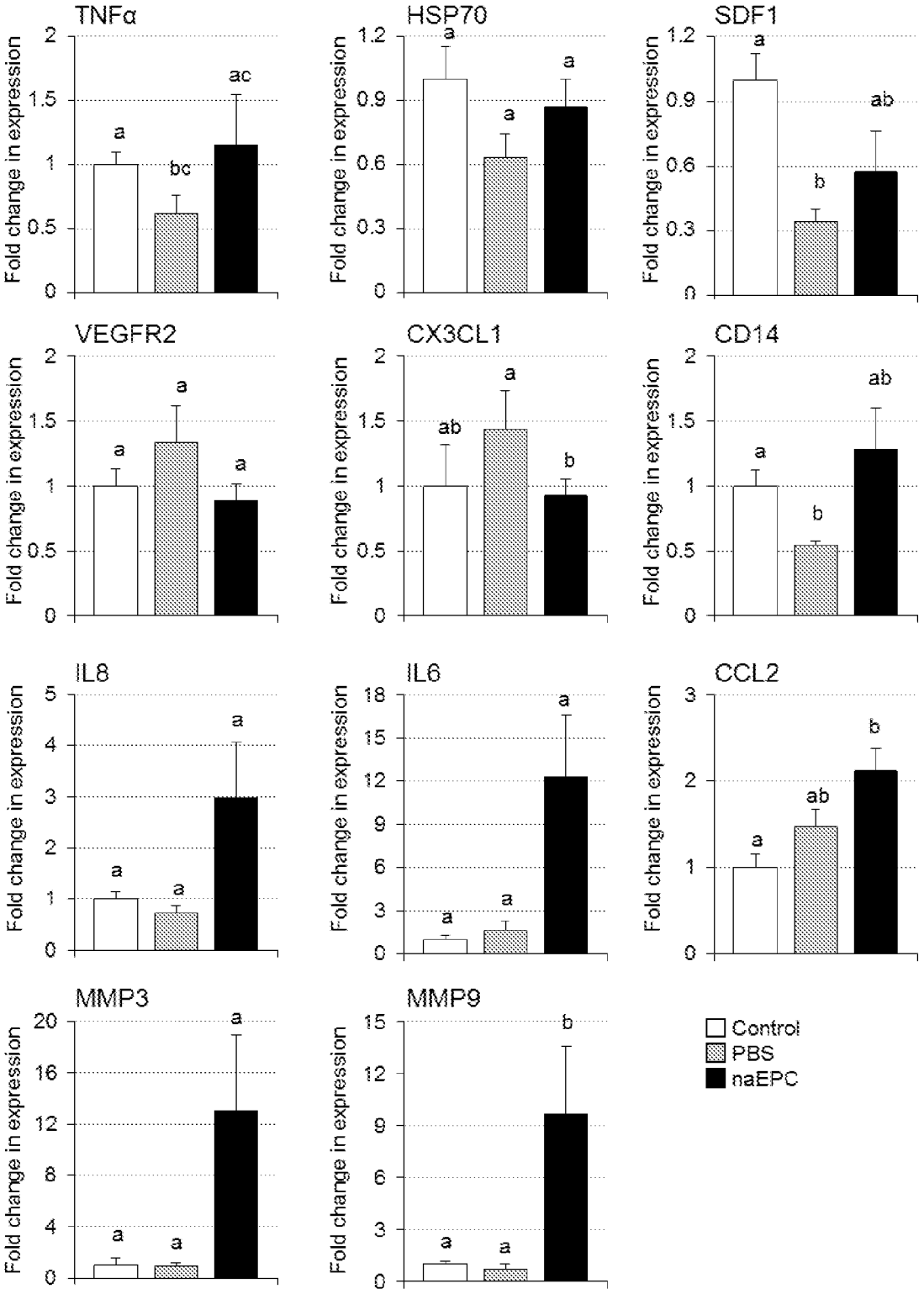

TNFα
HSP70
SDF1
VEGFR2
CX3CL1
CD14
IL8
IL6
CCL2
MMP3
MMP9
Fold change in expression
Control
PBS
naEPC

FIGURE 7