FIG. 1A

IH-3

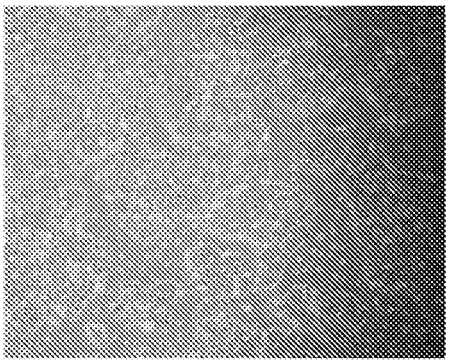


FIG. 1B

IH-1

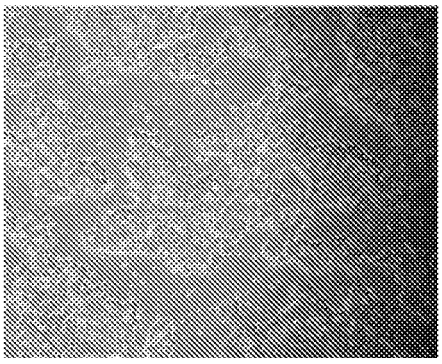


FIG. 1C

IH-6

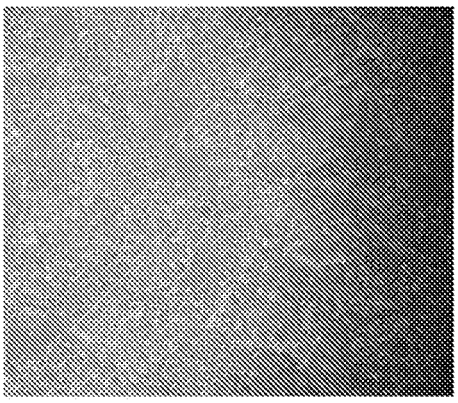


FIG. 1D

TeSR®1

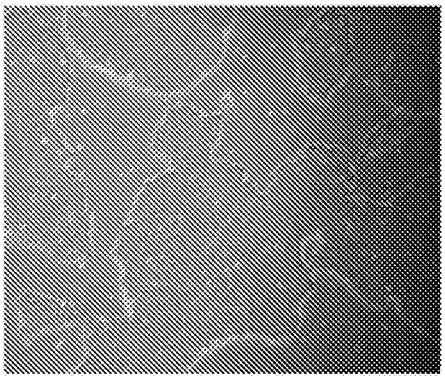


FIG. 2A

IH-3

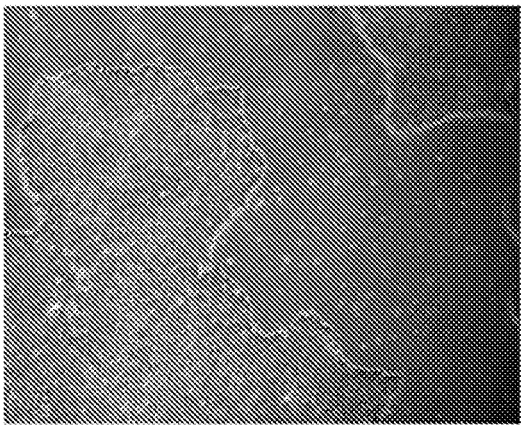


FIG. 2B

IH-3

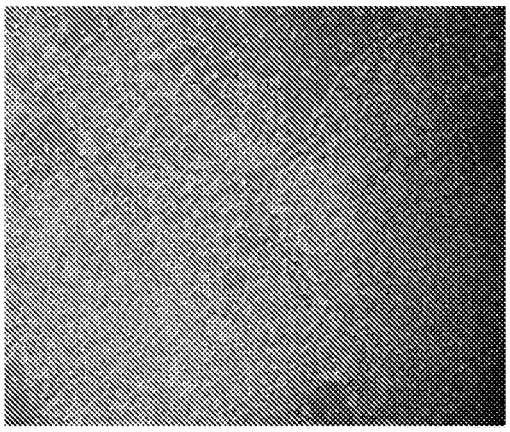


FIG. 2C

TeSR®1

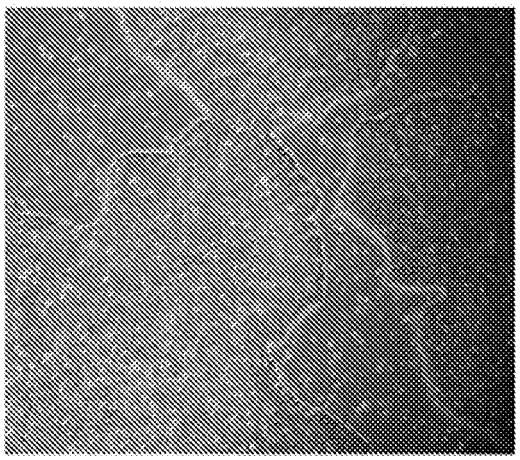


FIG. 3A

IH-3

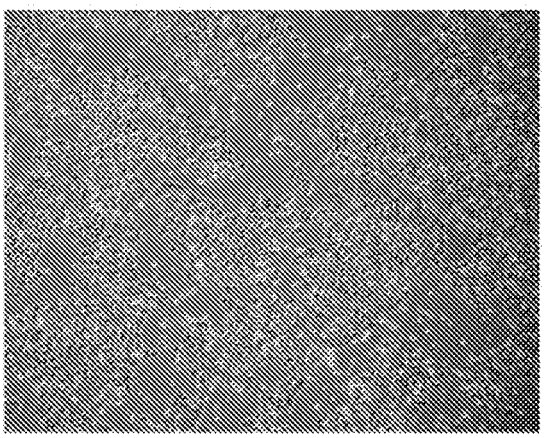


FIG. 3B

IH-1

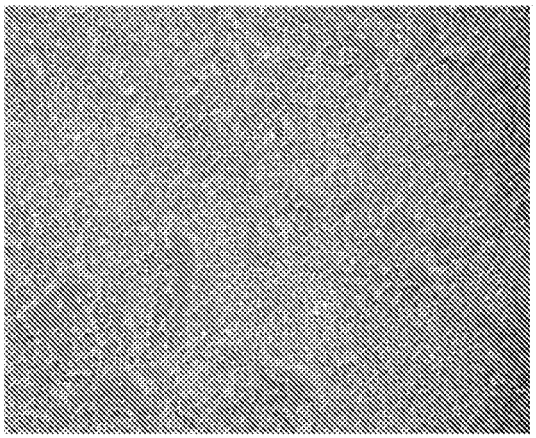


FIG. 3C

TeSR®1



FIG. 4A

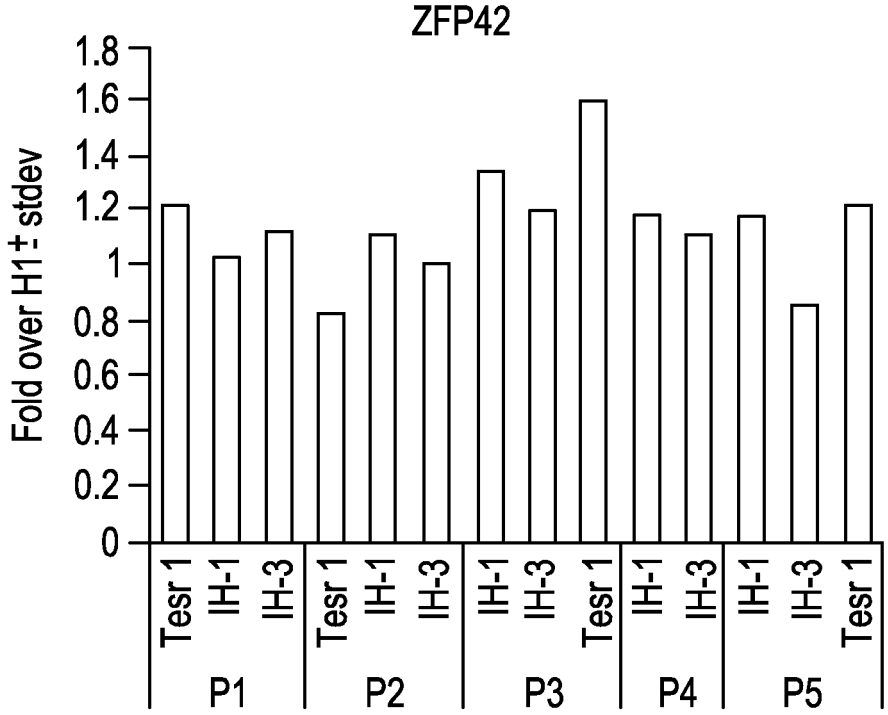

ZFP42
Fold over H1 ± stdev
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Tesr 1
IH-1
IH-3
P1
P2
P3
P4
P5

FIG. 4B

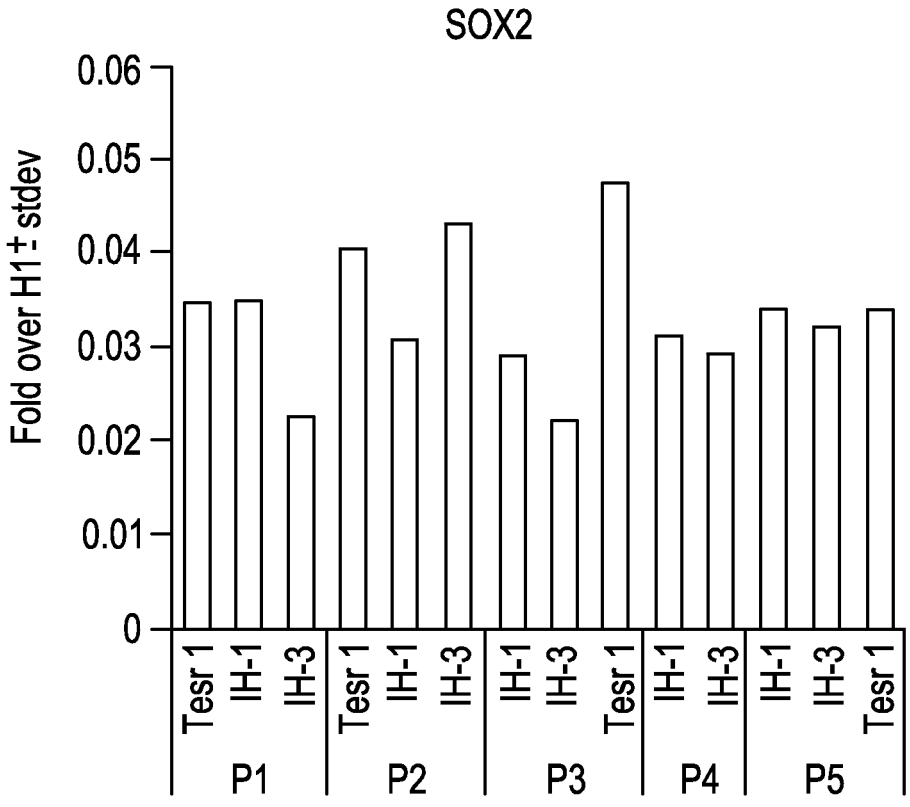

SOX2
Fold over H1 ± stdev
0.06
0.05
0.04
0.03
0.02
0.01
0
Tesr 1
IH-1
IH-3
P1
P2
P3
P4
P5

FIG. 4C

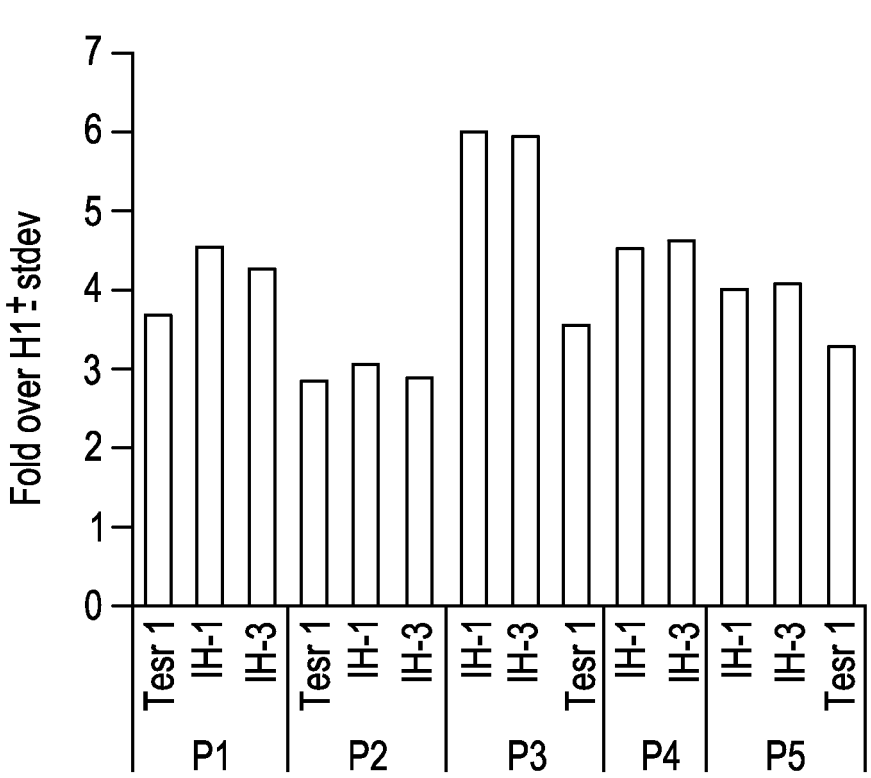

POU5F1
Fold over H1 ± stdev
0
1
2
3
4
5
6
7
Tesr 1
IH-1
IH-3
P1
P2
P3
P4
P5

FIG. 4D

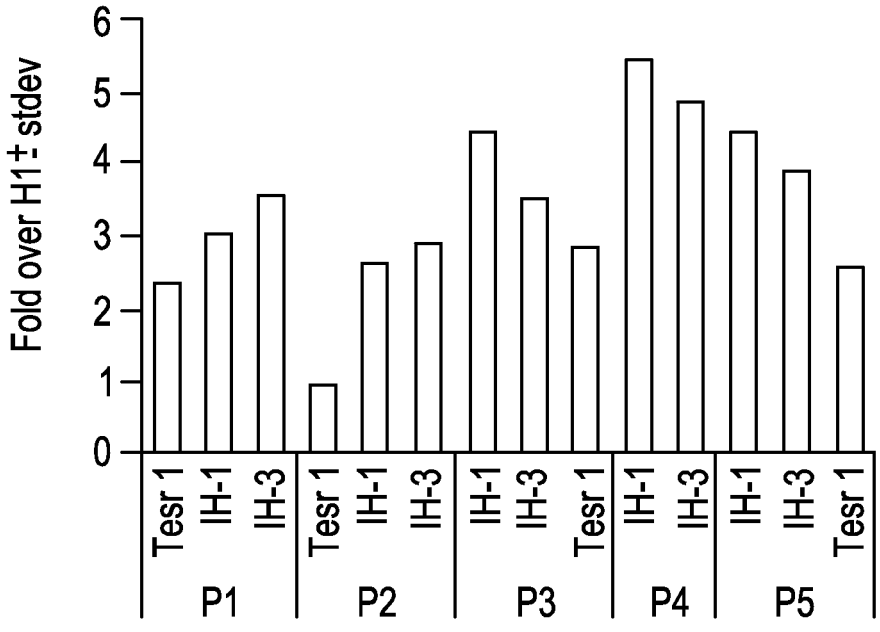

NANOG
Fold over H1 ± stdev
0
1
2
3
4
5
6
Tesr 1
IH-1
IH-3
P1
P2
P3
P4
P5

FIG. 4E

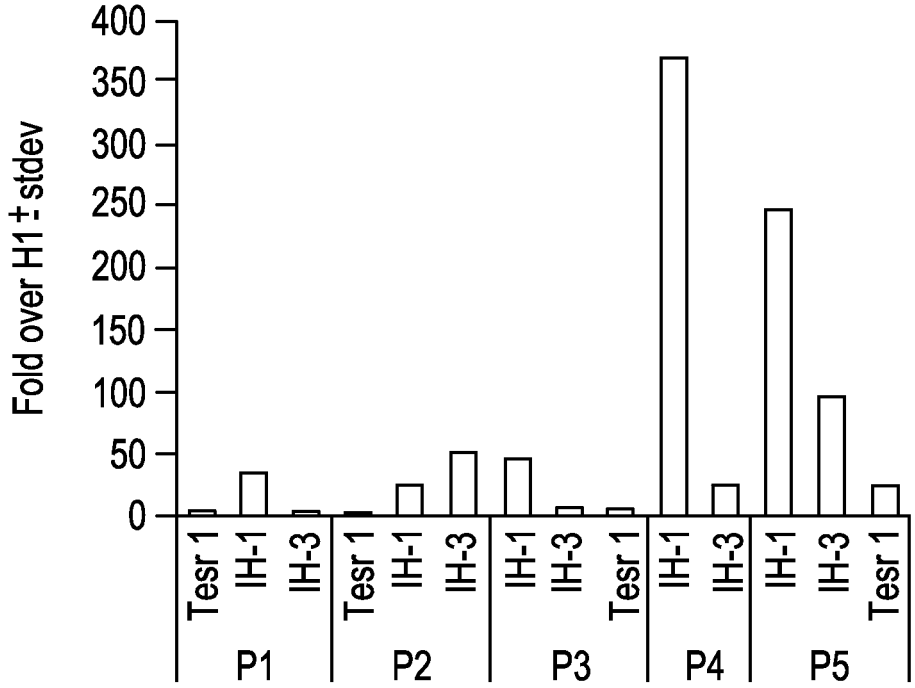

FOXA2
Fold over H1 ± stdev
400
350
300
250
200
150
100
50
0
Tesr 1
IH-1
IH-3
P1
P2
P3
P4
P5

FIG. 4F

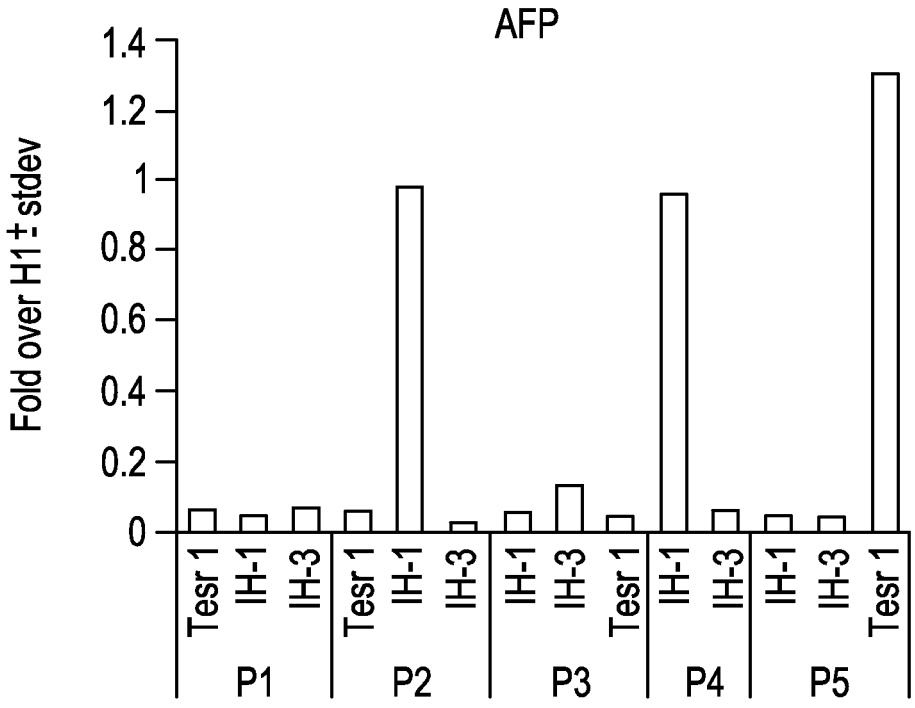

AFP
Fold over H1 ± stdev
1.4
1.2
1
0.8
0.6
0.4
0.2
0
Tesr 1
IH-1
IH-3
P1
P2
P3
P4
P5

FIG. 5A

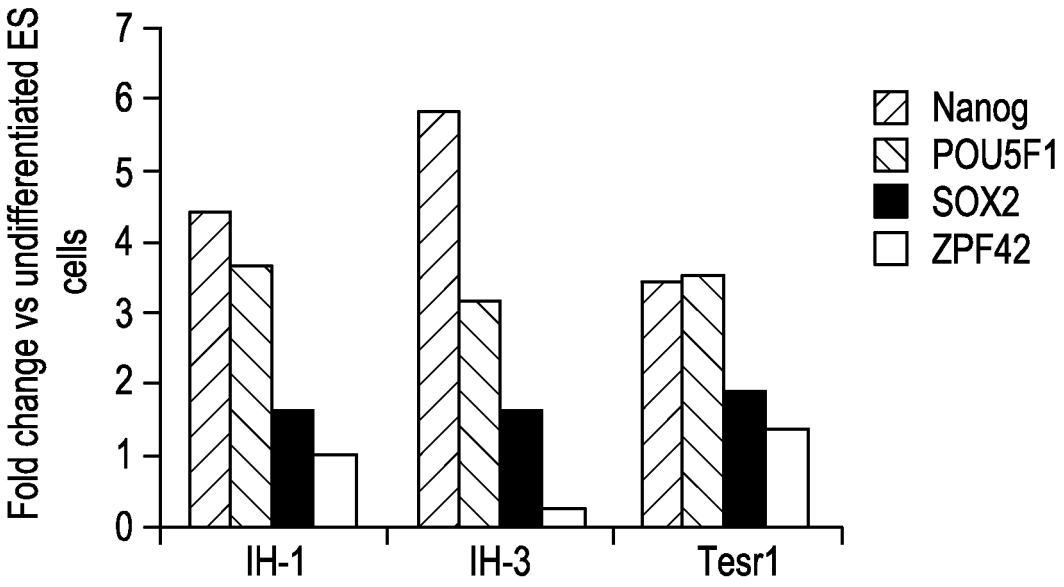

Fold change vs undifferentiated ES cells
0
1
2
3
4
5
6
7
IH-1
IH-3
Tesr1
Nanog
POU5F1
SOX2
ZPF42

FIG. 5B

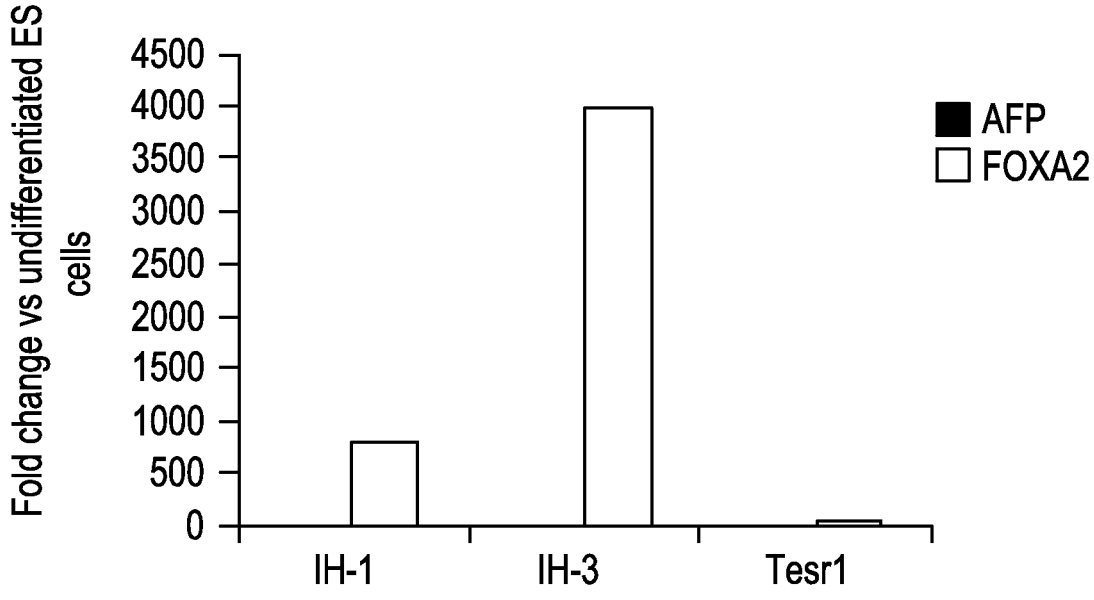

Fold change vs undifferentiated ES cells
0
500
1000
1500
2000
2500
3000
3500
4000
4500
IH-1
IH-3
Tesr1
AFP
FOXA2

FIG. 6A

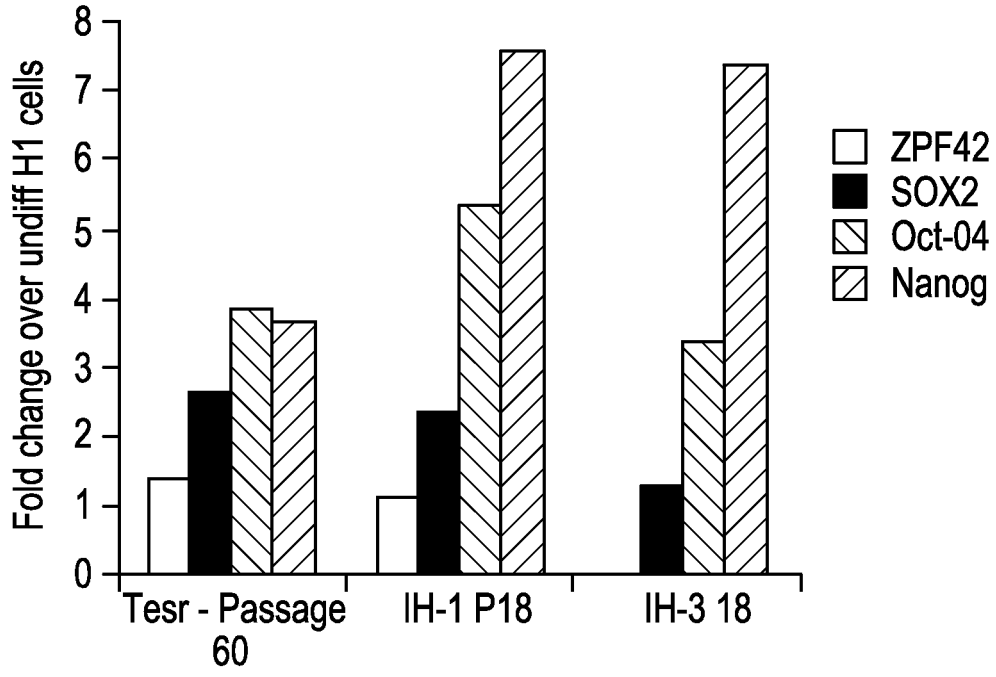

Fold change over undiff H1 cells
0
1
2
3
4
5
6
7
8
Tesr - Passage 60
IH-1 P18
IH-3 18
ZPF42
SOX2
Oct-04
Nanog

FIG. 6B

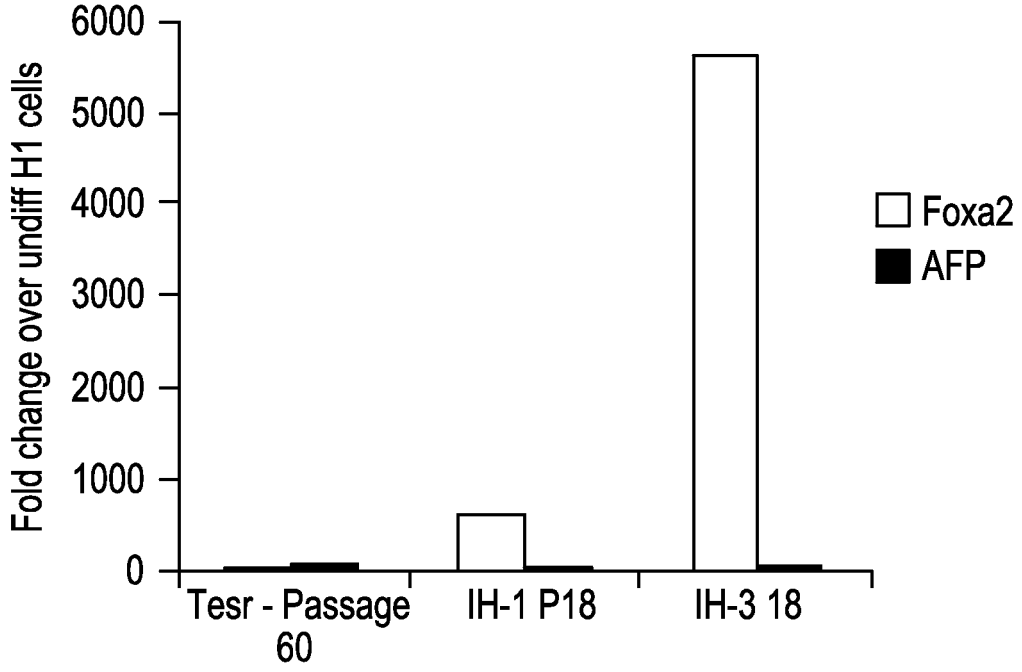

Fold change over undiff H1 cells
0
1000
2000
3000
4000
5000
6000
Tesr - Passage 60
IH-1 P18
IH-3 18
Foxa2
AFP

FIG. 7A

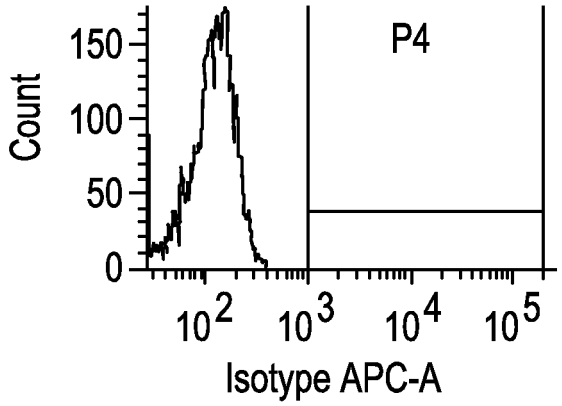


FIG. 7B

KI67

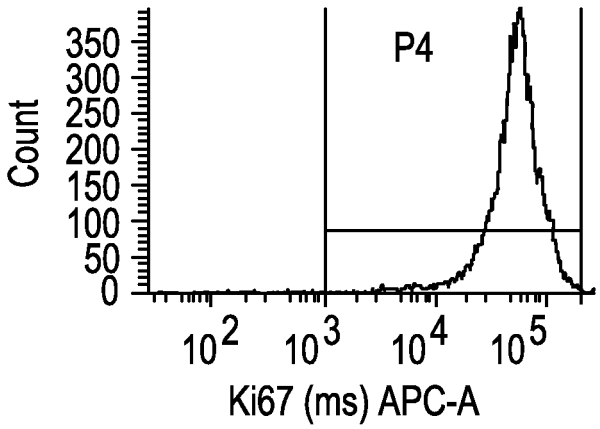


FIG. 7C

OCT4

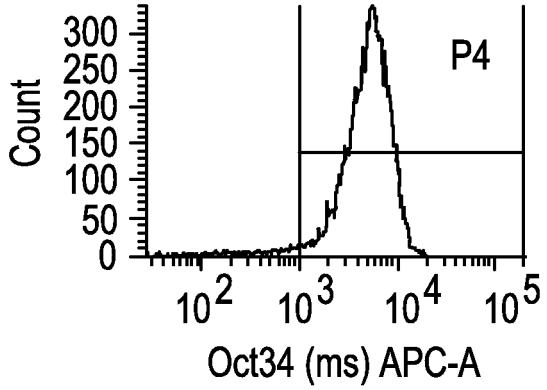


FIG. 7D

SOX17

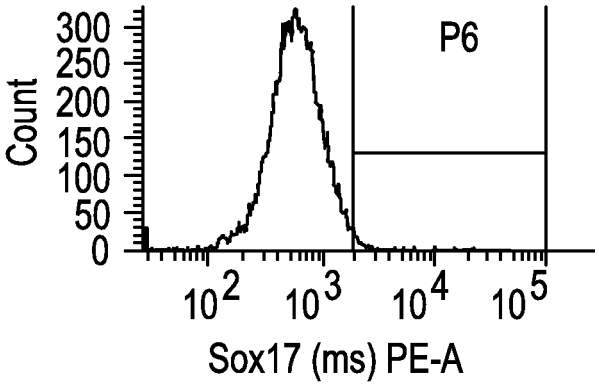


FIG. 7E

FOXA2

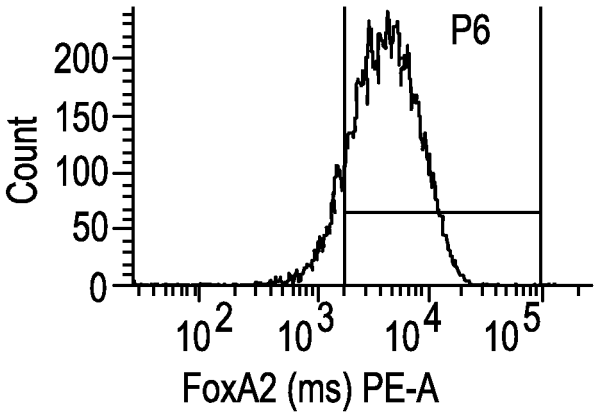


FIG. 7F

SOX2

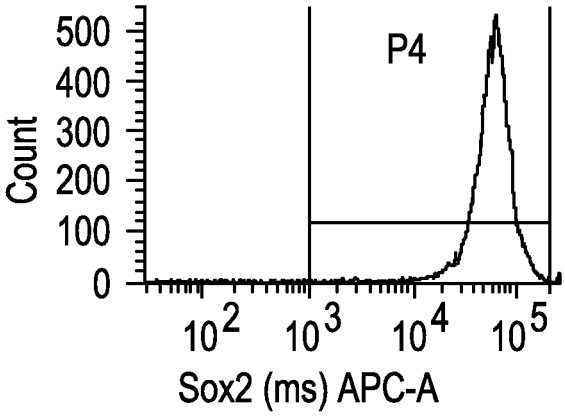


FIG. 8A

OCT4

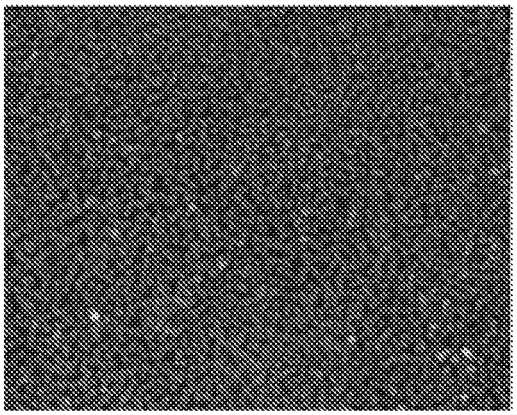


FIG. 8B

FOXA2

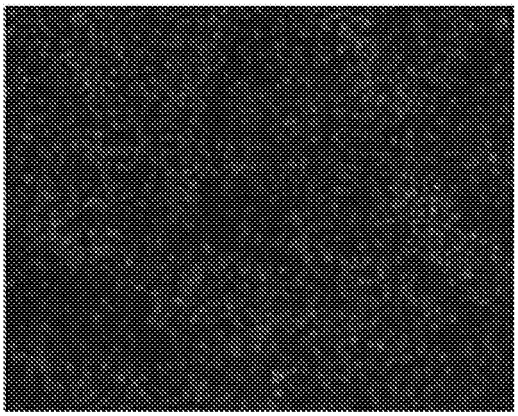


FIG. 8C

DAPI

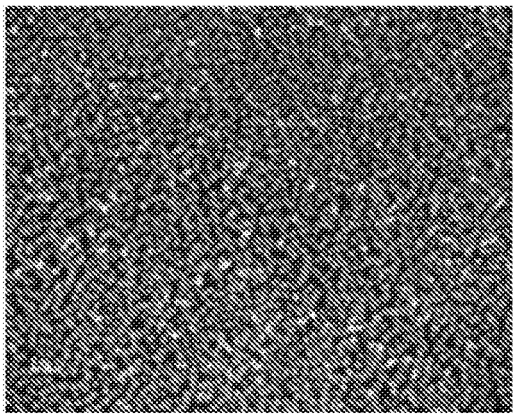


FIG.8D

SOX2

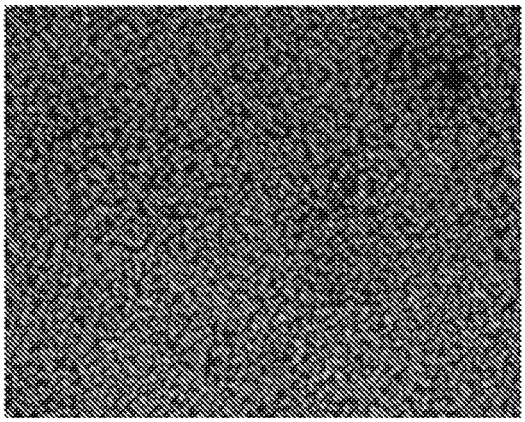


FIG. 8E

FOXA2

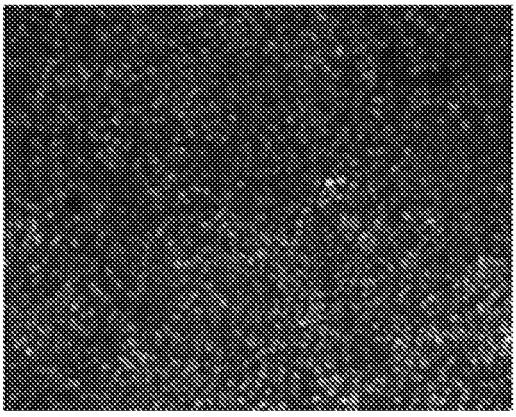


FIG. 8F

DAPI

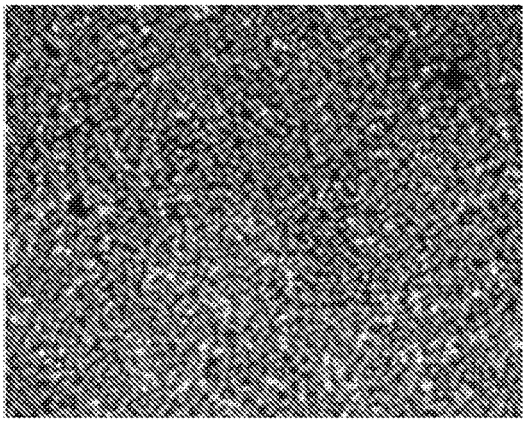


FIG. 9A

Tesr1

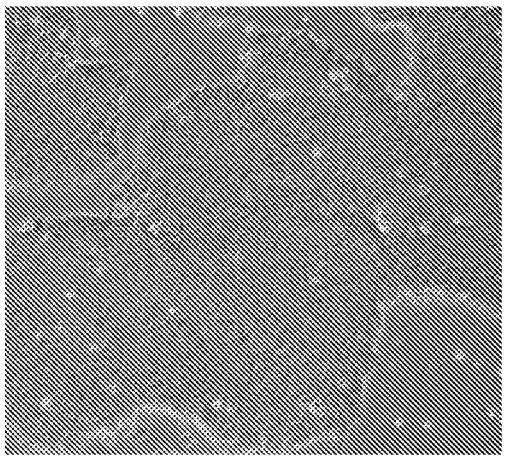


FIG. 9B

IH-3

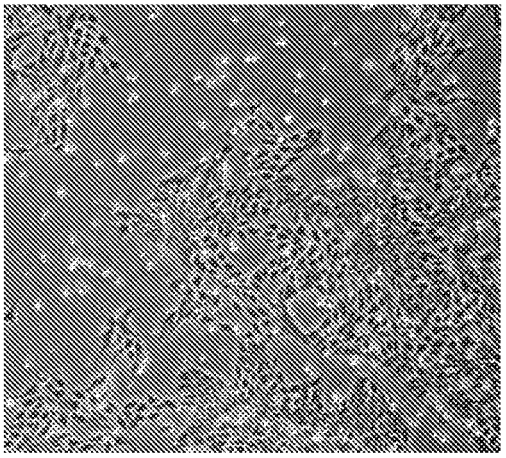


FIG. 9C

IH-3-1

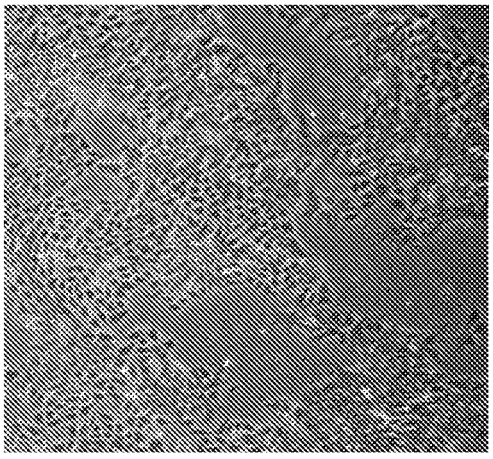


FIG. 9D

IH-3-2

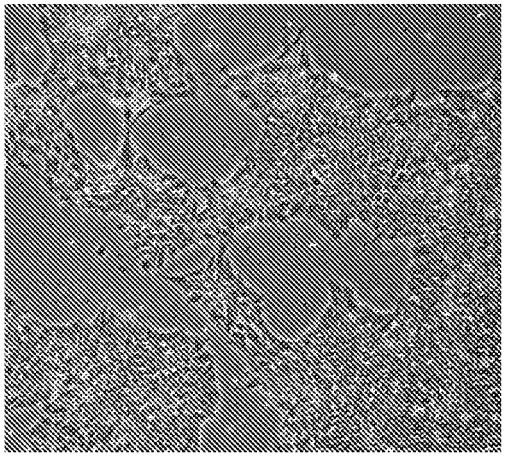


FIG. 9E

IH-3-3

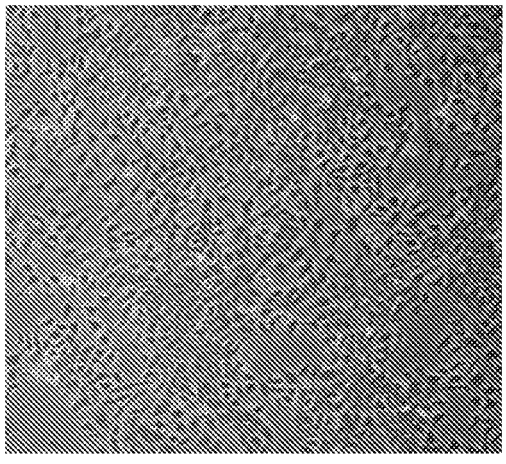


FIG. 9F

IH-3-4

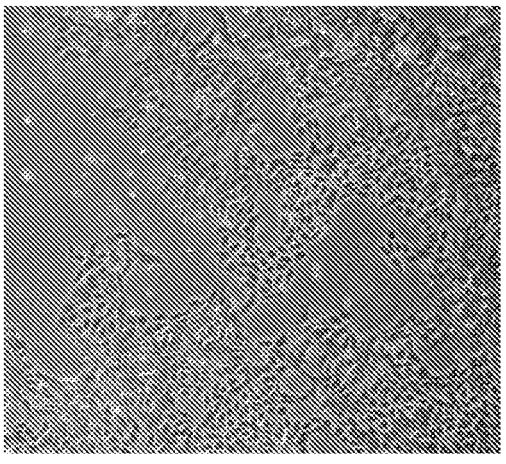


FIG.10A

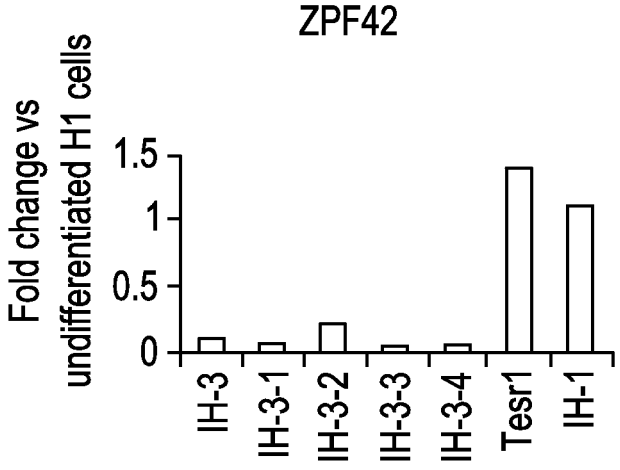


FIG.10B

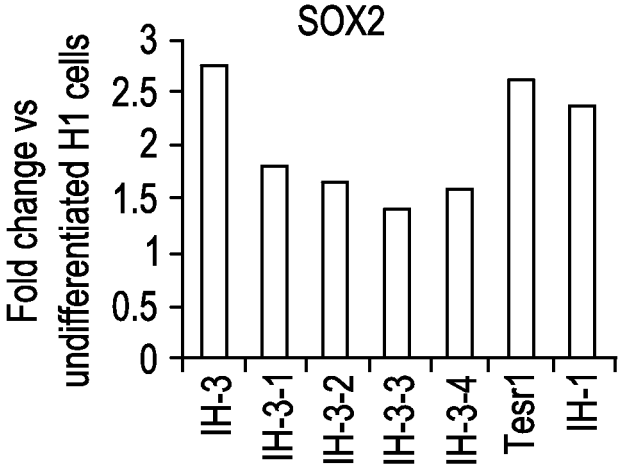


FIG.10C

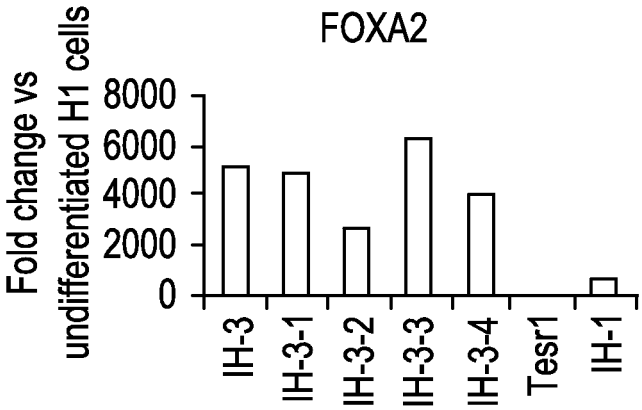


FIG.10D

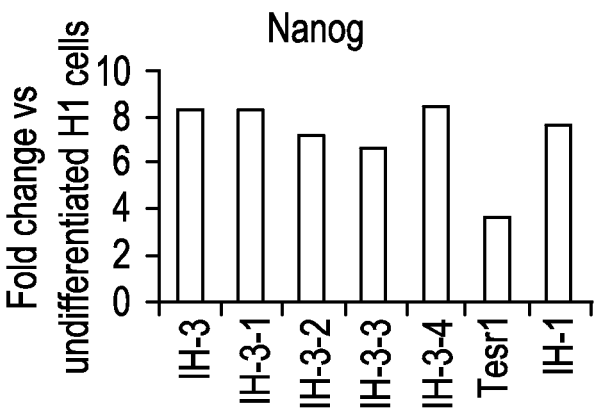


FIG.10E

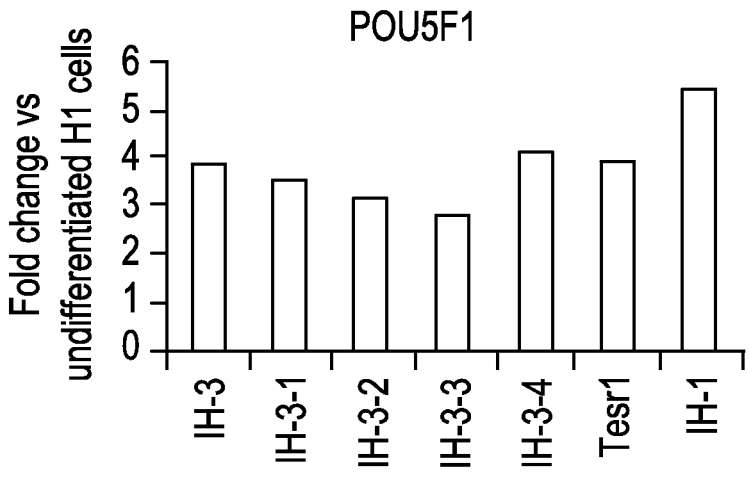


FIG. 11A

Tesr1

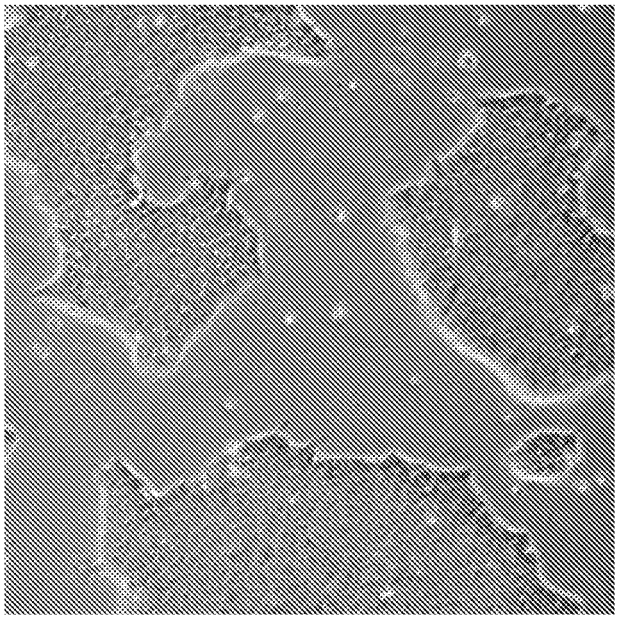


FIG. 11B

IH-3

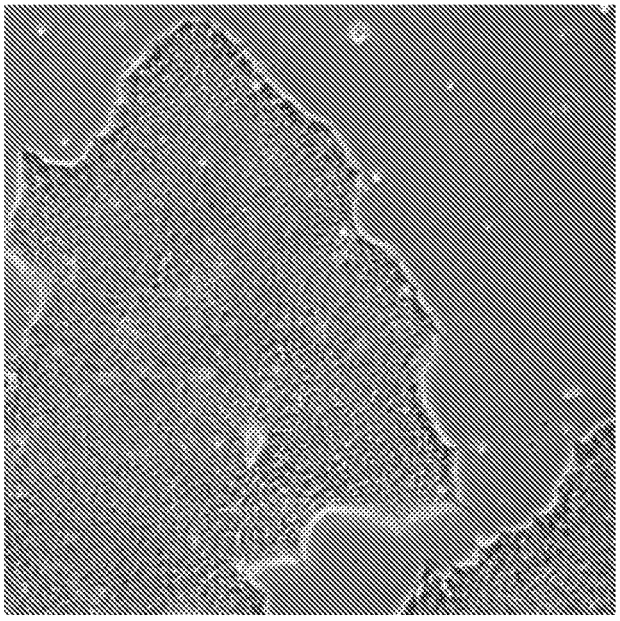


FIG. 11C

IH-1

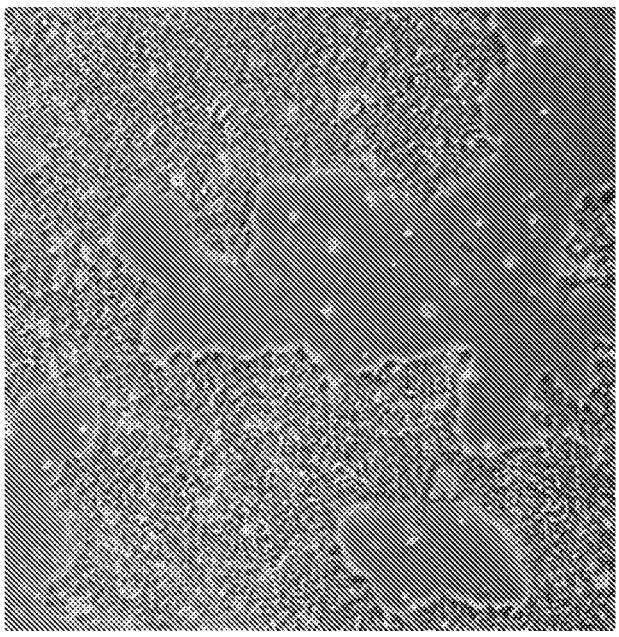


FIG. 11D

IH-3RT

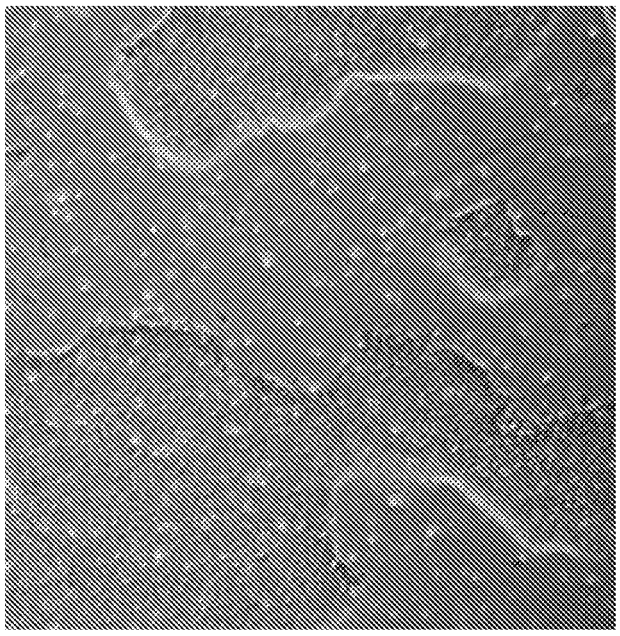


FIG. 12A

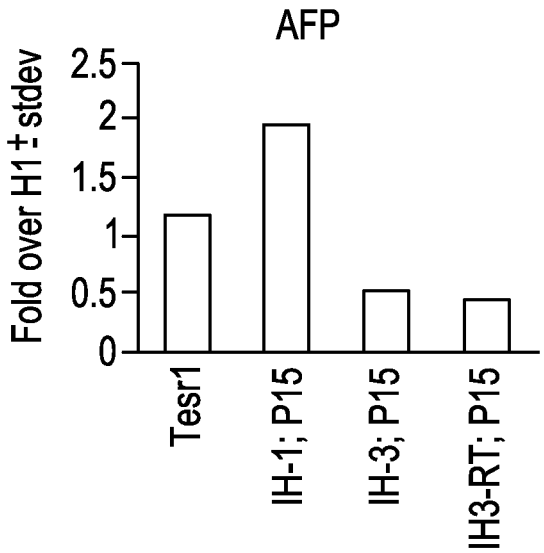


FIG. 12B

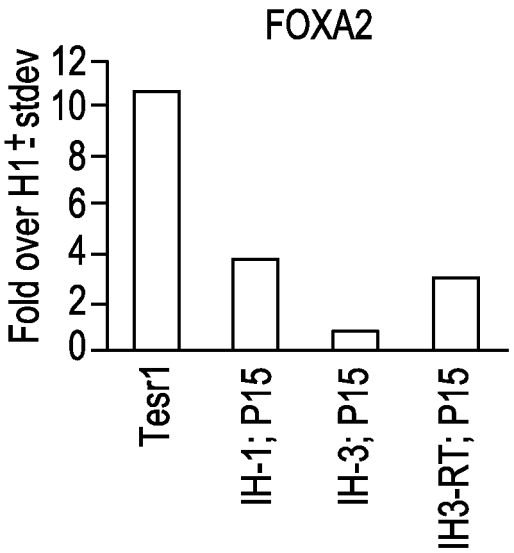


FIG. 12C

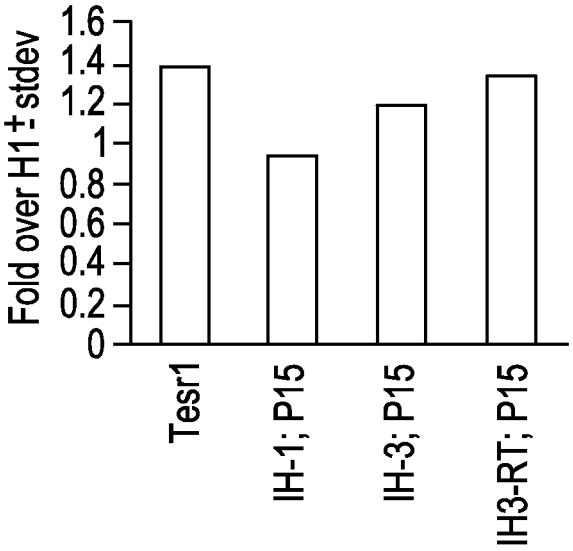


FIG. 12D

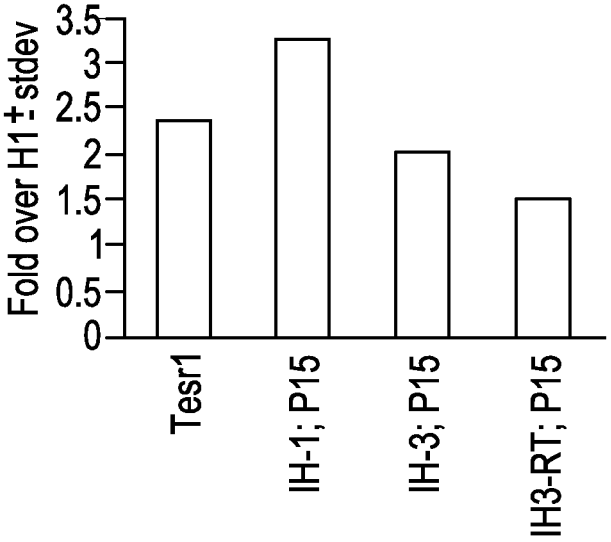


FIG. 12E

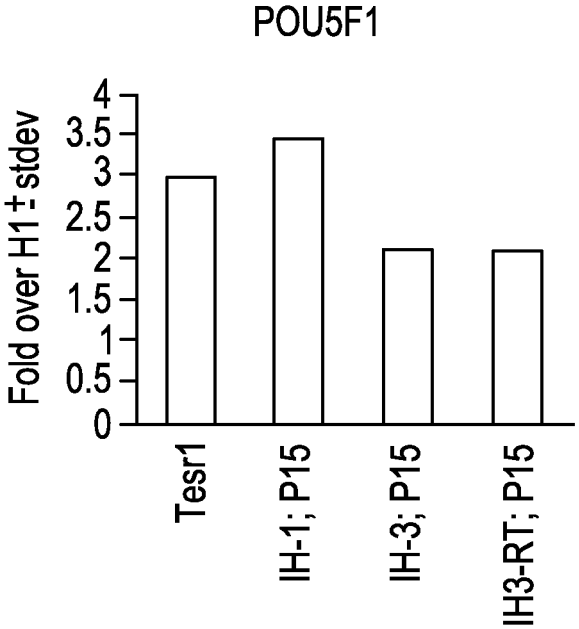


FIG. 12F

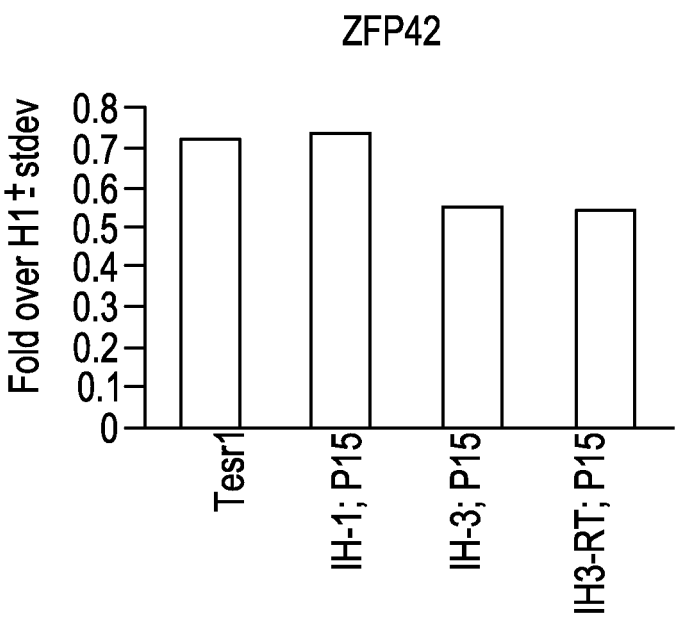


FIG. 13A

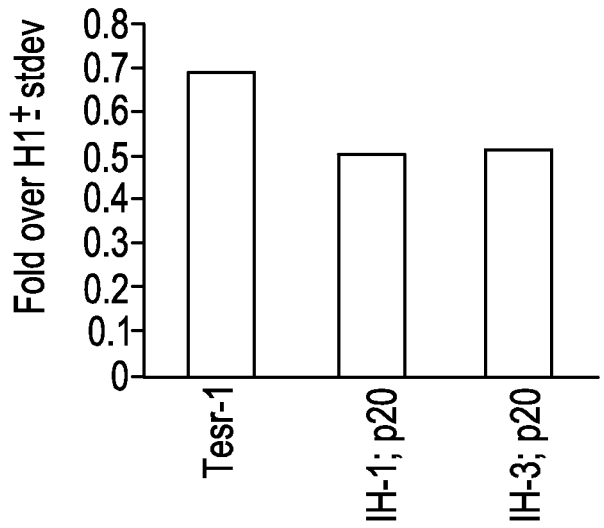


FIG. 13B

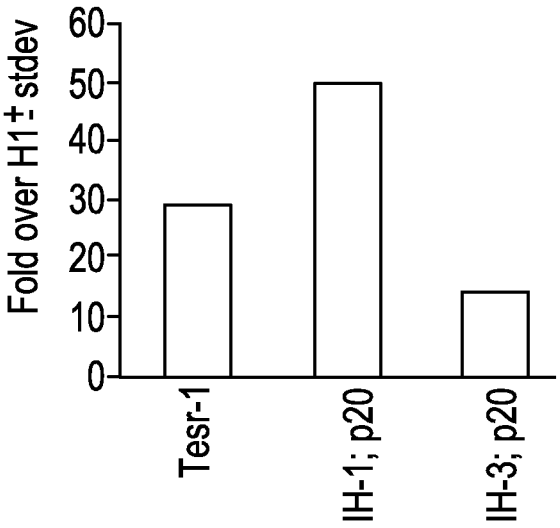


FIG. 13C

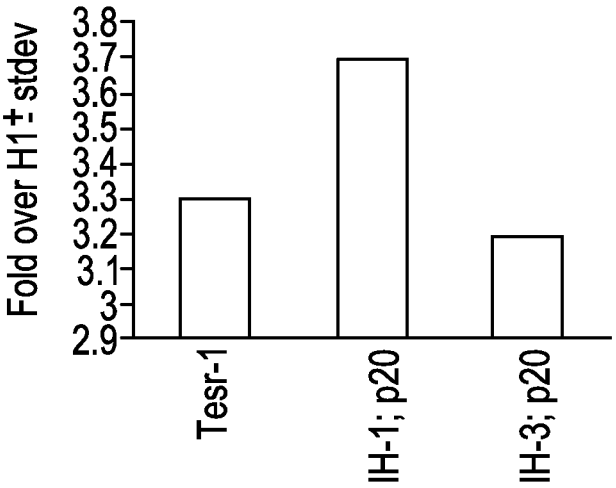


FIG. 13D

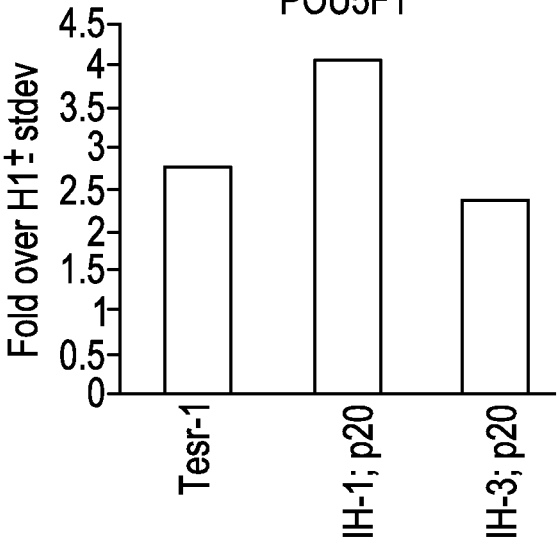


FIG. 13E

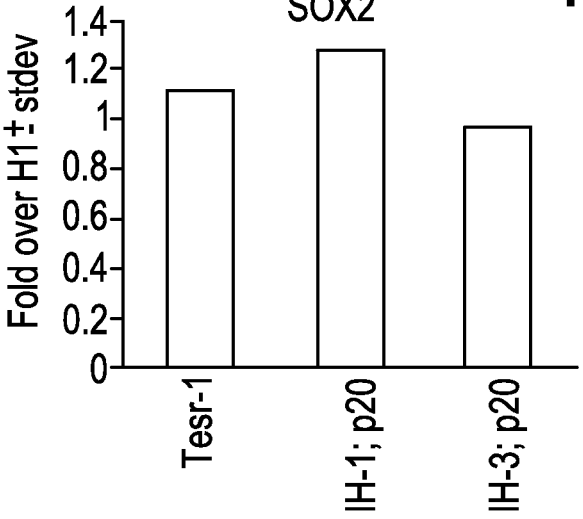


FIG. 13F

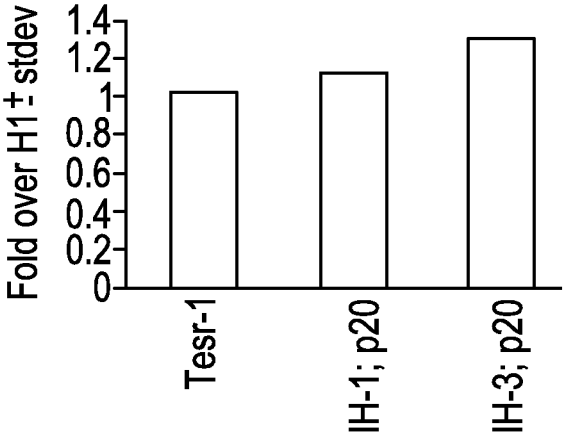


FIG. 14A

Sigma BSA – P0

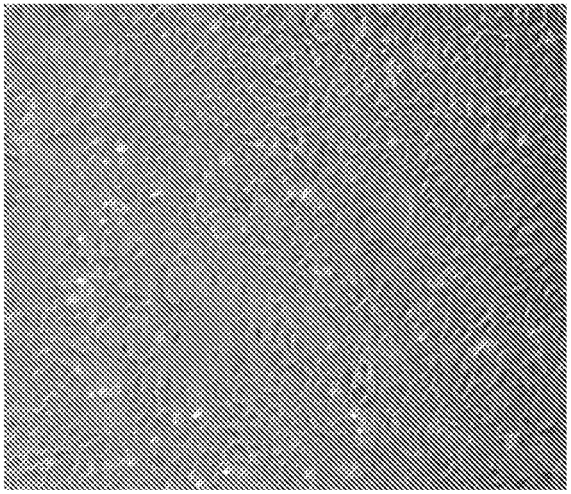


FIG. 14B

Fatty-acid free BSA – P0

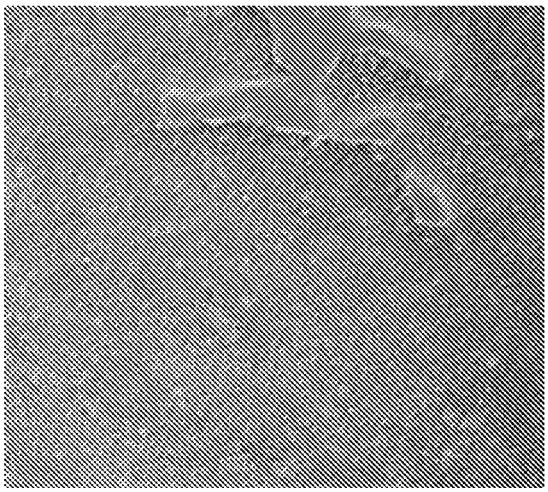


FIG. 15A

Sigma BSA – P3

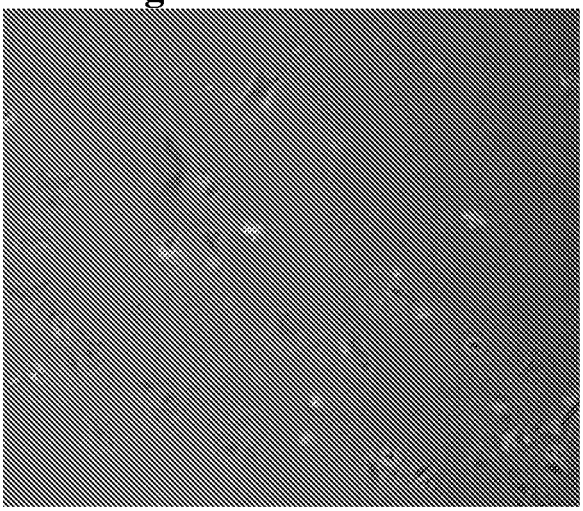


FIG. 15B

Fatty-acid free BSA – P3

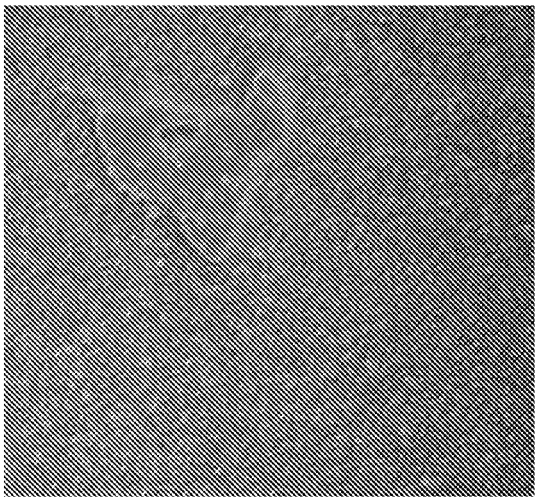


FIG. 16A

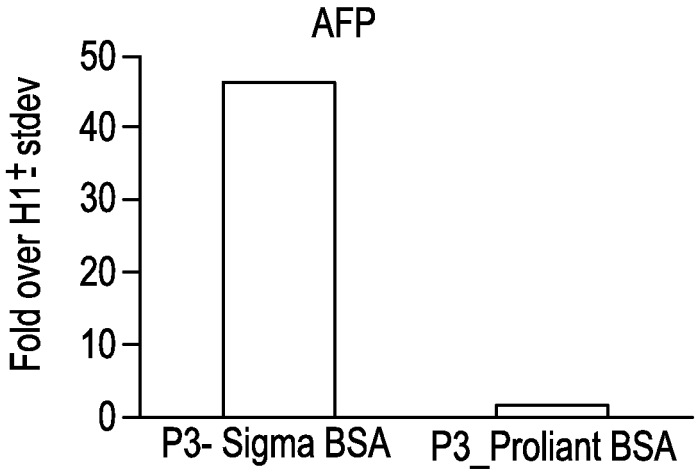


FIG. 16B

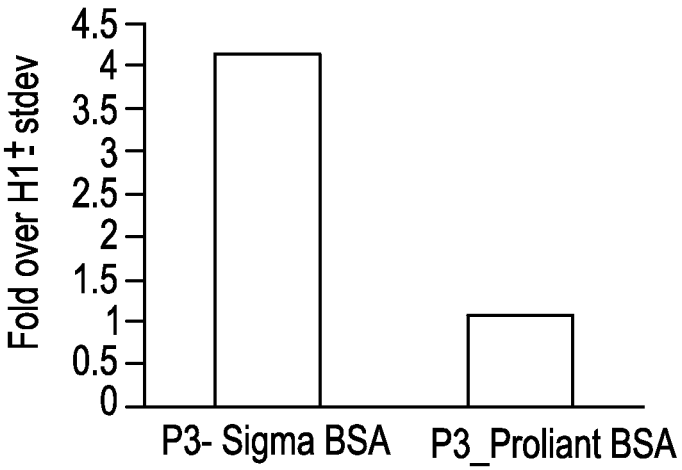


FIG. 16C

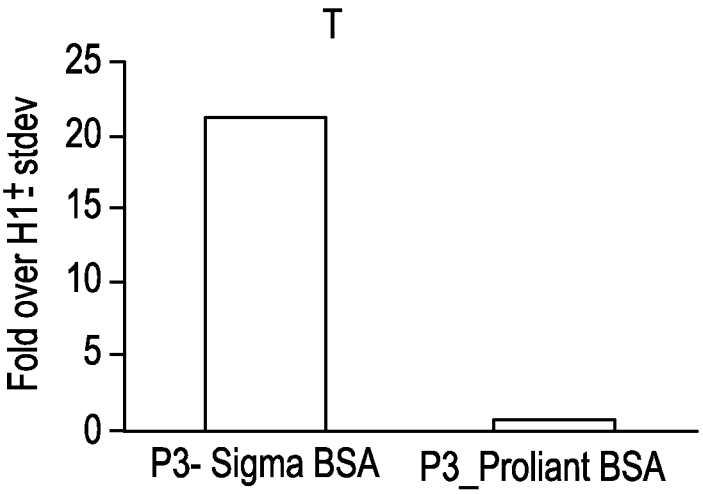


FIG. 17A

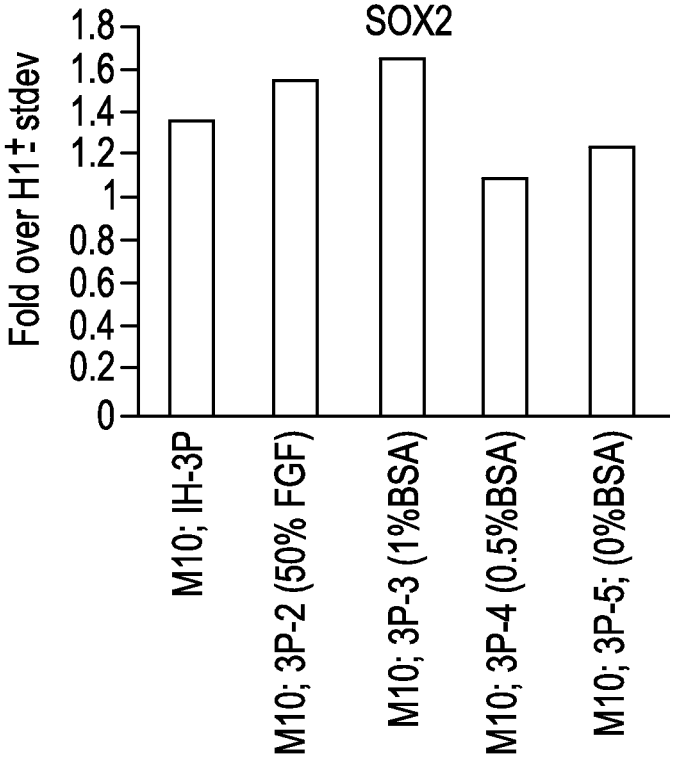


FIG. 17B

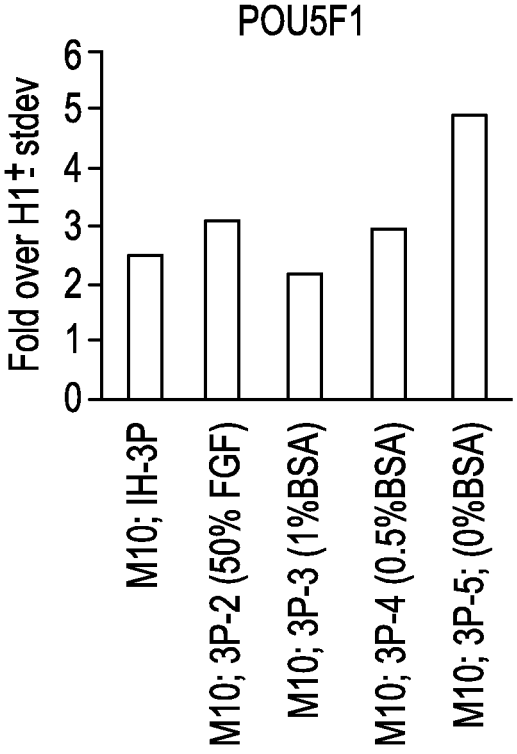


FIG. 17C

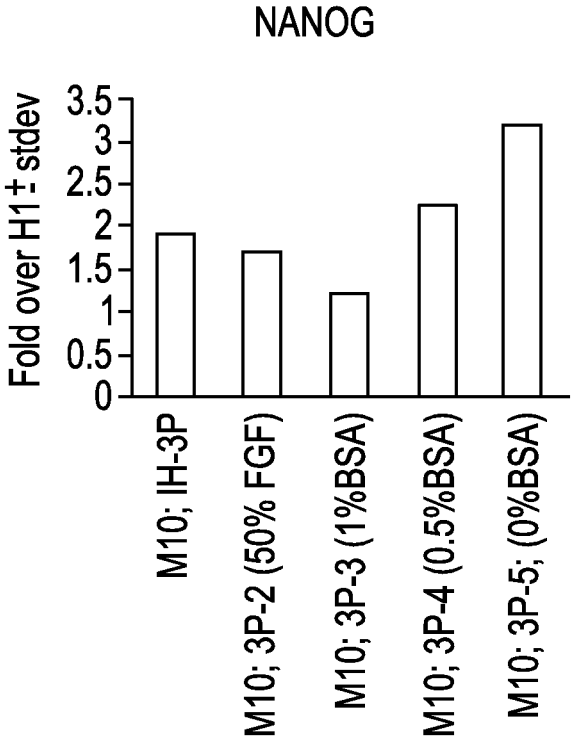


FIG. 17D

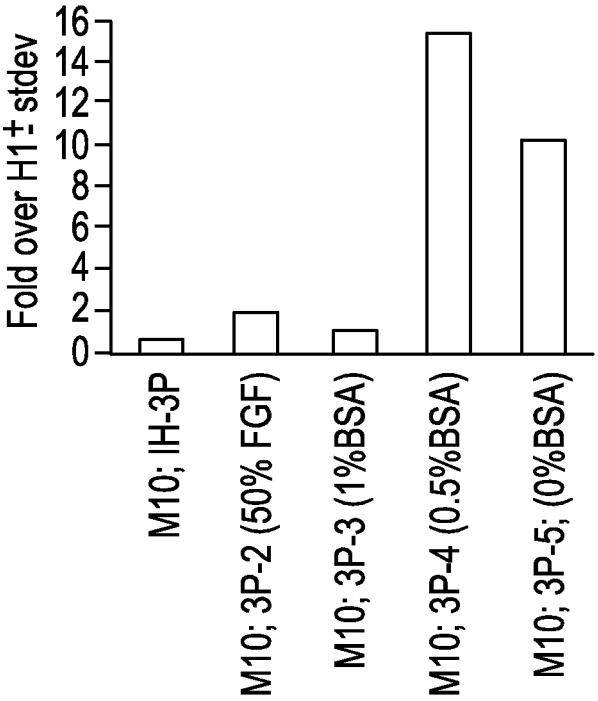


FIG. 18A

IH-3

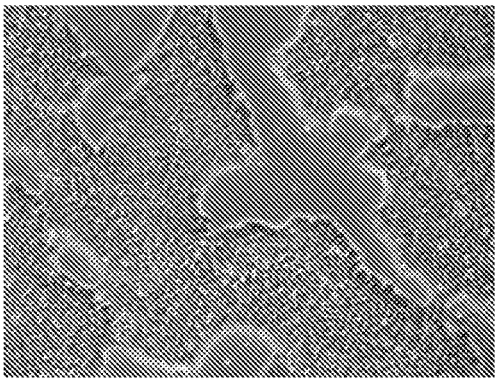


FIG. 18B

IH-3P-2

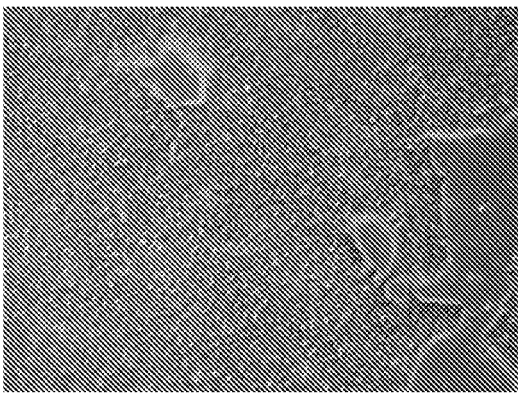


FIG. 18C

IH-3P-3

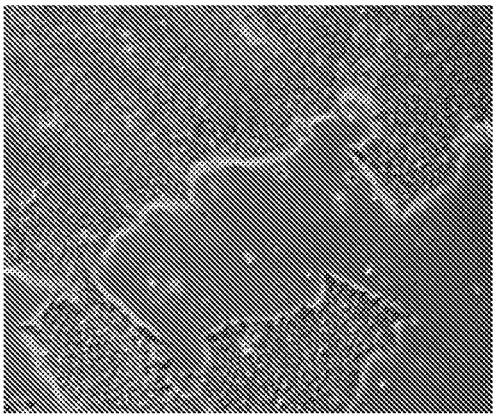


FIG. 18D

IH-3P-4

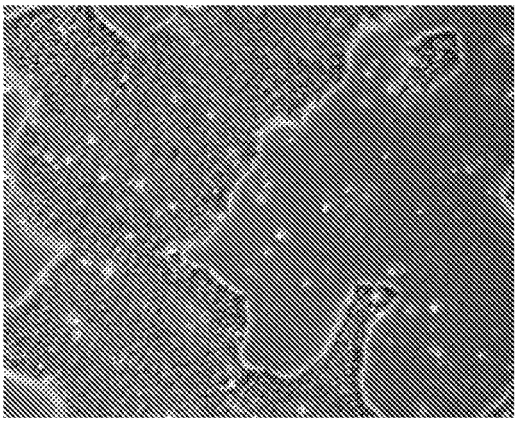


FIG. 18E

IH-3P-5

