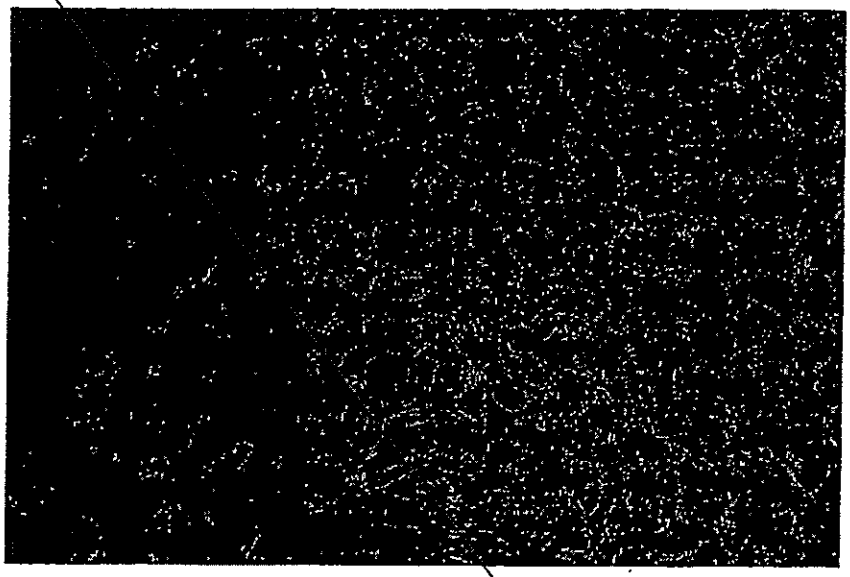


FIG. 1A

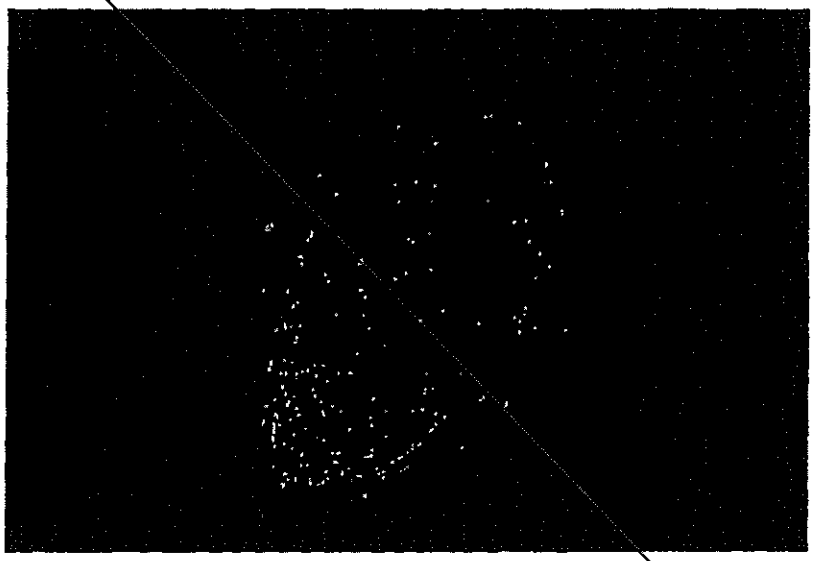


FIG. 1B



FIG. 1C



FIG. 1D



FIG. 1E

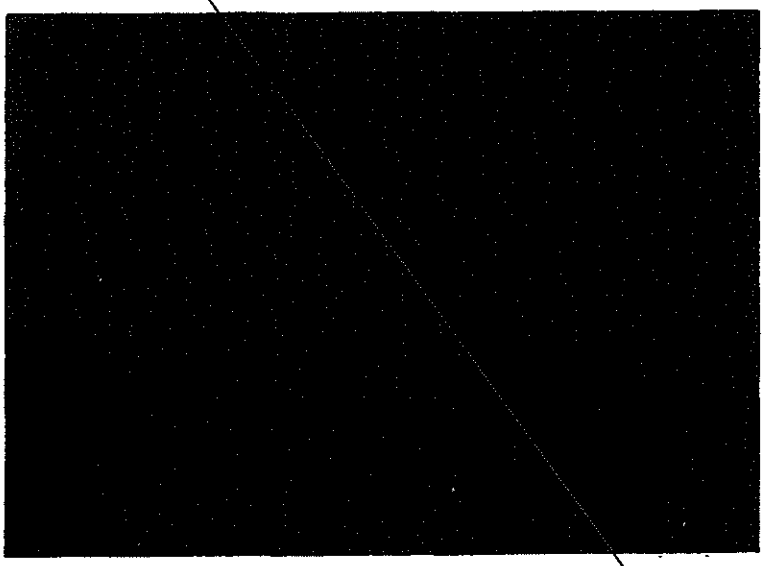


FIG. 1F

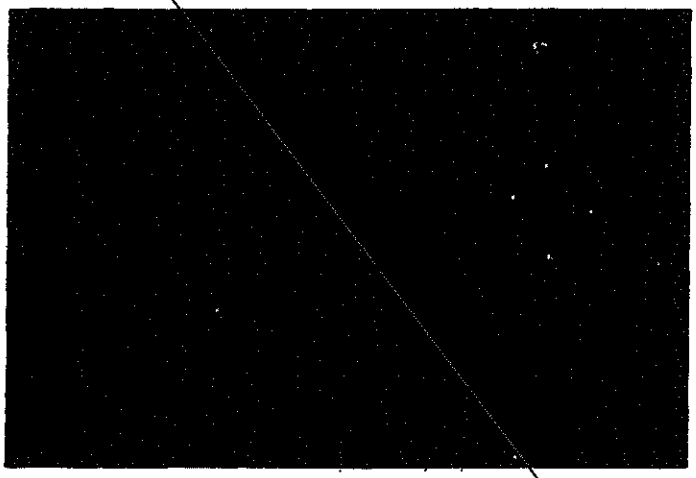


FIG. 1G

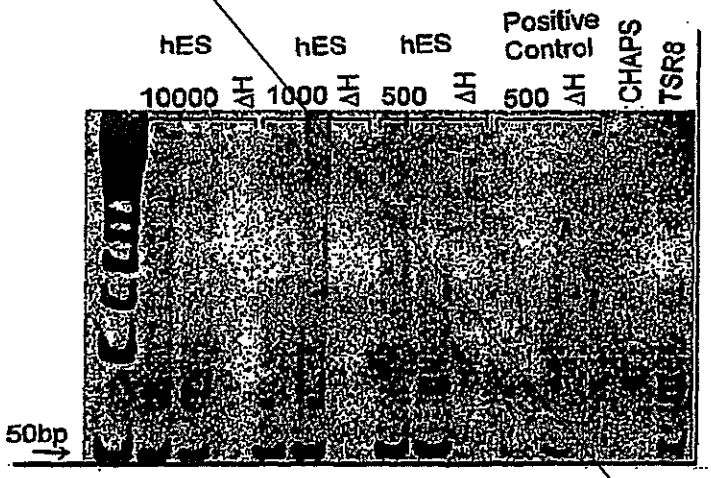

hES
10000
ΔH
hES
1000
ΔH
hES
500
ΔH
Positive Control
500
ΔH
CHAPS
TSR8
50bp

FIG. 2A

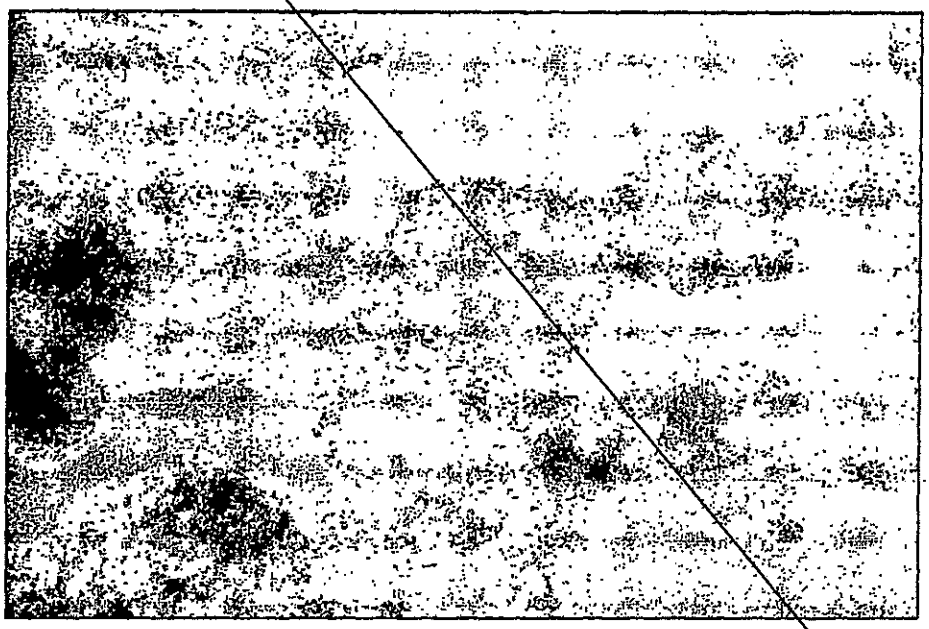


FIG. 2B

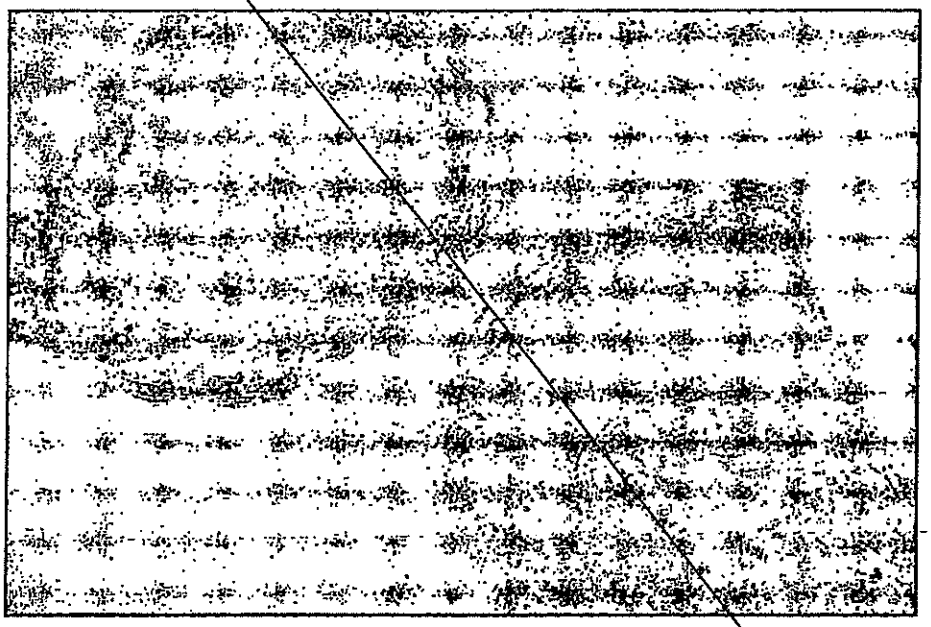


FIG. 2C

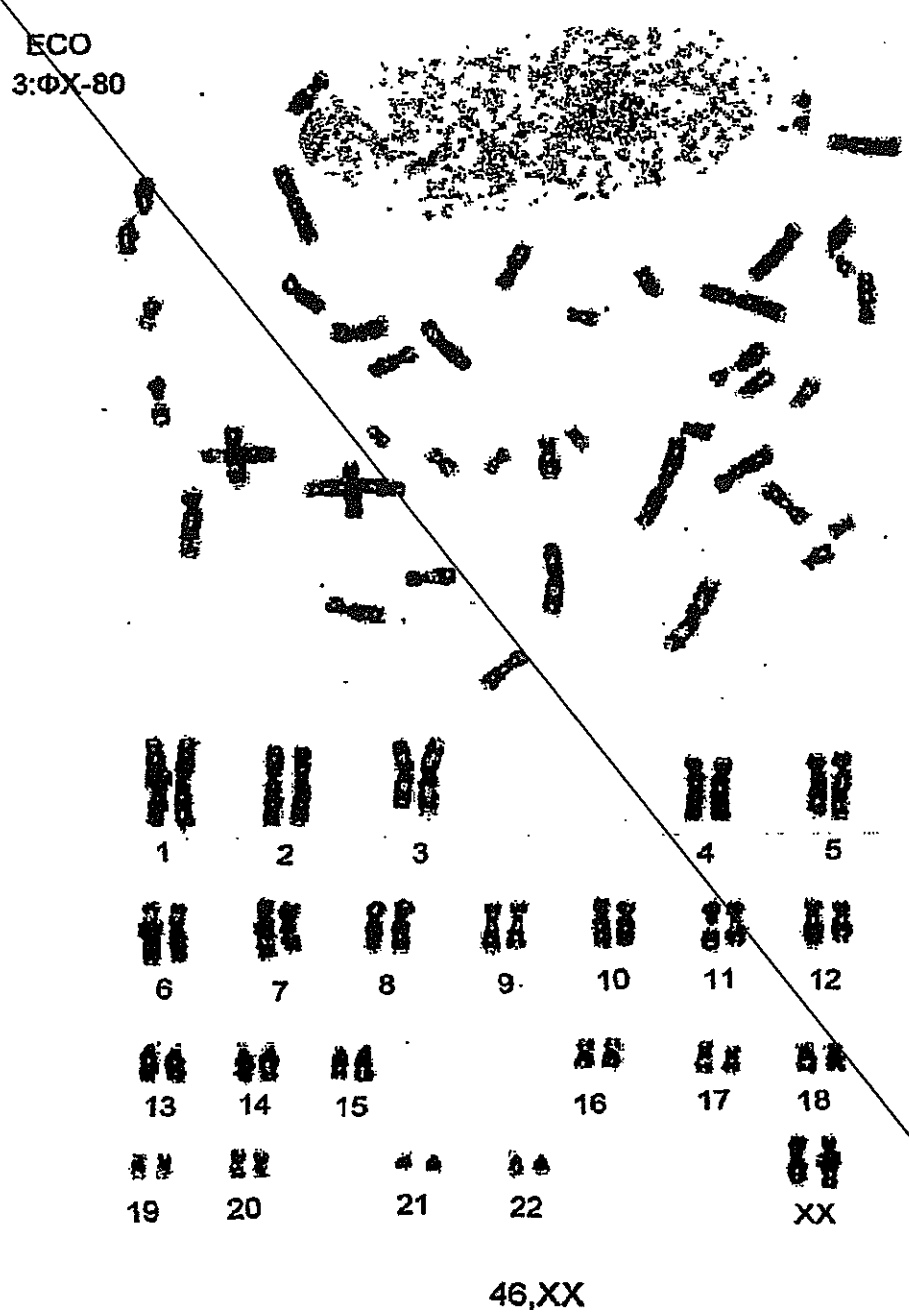


FIG. 2D

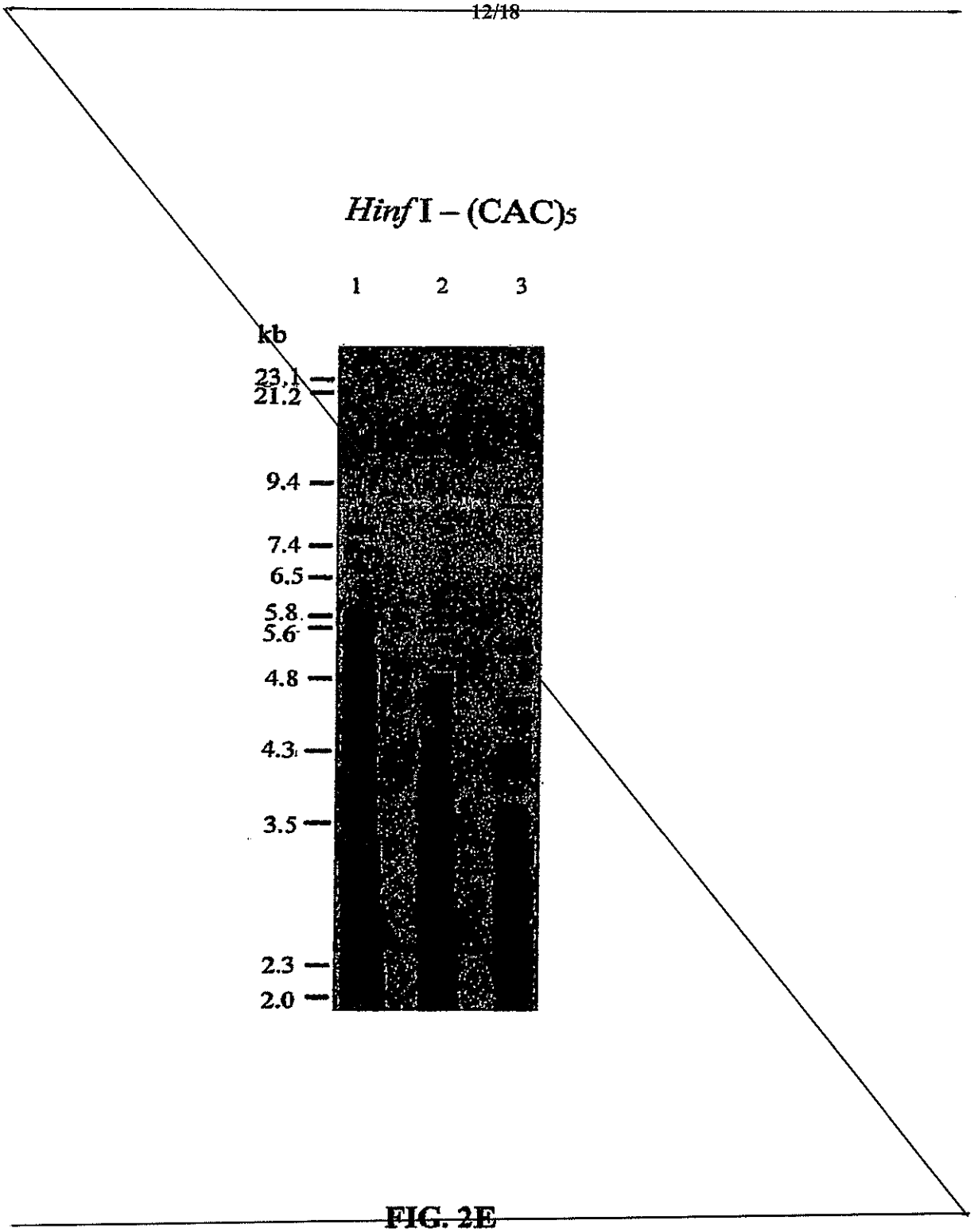


FIG. 2E

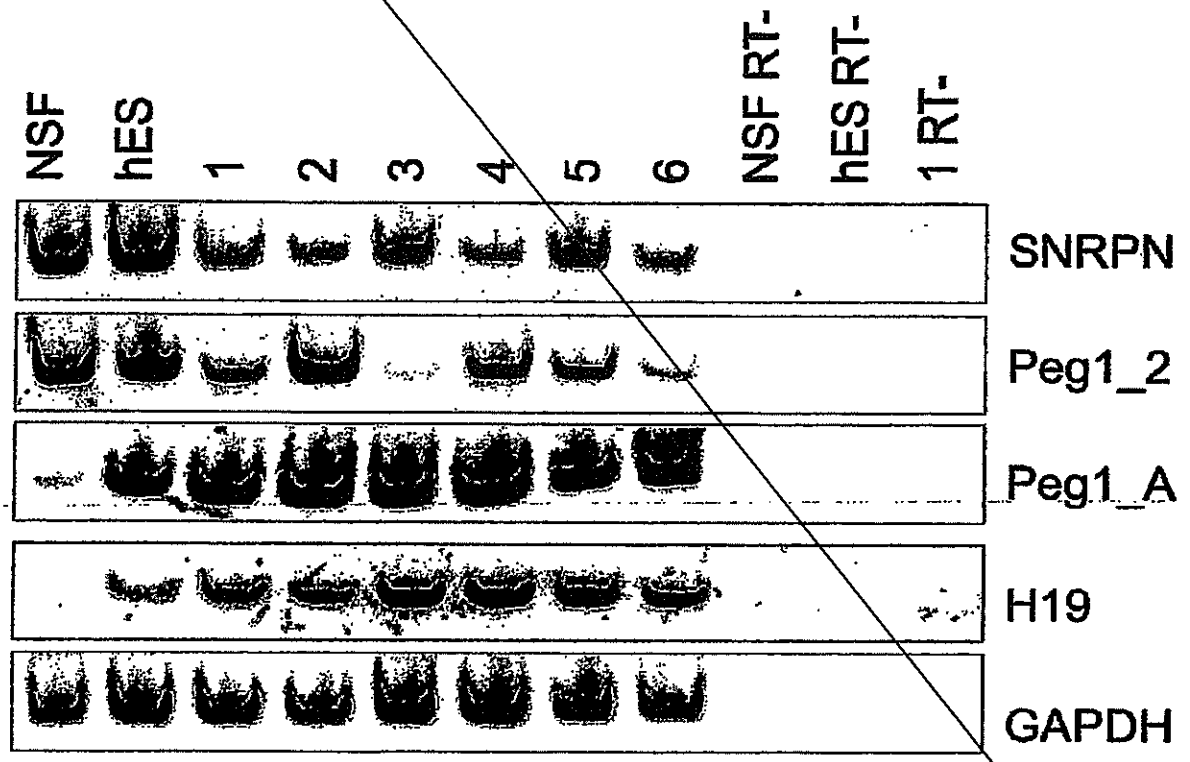


FIG. 3

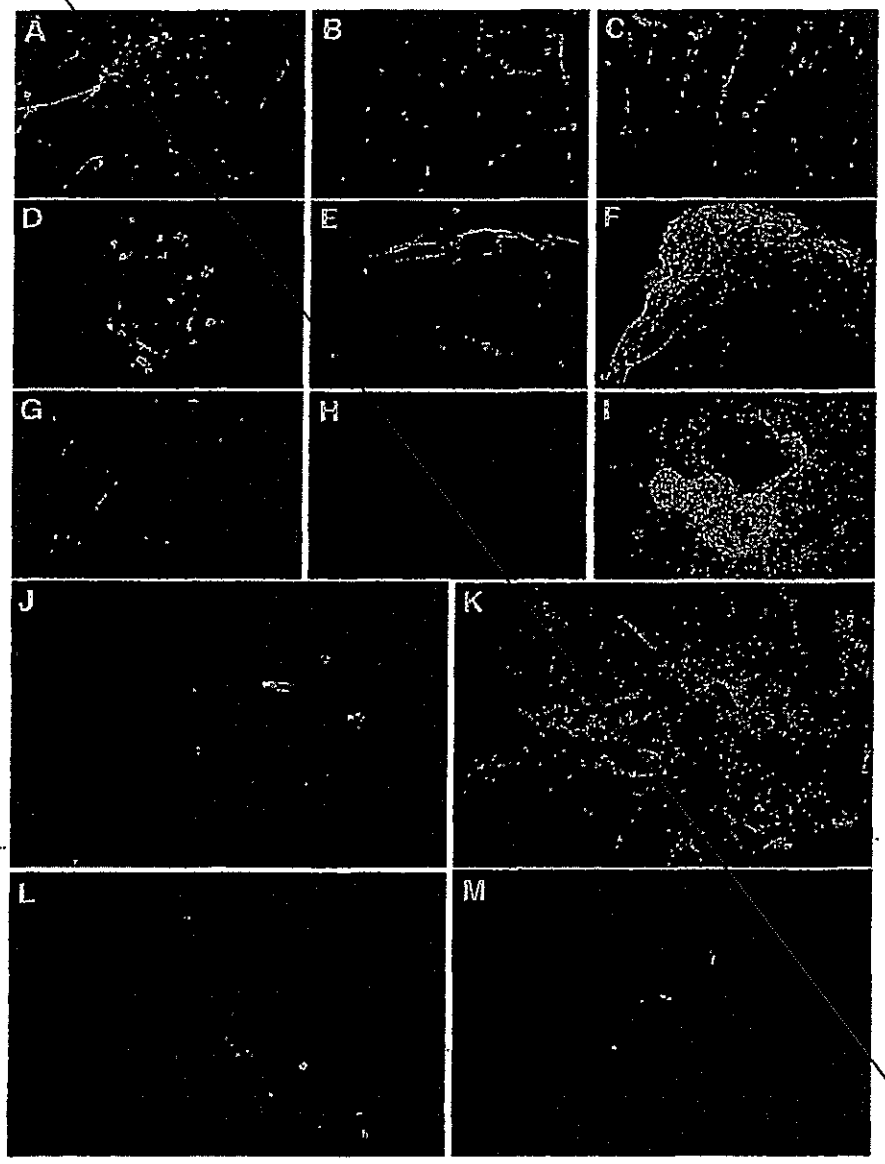


FIG. 4

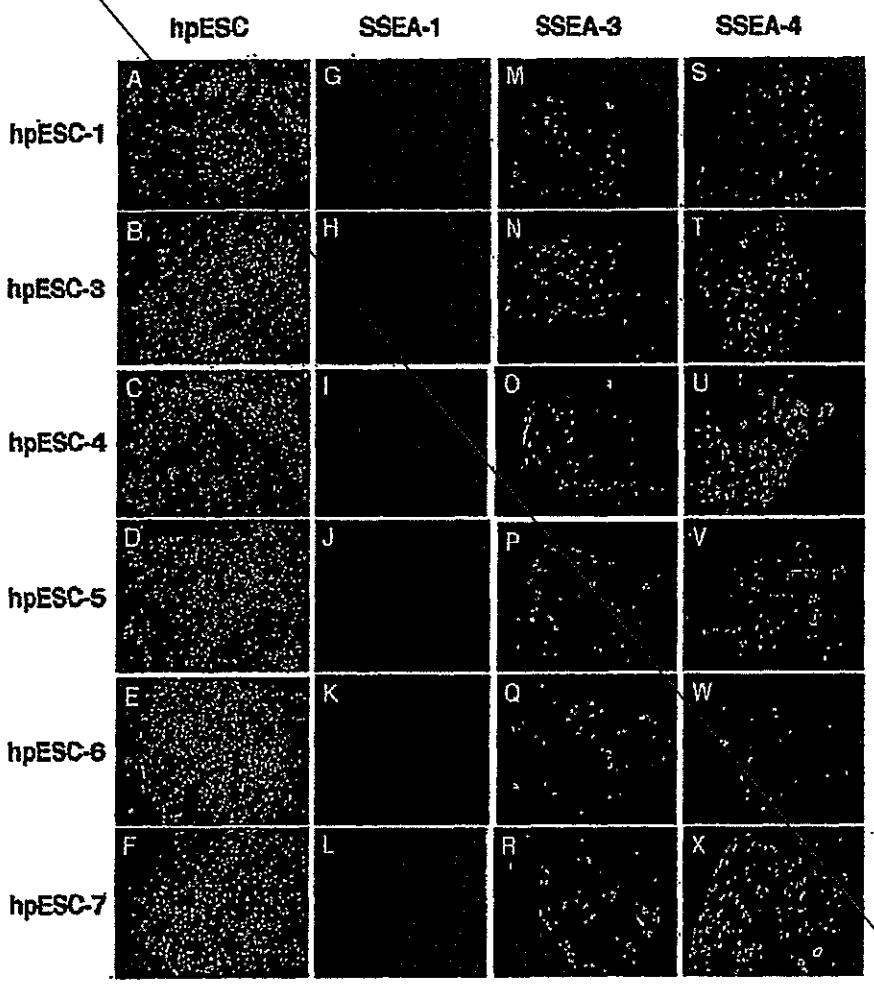

hpESC
SSEA-1
SSEA-3
SSEA-4
hpESC-1
hpESC-3
hpESC-4
hpESC-5
hpESC-6
hpESC-7
A
G
M
S
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FIG. 5

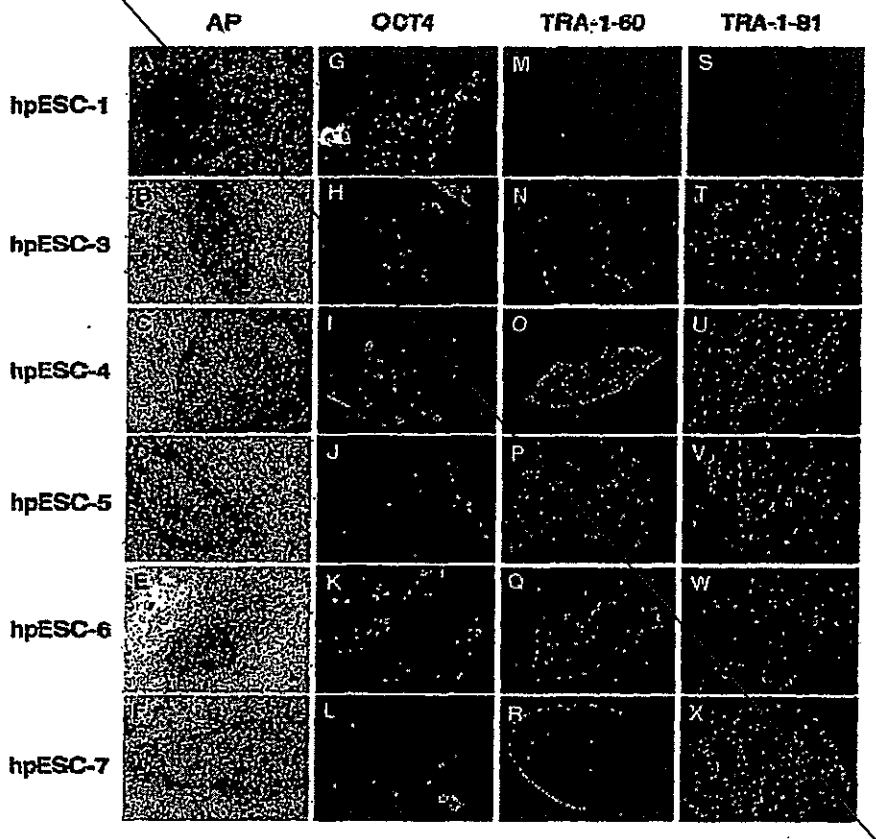

AP
OCT4
TRA-1-60
TRA-1-81
hpESC-1
hpESC-3
hpESC-4
hpESC-5
hpESC-6
hpESC-7
A
G
M
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N
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X

FIG. 5 (cont'd)


hpESC-4 hpESC-5 hpESC-6 hpESC-7 M hpESC-1 hpESC-3 Control- B TSR8 M
+ + - + + - + + - + + - + + - + + - + + - 0,1 0,2
50bp

FIG. 6

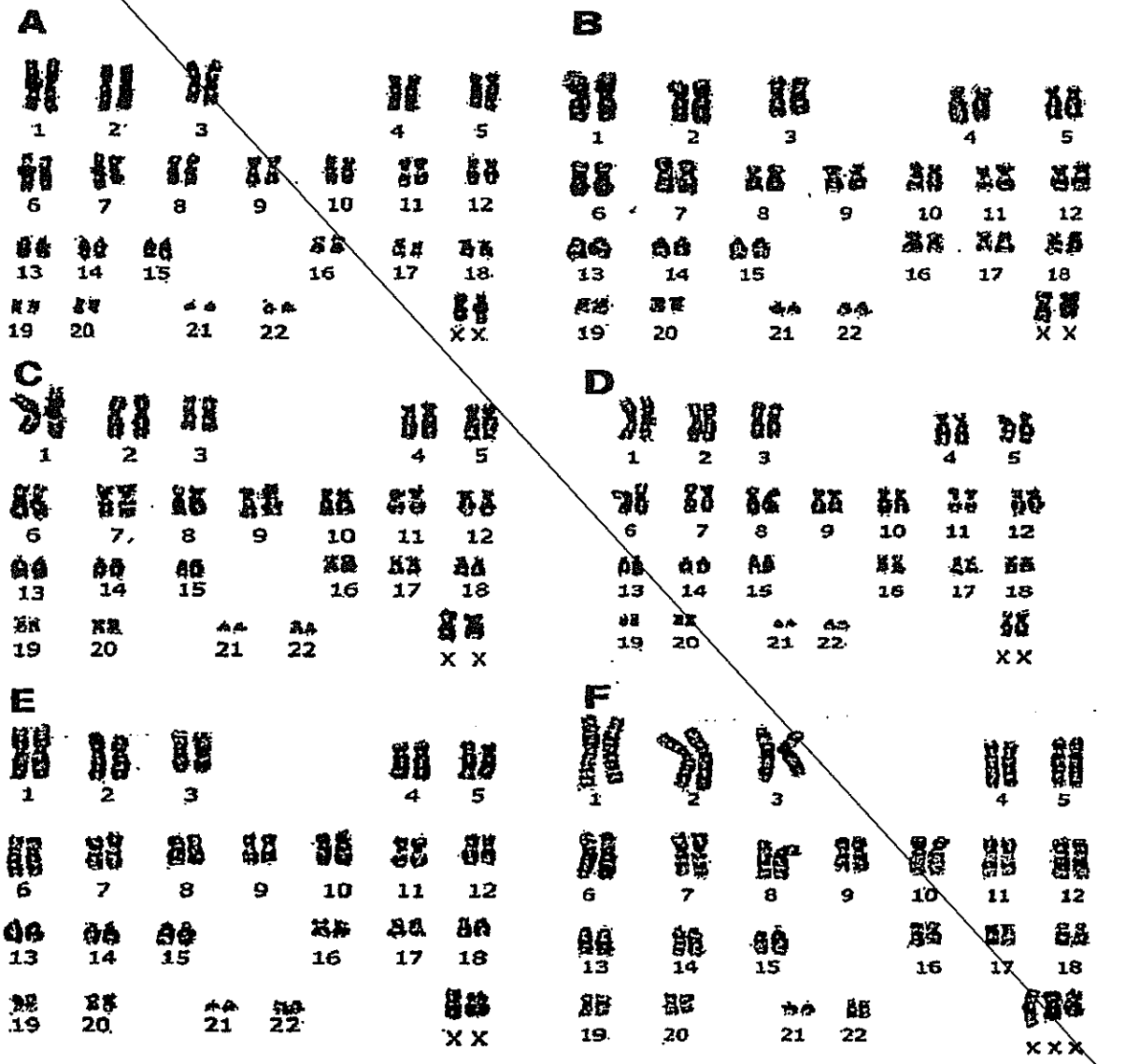

A
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
B
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
C
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
D
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
E
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
F
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X X

FIG. 7

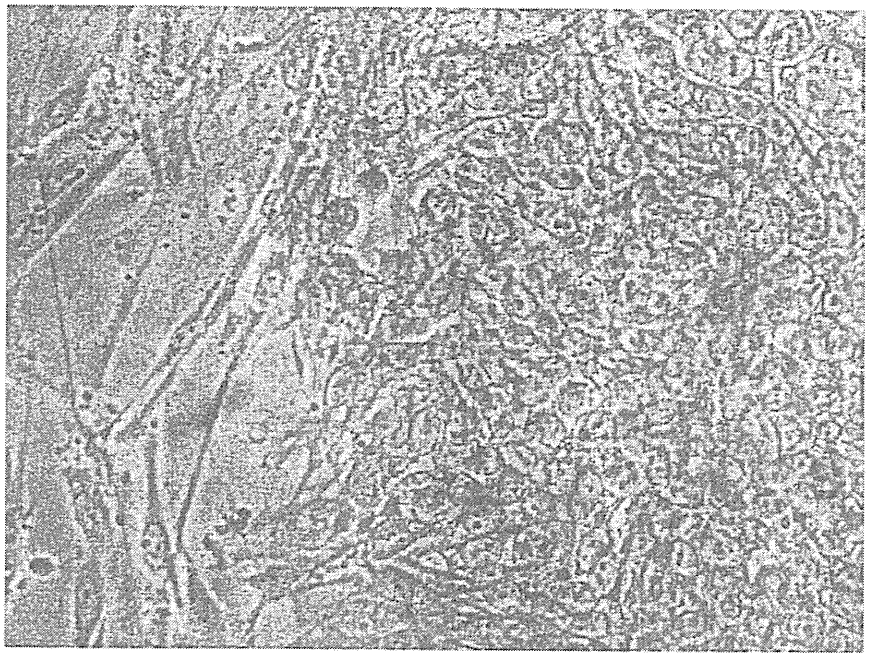


FIG. 1A

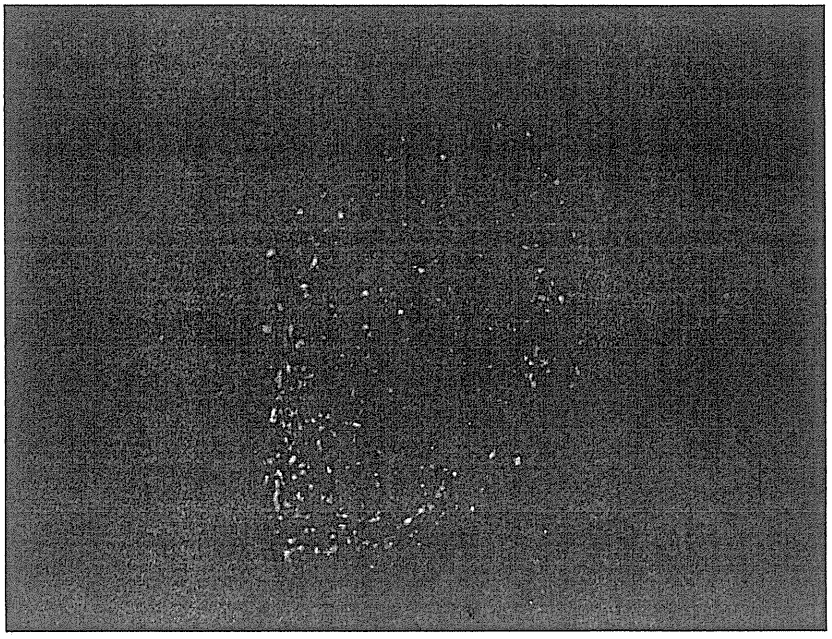


FIG. 1B

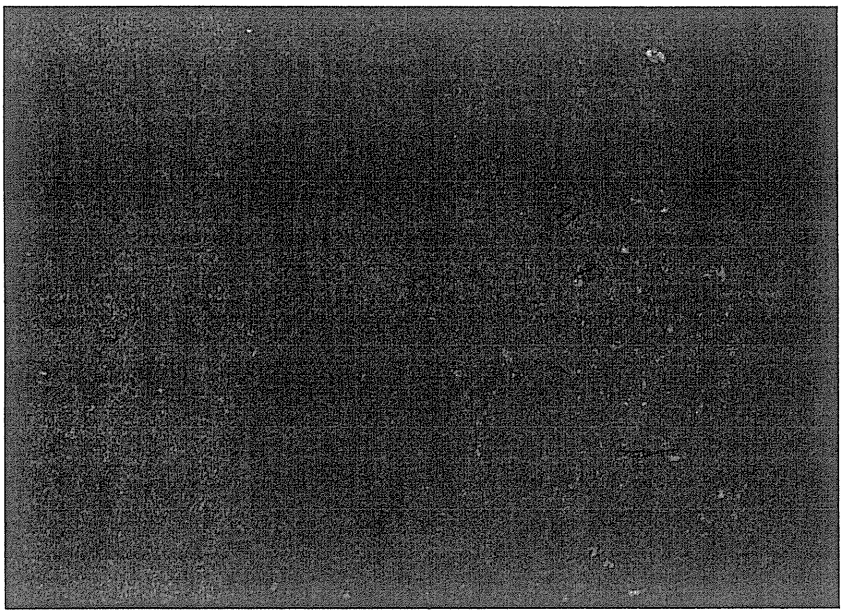


FIG. 1C

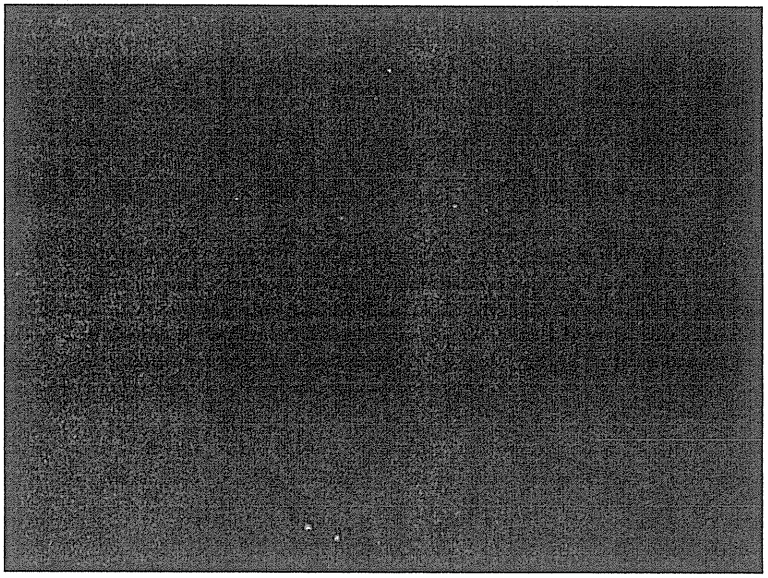


FIG. 1D

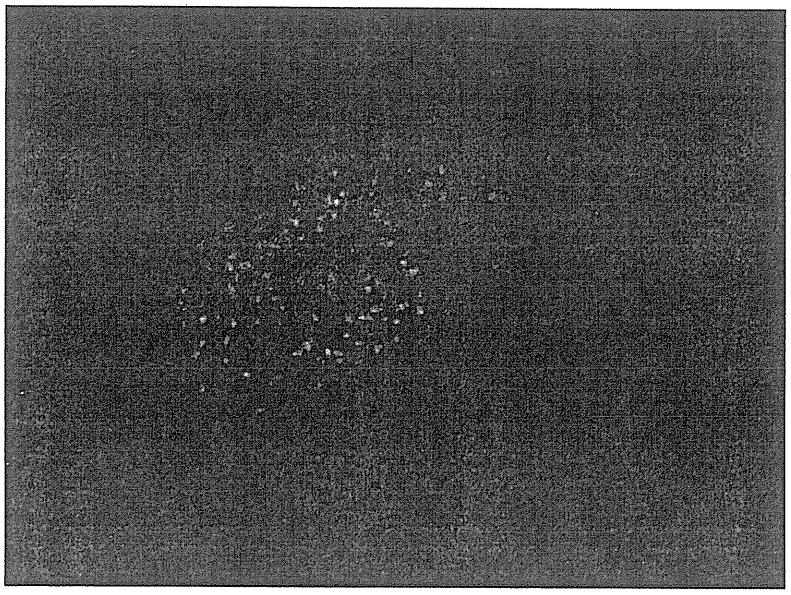


FIG. 1E

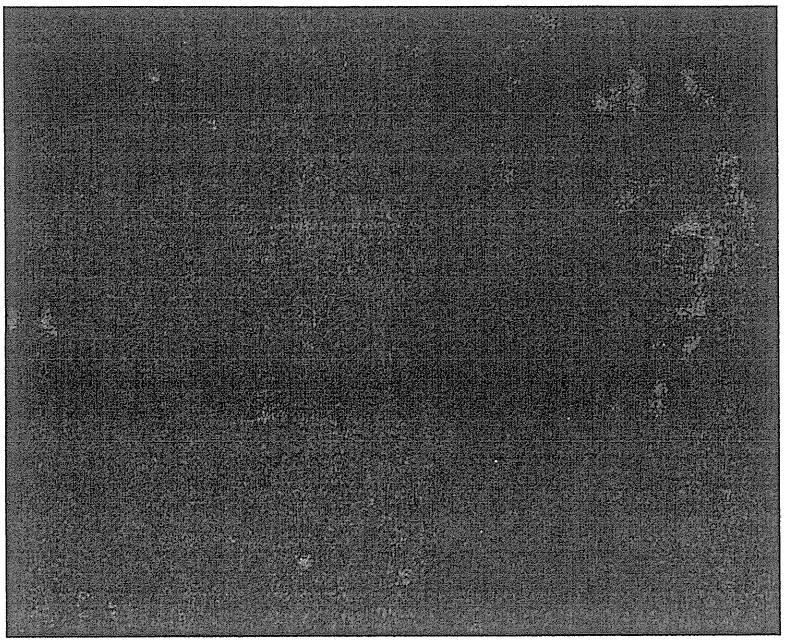


FIG. 1F

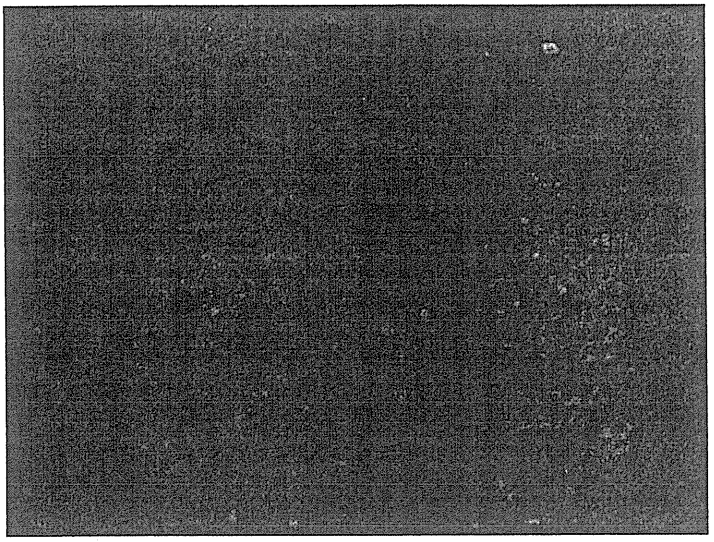


FIG. 1G

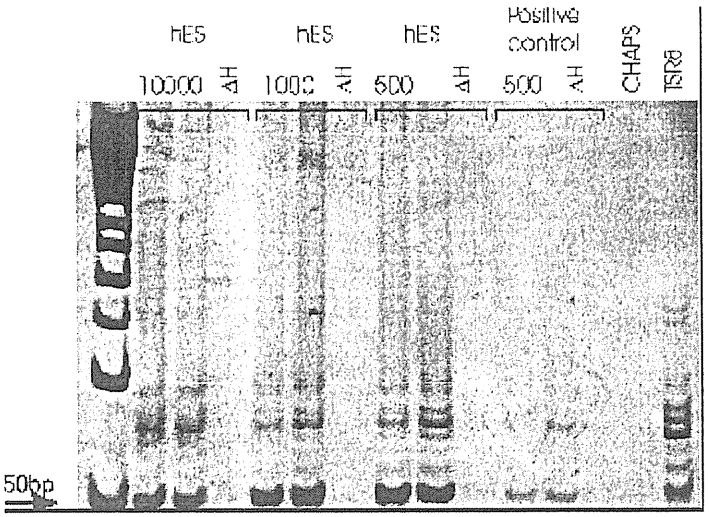

hES
10000
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ΔH
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ΔH
Positive control
500
ΔH
CHAPS
TSR8
50bp

FIG. 2A

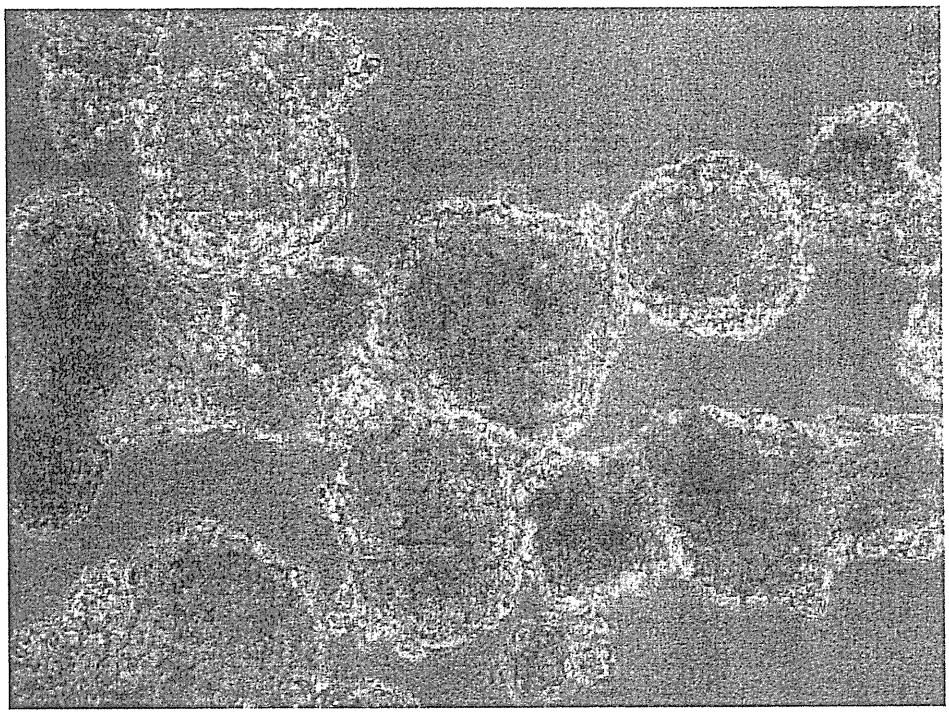


FIG. 2B

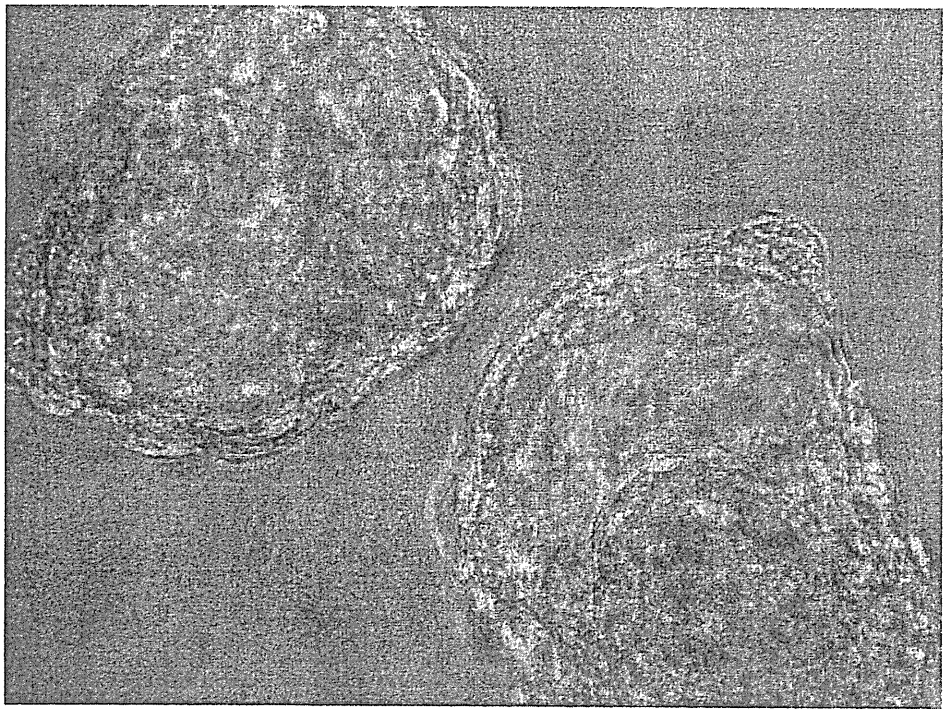


FIG. 2C

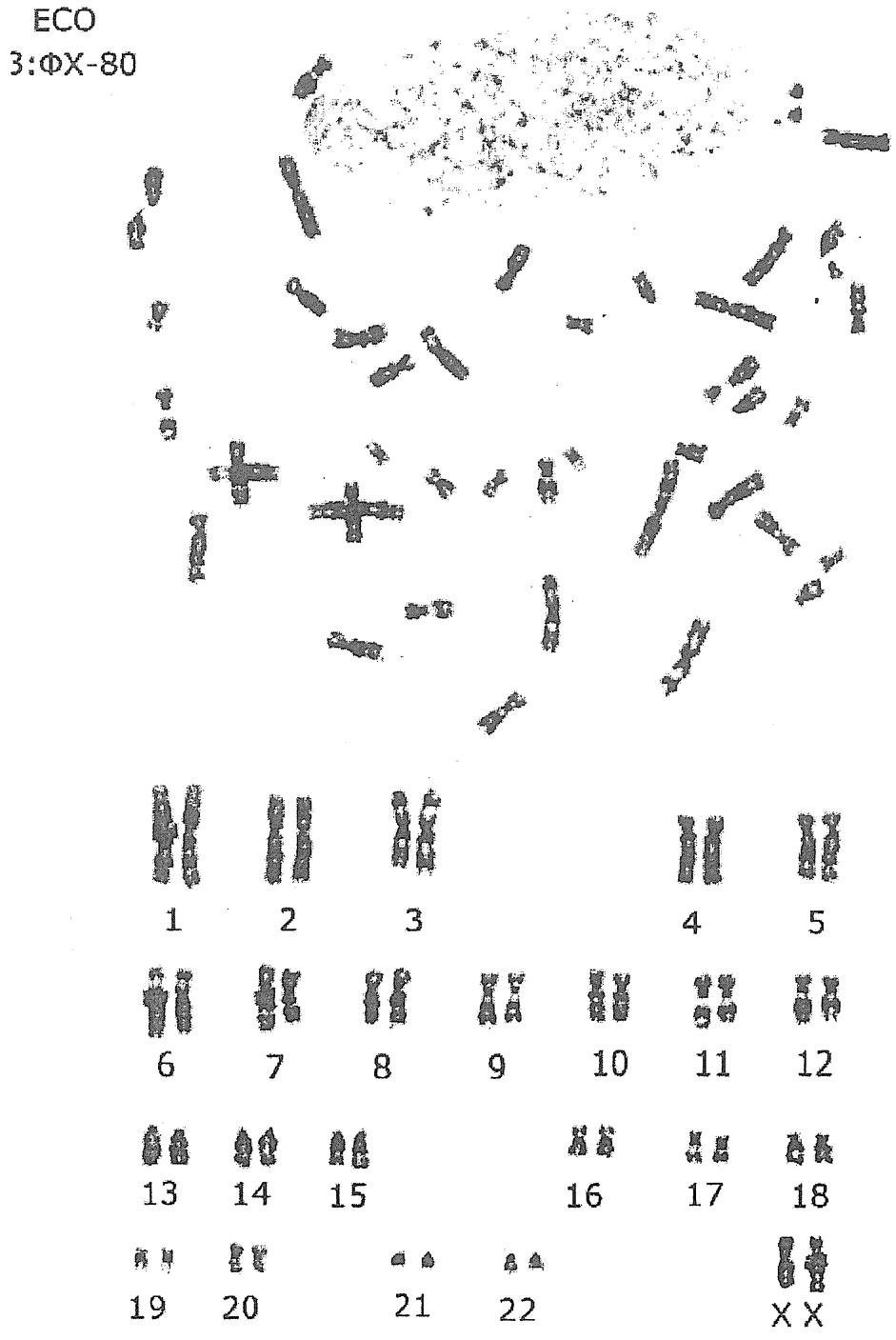


FIG. 2D

Hinf I - $(CAC)_5$

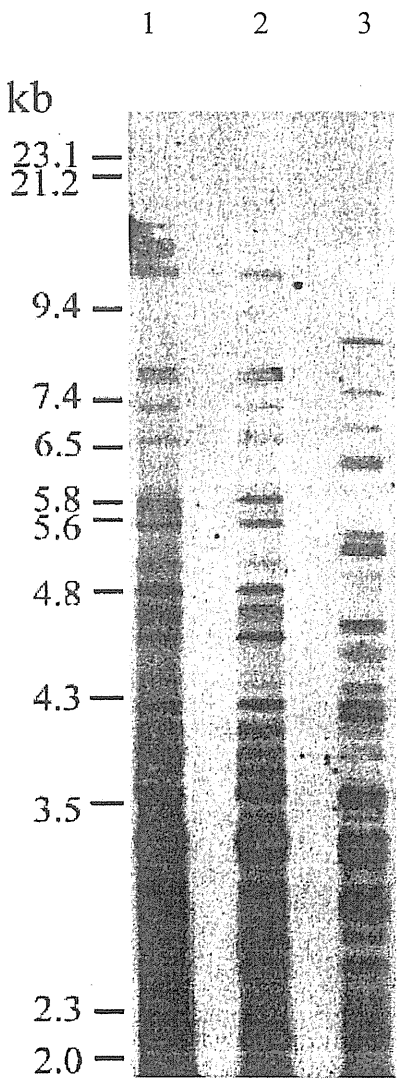


FIG. 2E

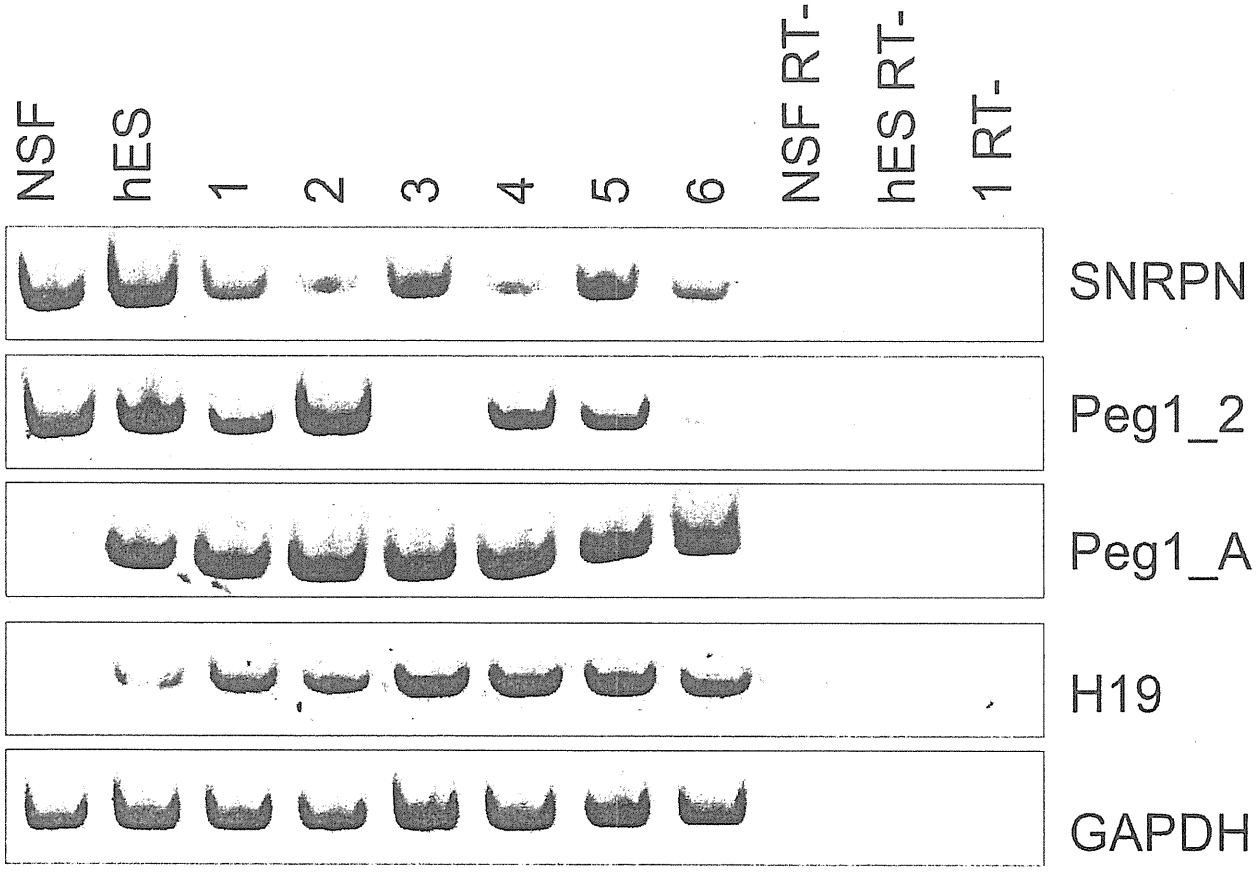


FIG. 3

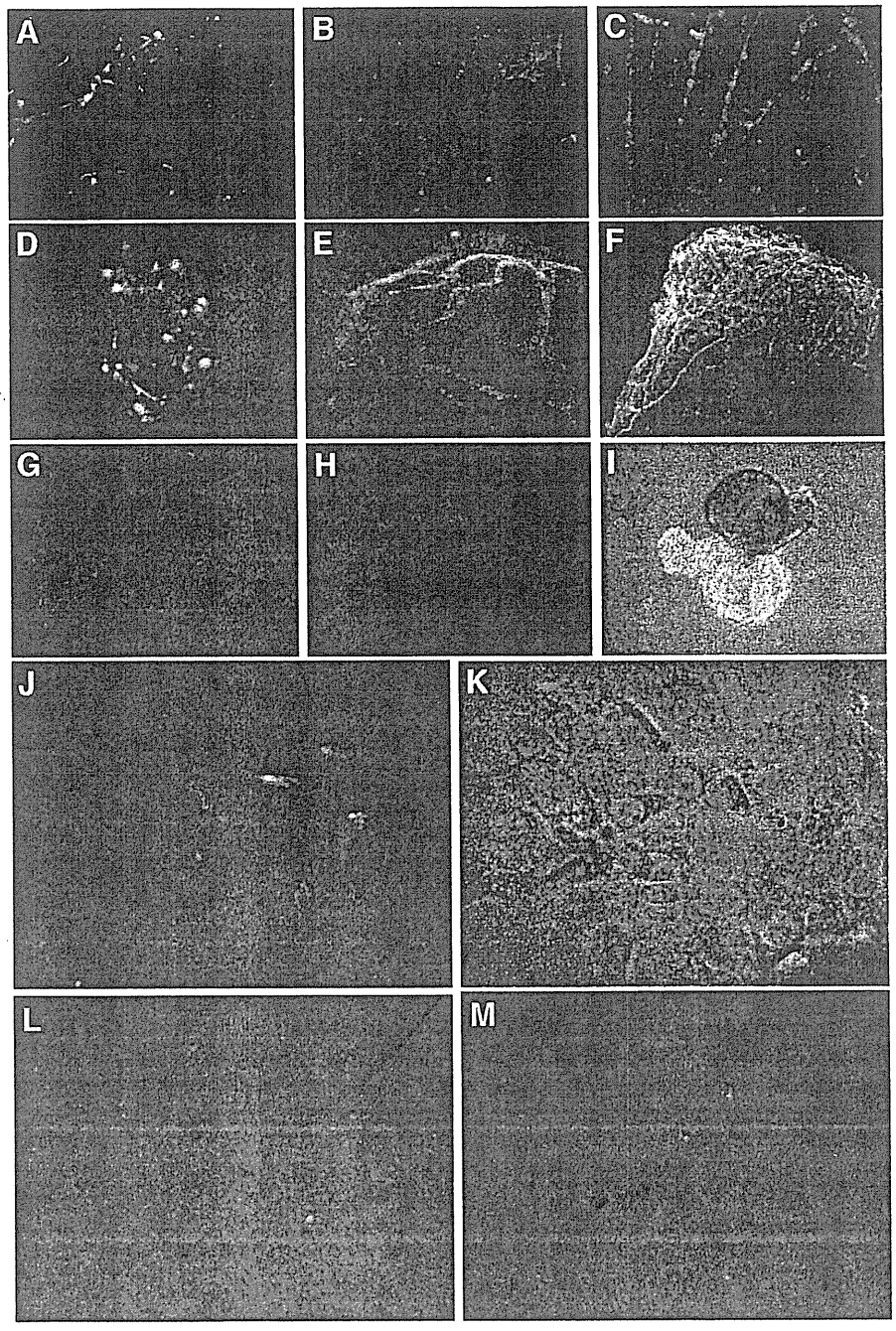


FIG. 4

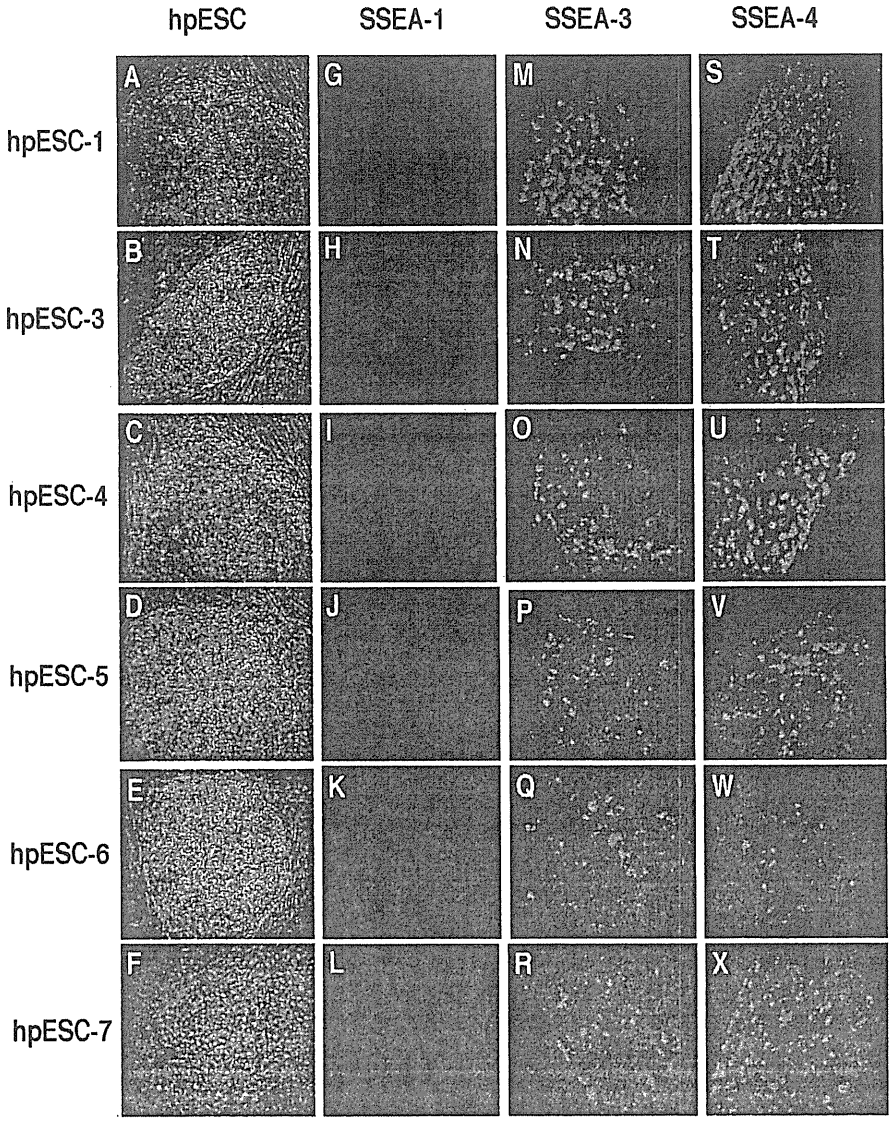

hpESC
SSEA-1
SSEA-3
SSEA-4
hpESC-1
hpESC-3
hpESC-4
hpESC-5
hpESC-6
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A
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FIG. 5

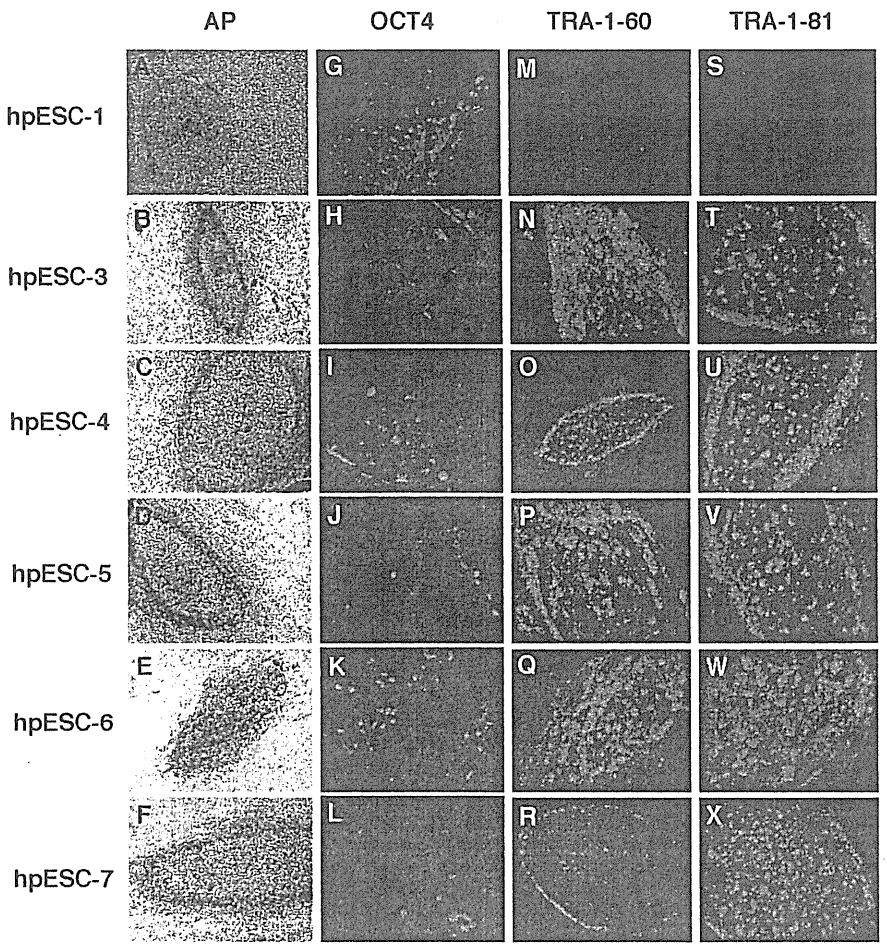

AP
OCT4
TRA-1-60
TRA-1-81
hpESC-1
hpESC-3
hpESC-4
hpESC-5
hpESC-6
hpESC-7
A
B
C
D
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W
X

FIG. 5 (cont'd)

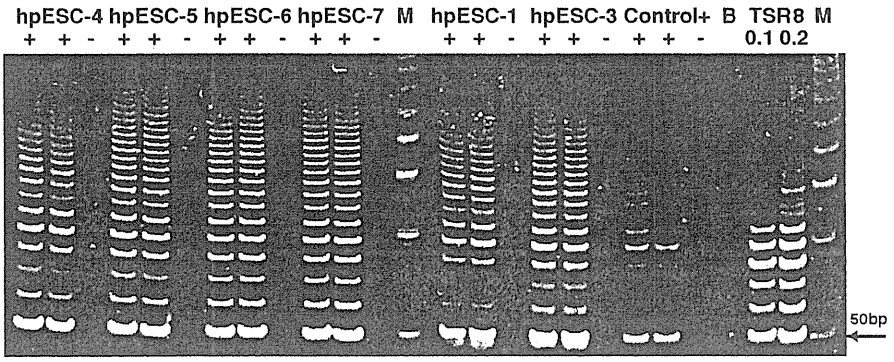

hpESC-4 hpESC-5 hpESC-6 hpESC-7 M hpESC-1 hpESC-3 Control+ B TSR8 M
+ + - + + - + + - + + - + + - + + - + + - + + - 0.1 0.2
50bp

FIG. 6

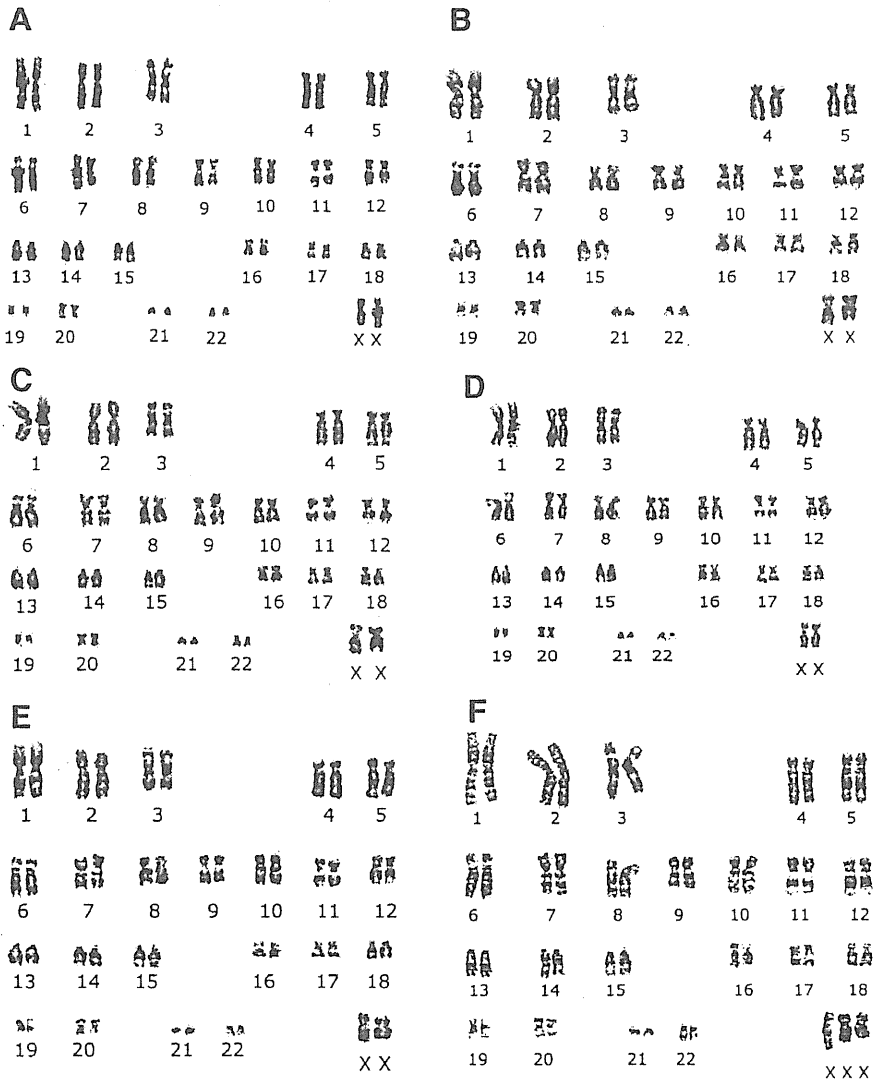

A
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
B
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
C
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
D
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
E
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X
F
1 2 3 4 5
6 7 8 9 10 11 12
13 14 15 16 17 18
19 20 21 22 X X X

FIG. 7