

FIG. 1A

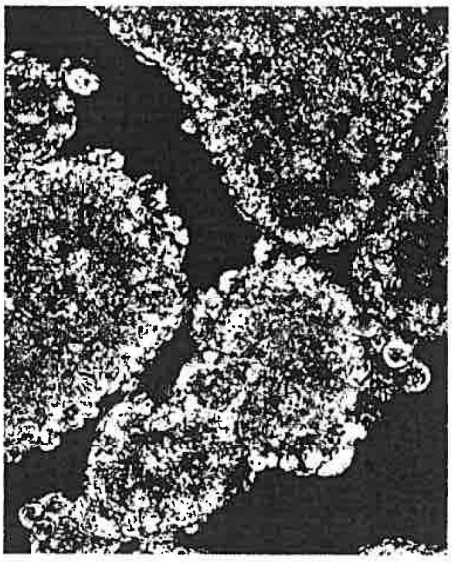


FIG. 1B

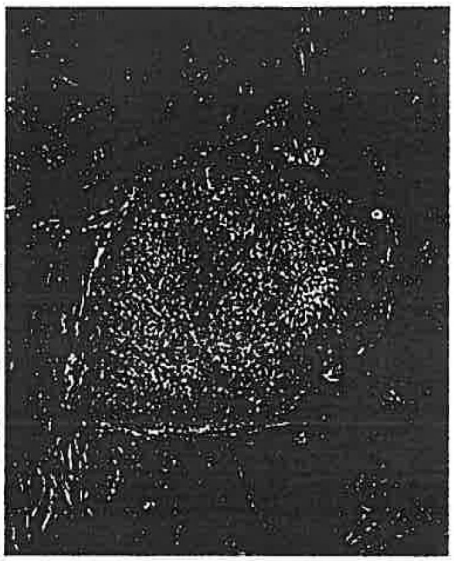


FIG. 1C

FIG. 2A

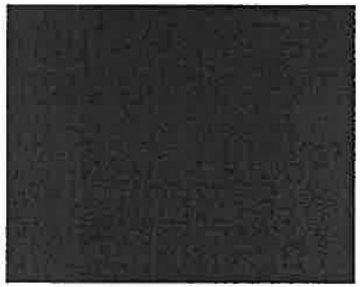


FIG. 2C

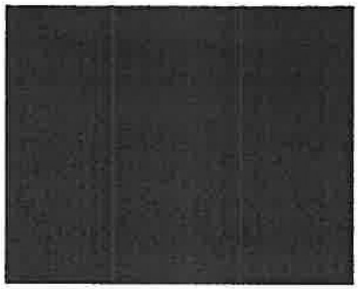


FIG. 2B

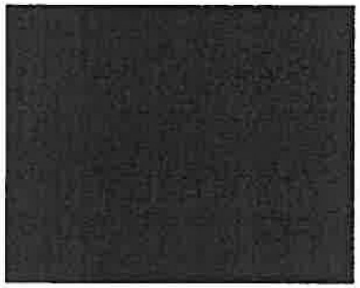


FIG. 2D

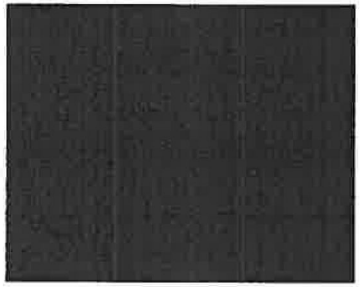




FIG. 3A

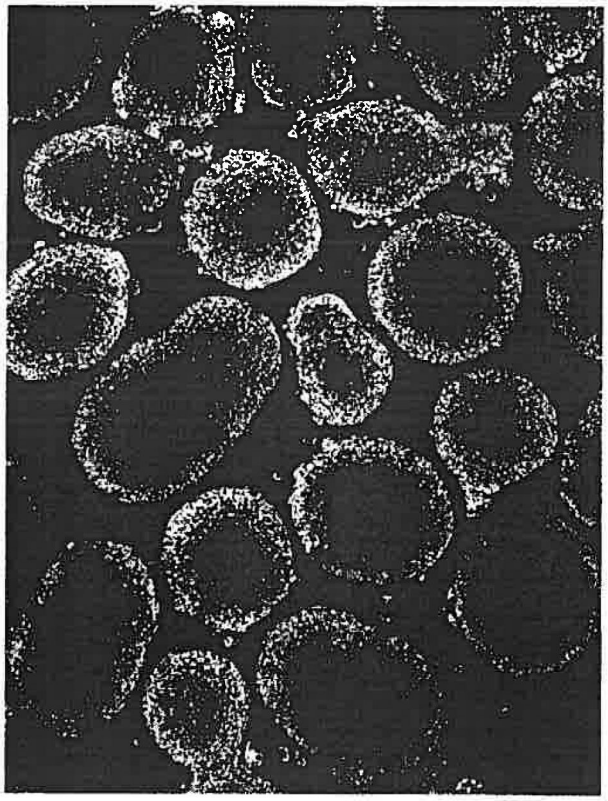


FIG. 3B



FIG. 3C

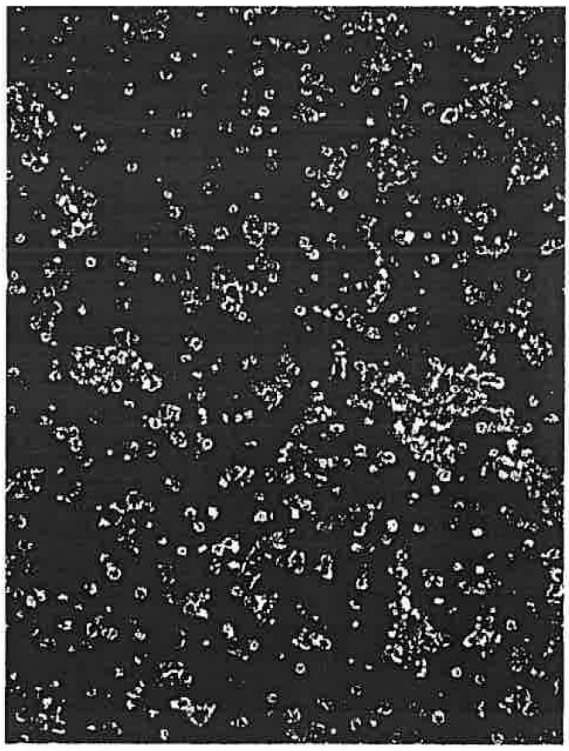


FIG. 4A

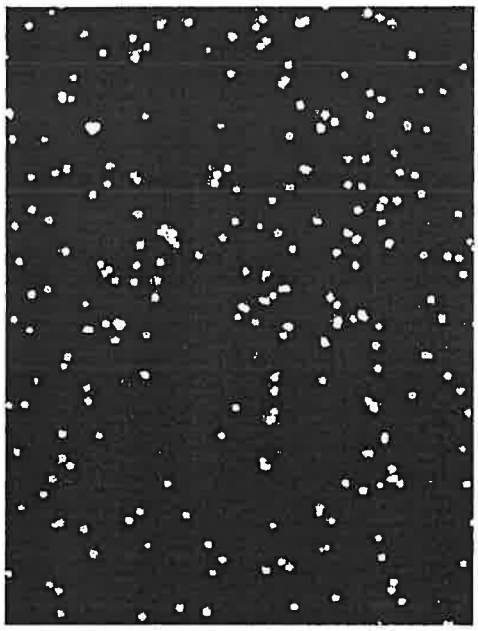


FIG. 4B



FIG. 5C



FIG. 5B



FIG. 5A

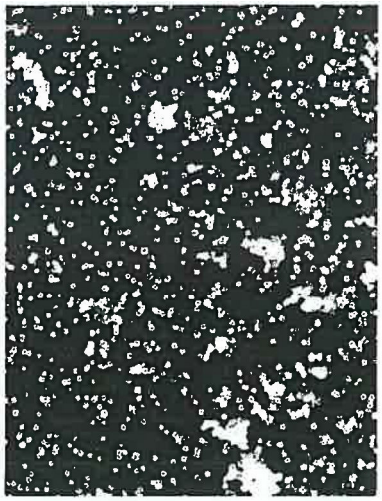


FIG. 6C



FIG. 6B



FIG. 6A



FIG. 7A FIG. 7B FIG. 7C

FIG. 8A

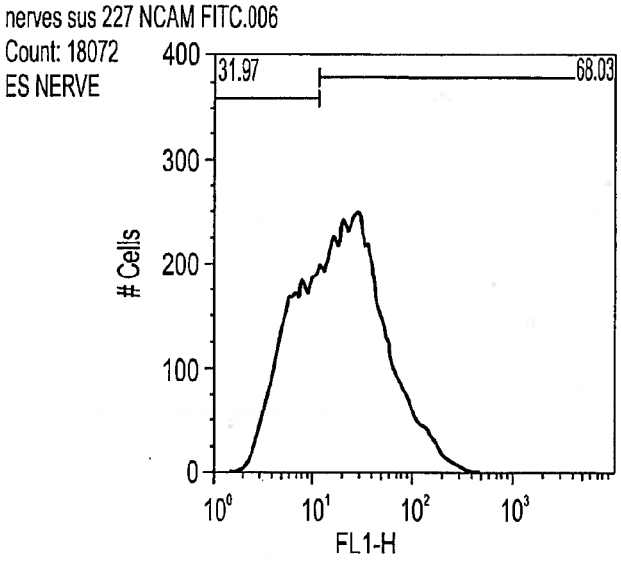
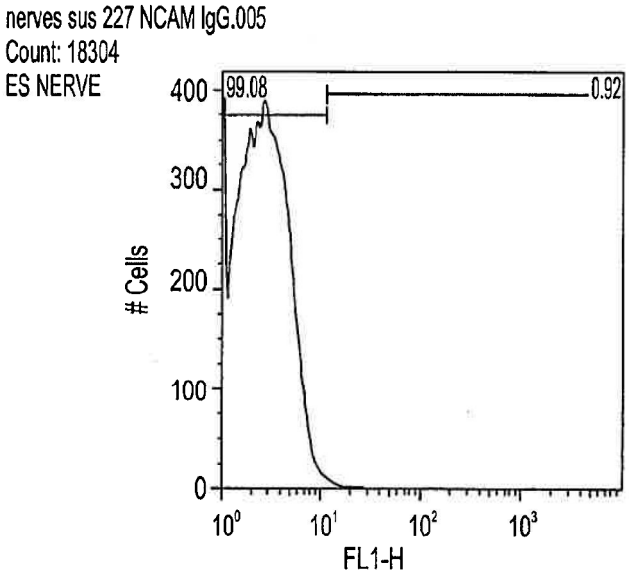

nerves sus 227 NCAM FITC.006
Count: 18072
ES NERVE
31.97
68.03
400
300
200
100
0
Cells
10^0
10^1
10^2
10^3
FL1-H

FIG. 8B


nerves sus 227 NCAM IgG.005
Count: 18304
ES NERVE
99.08
0.92
400
300
200
100
0
Cells
10^0
10^1
10^2
10^3
FL1-H

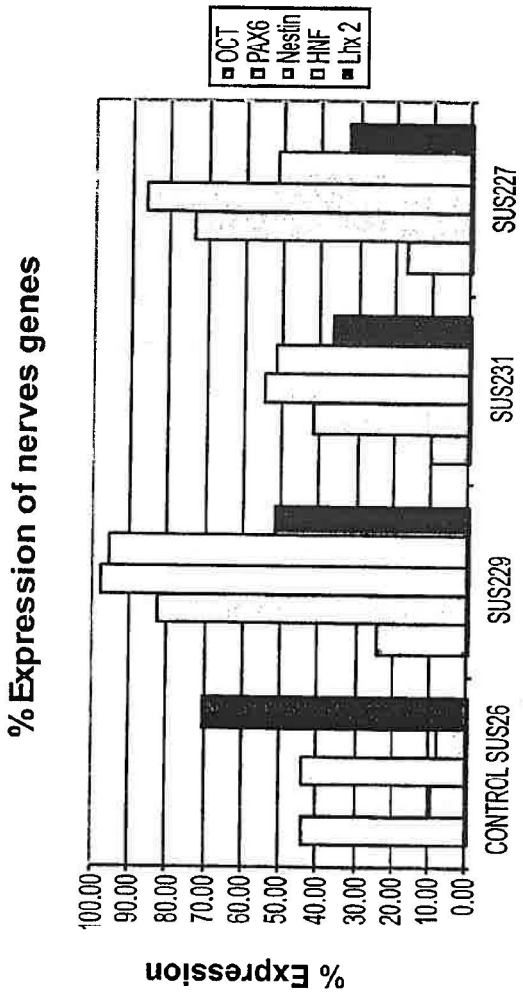

% Expression of nerves genes
% Expression
100.00
90.00
80.00
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
CONTROL
SUS26
SUS229
SUS231
SUS227
OCT
PAX6
Nestin
HNF
Lhx 2

FIG. 9A

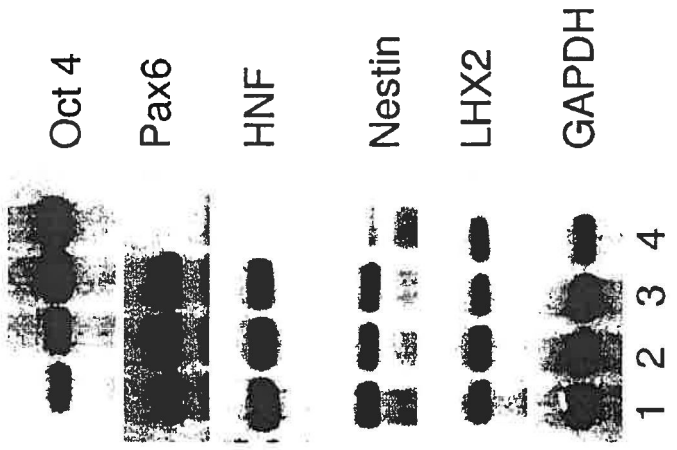


FIG. 9B

FIG. 9C

FIG. 9D

FIG. 9E

FIG. 9F

FIG. 9G

PDX1 Green

DAPI blue

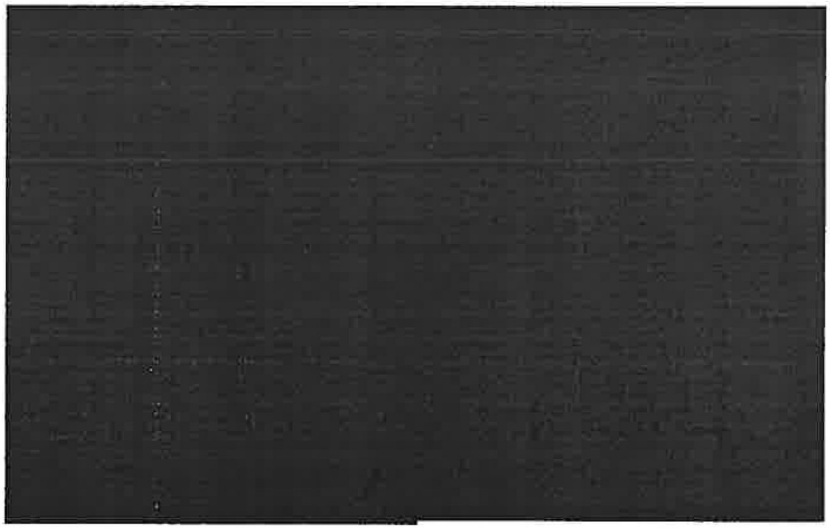


FIG. 10A

FIG. 10B



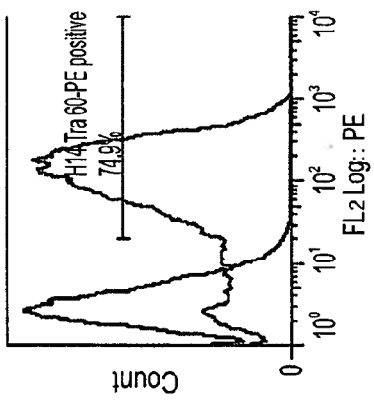
FIG. 11B



FIG. 11A

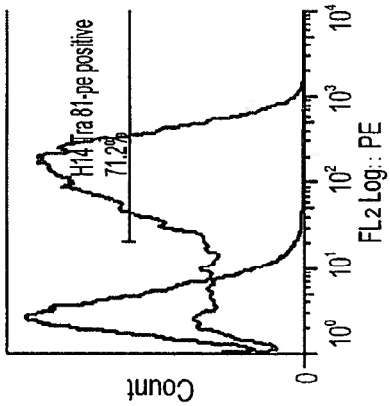
TRA1-60, 2D

FIG. 12A



TRA1-81, 2D

FIG. 12B



TRA1-60, suspension clumps

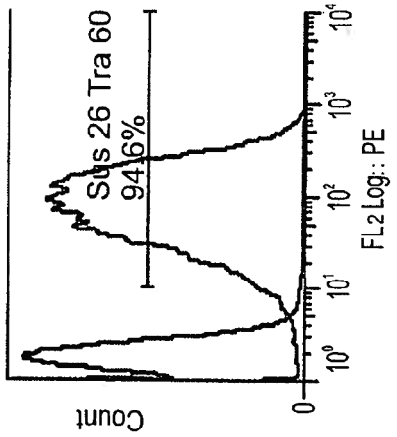


FIG. 12C

TRA1-81, suspension clumps

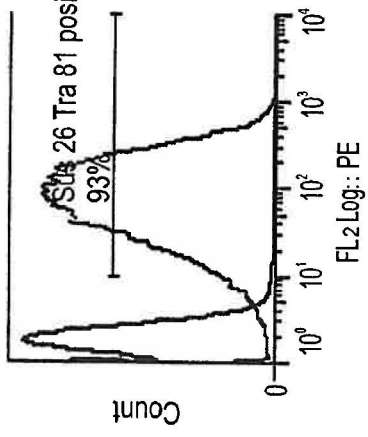


FIG. 12D

TRA1-60, suspension single cells

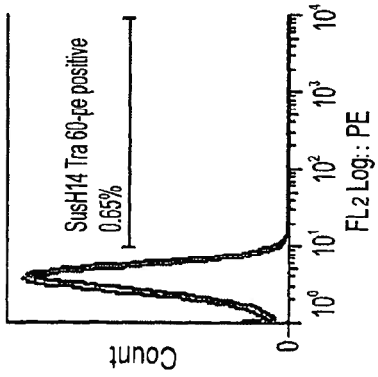


FIG. 12E

TRA1-81, suspension single cells

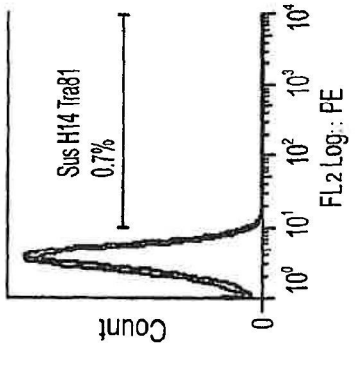


FIG. 12F

SSEA1 suspension clumps

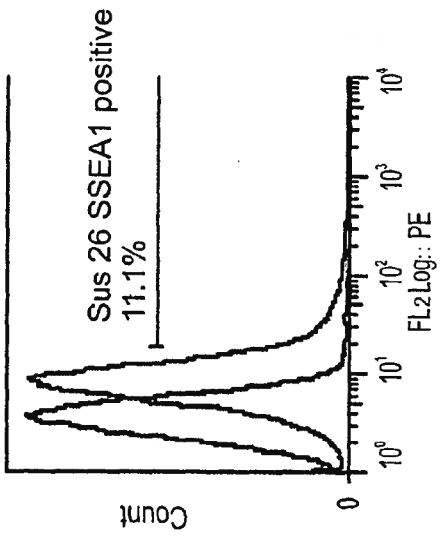


FIG. 12G

SSEA4 suspension clumps

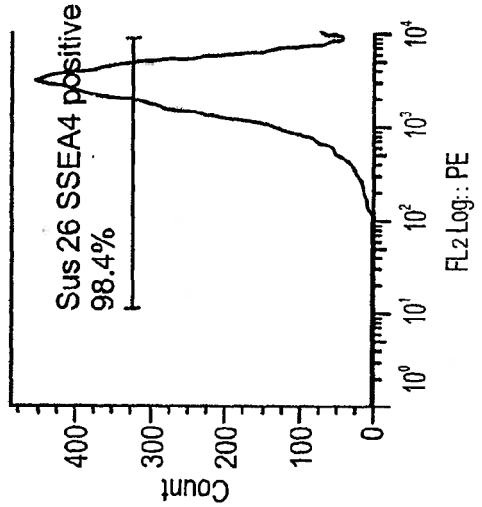


FIG. 12H

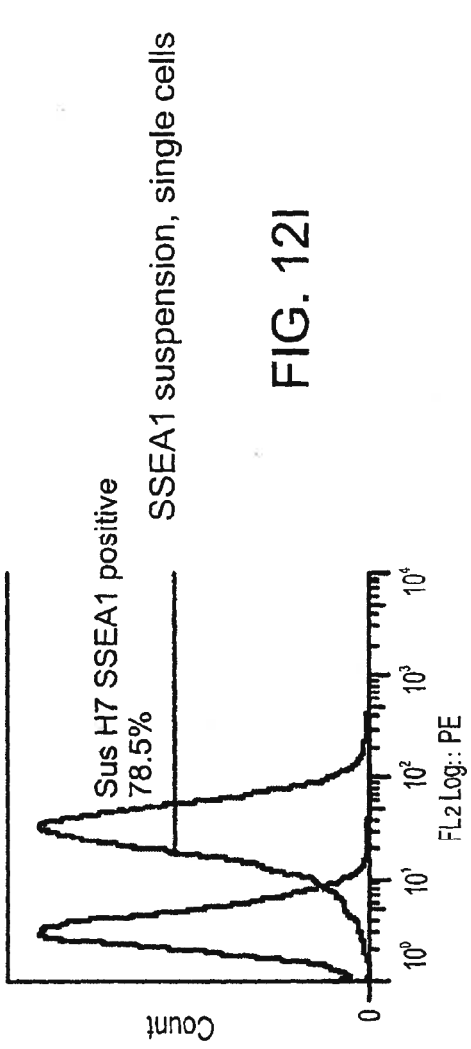


FIG. 12I

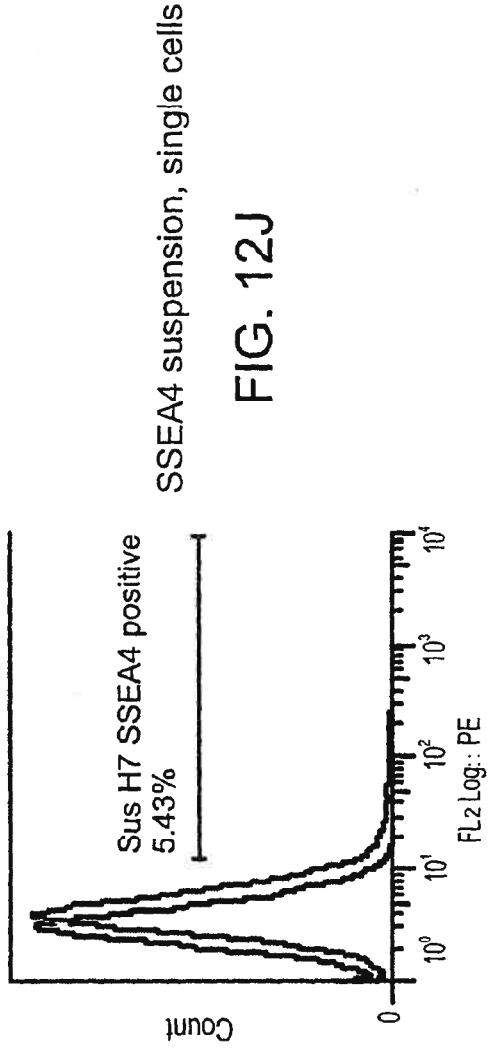


FIG. 12J

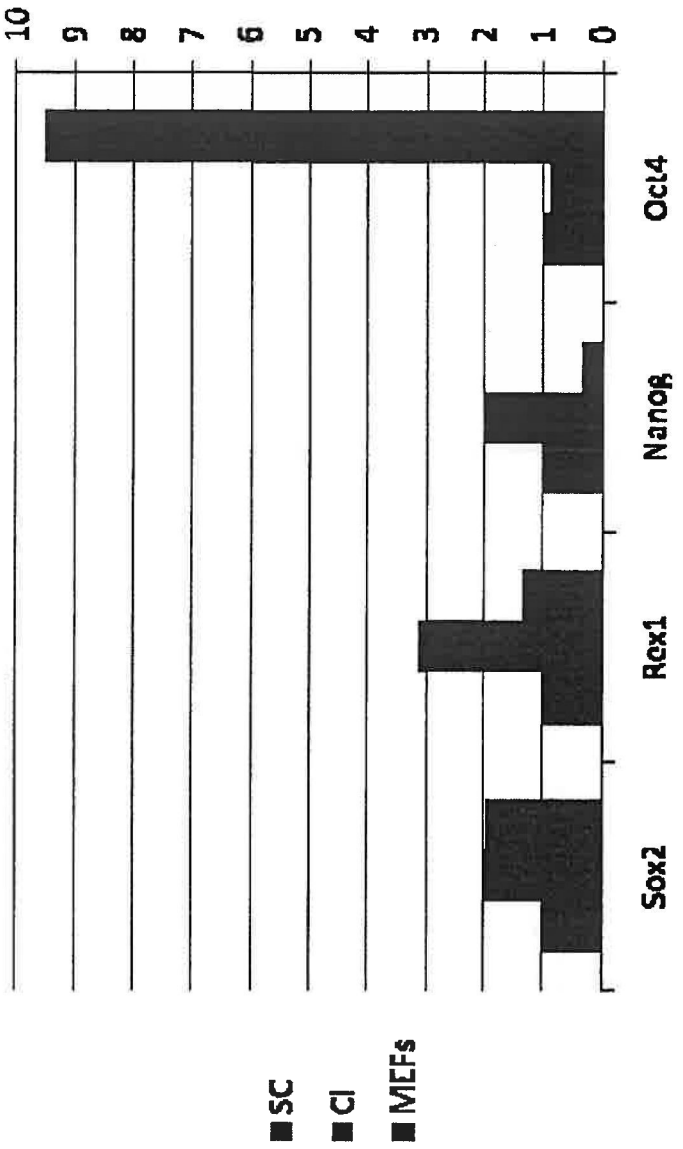


FIG. 13A

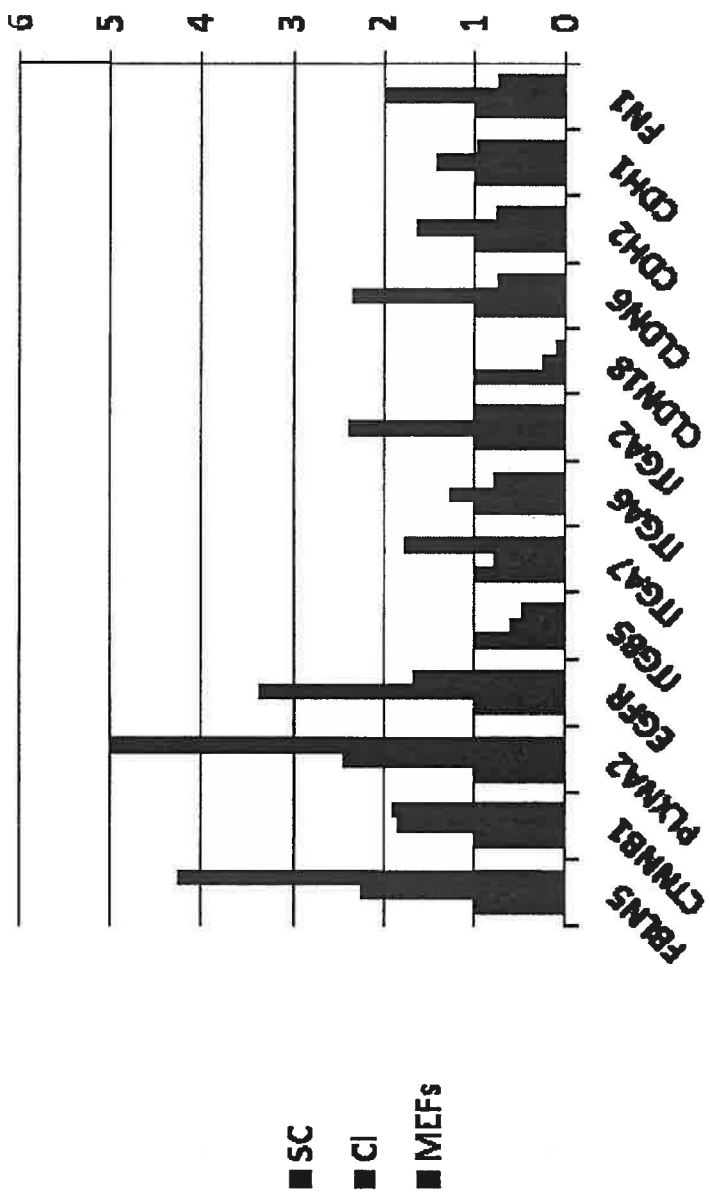

6
5
4
3
2
1
0
FBLN5
CTNNB1
PLXNA2
EGFR
ITGB5
ITGA7
ITGA6
ITGA2
CLDN18
CLDN6
CDH2
CDH1
FN1
SC
CI
MEFs

FIG. 13B



FIG. 14

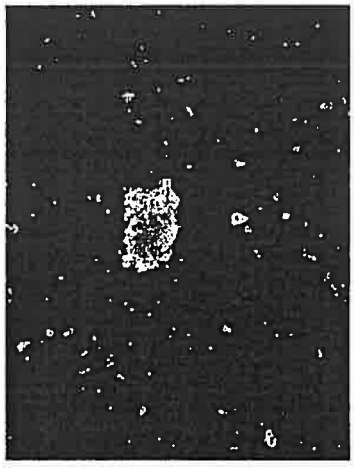


FIG. 15



FIG. 16B

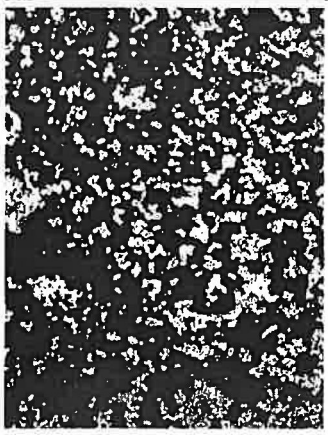


FIG. 16A

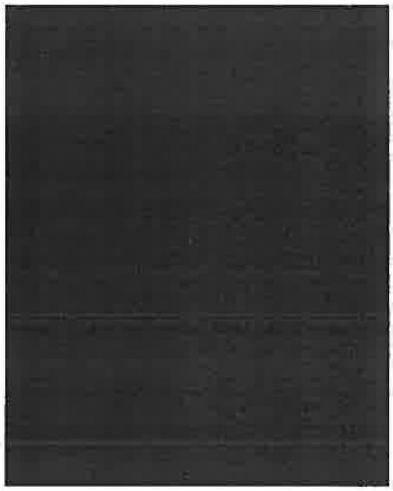


FIG. 17B



FIG. 17C



FIG. 17A

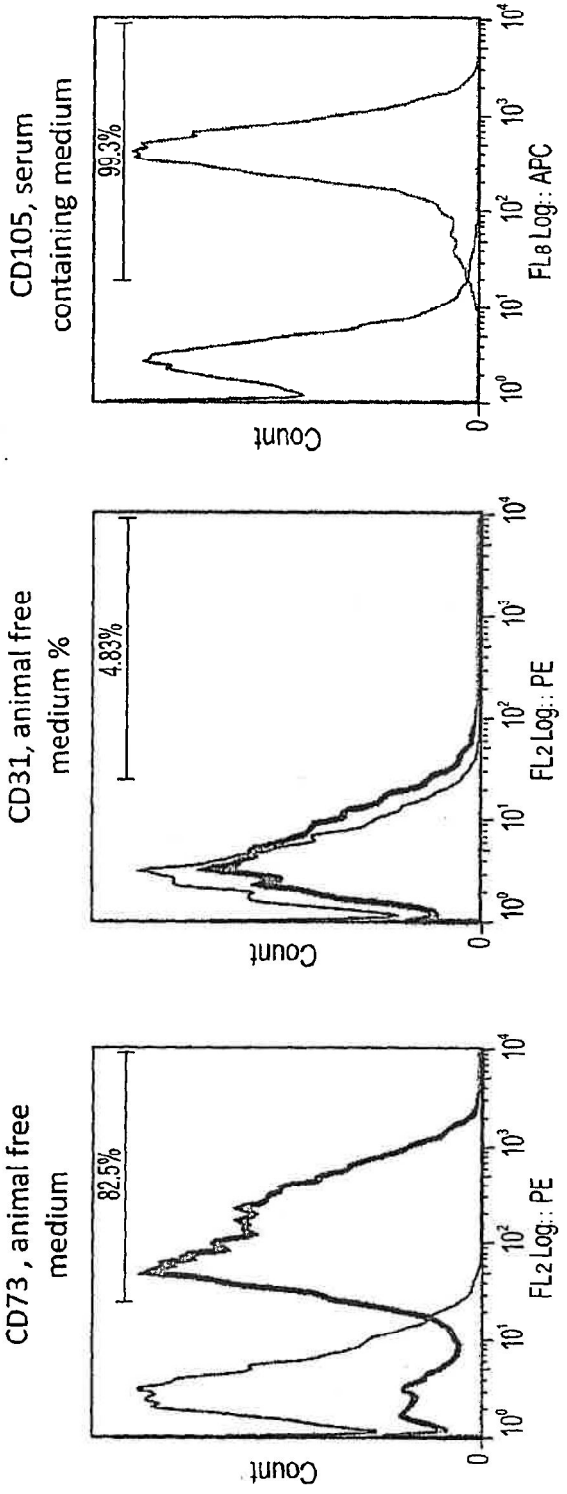


FIG. 18A

FIG. 18B

FIG. 18C



FIG. 19B



FIG. 19D



FIG. 19A



FIG. 19C



FIG. 20B

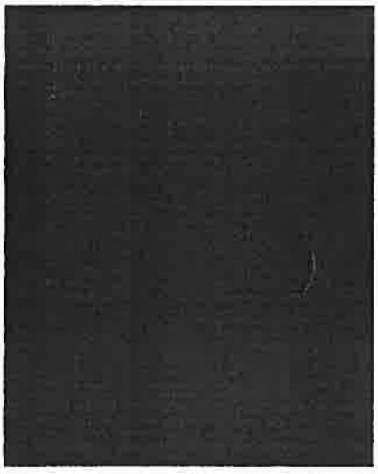


FIG. 20A