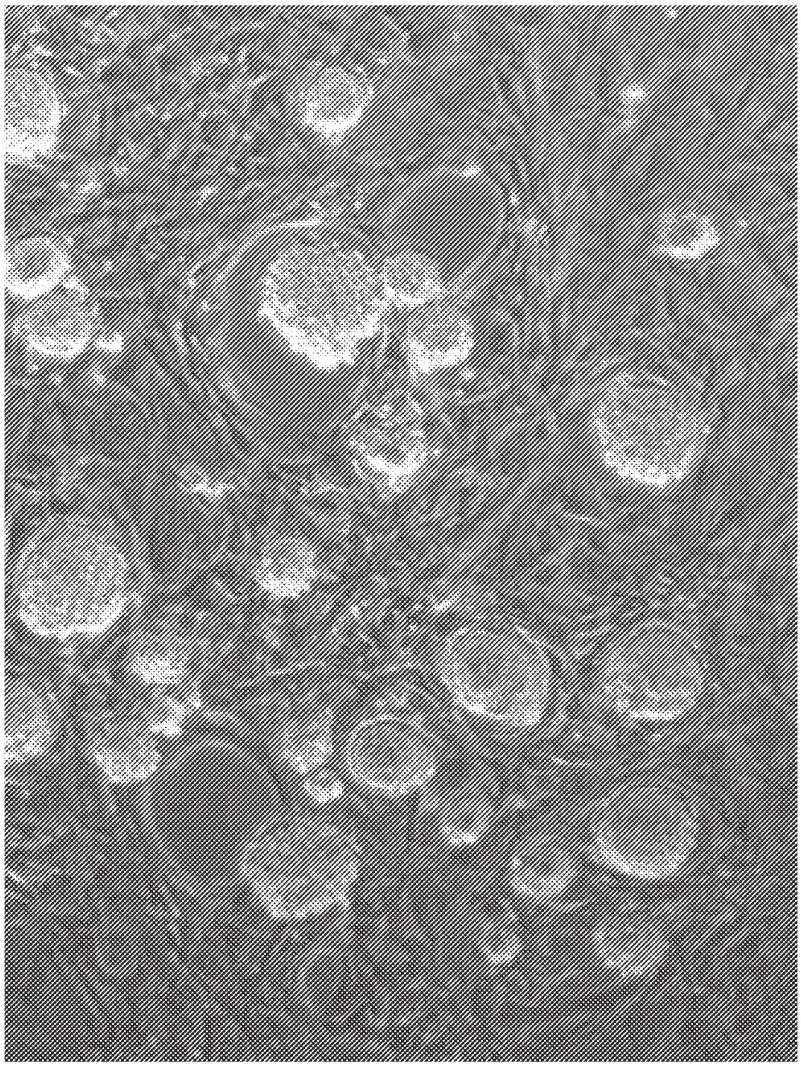


FIG. 1

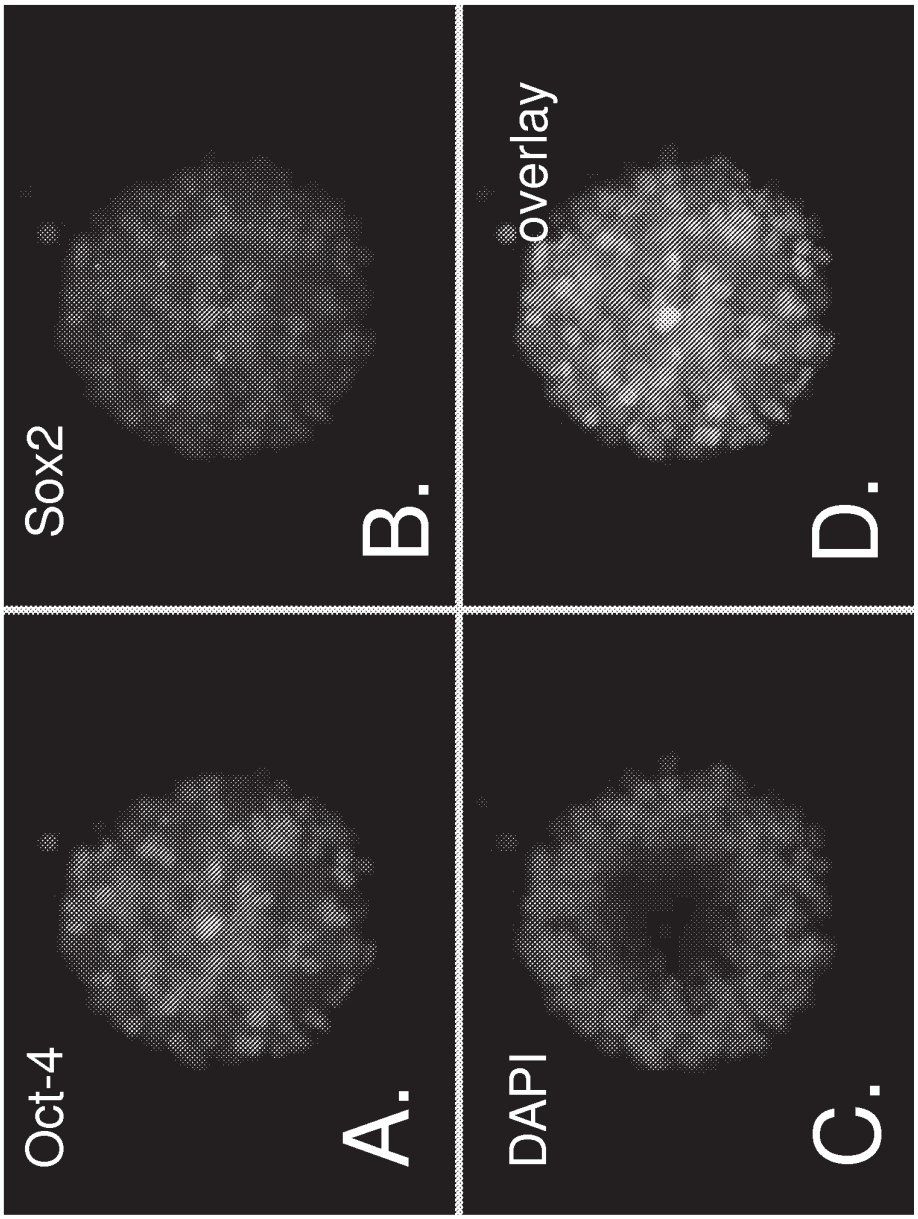


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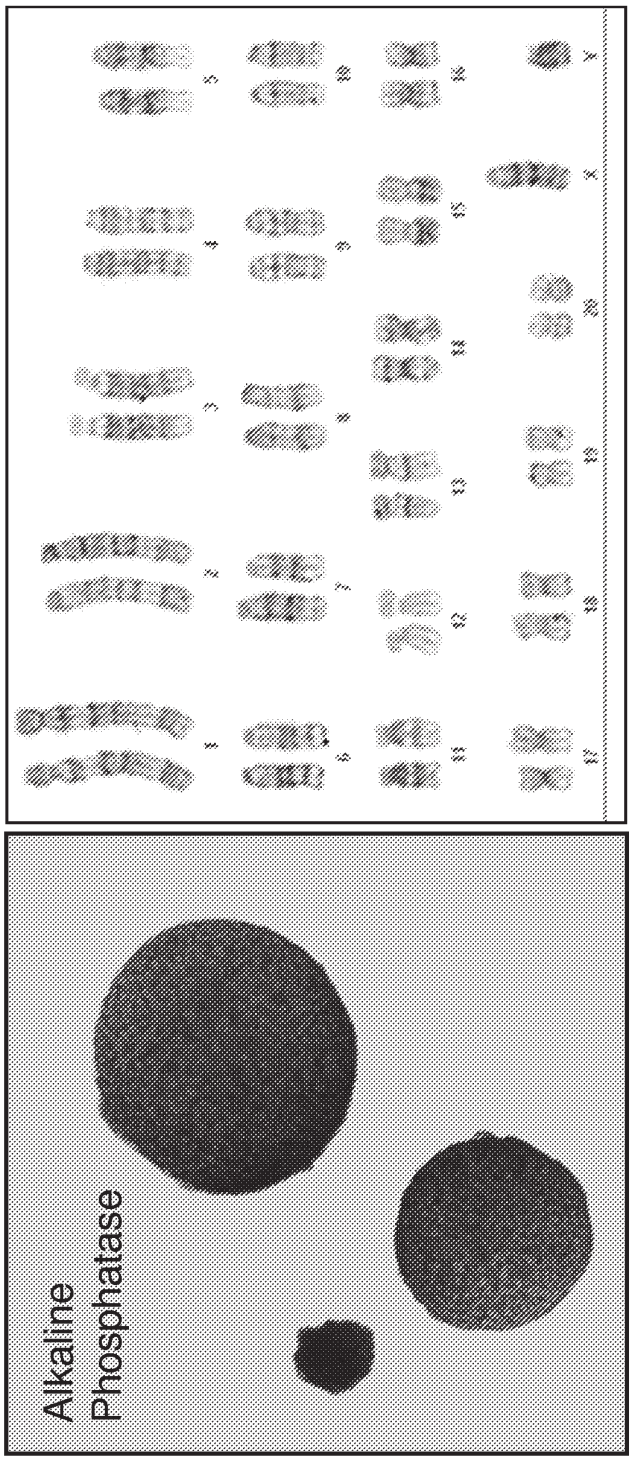


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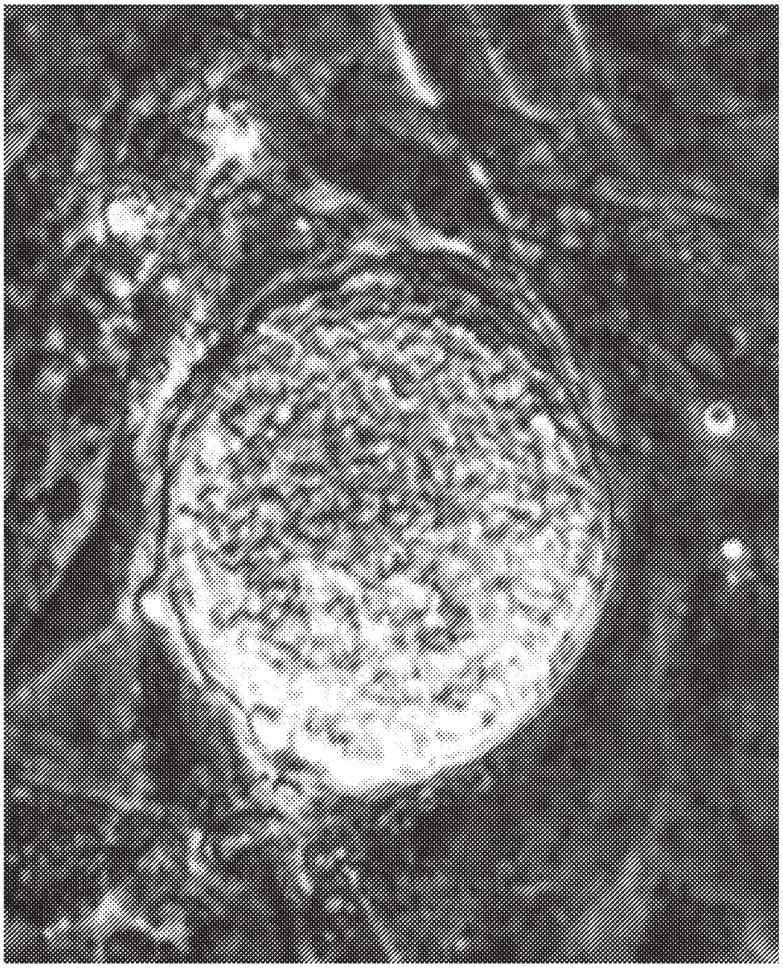


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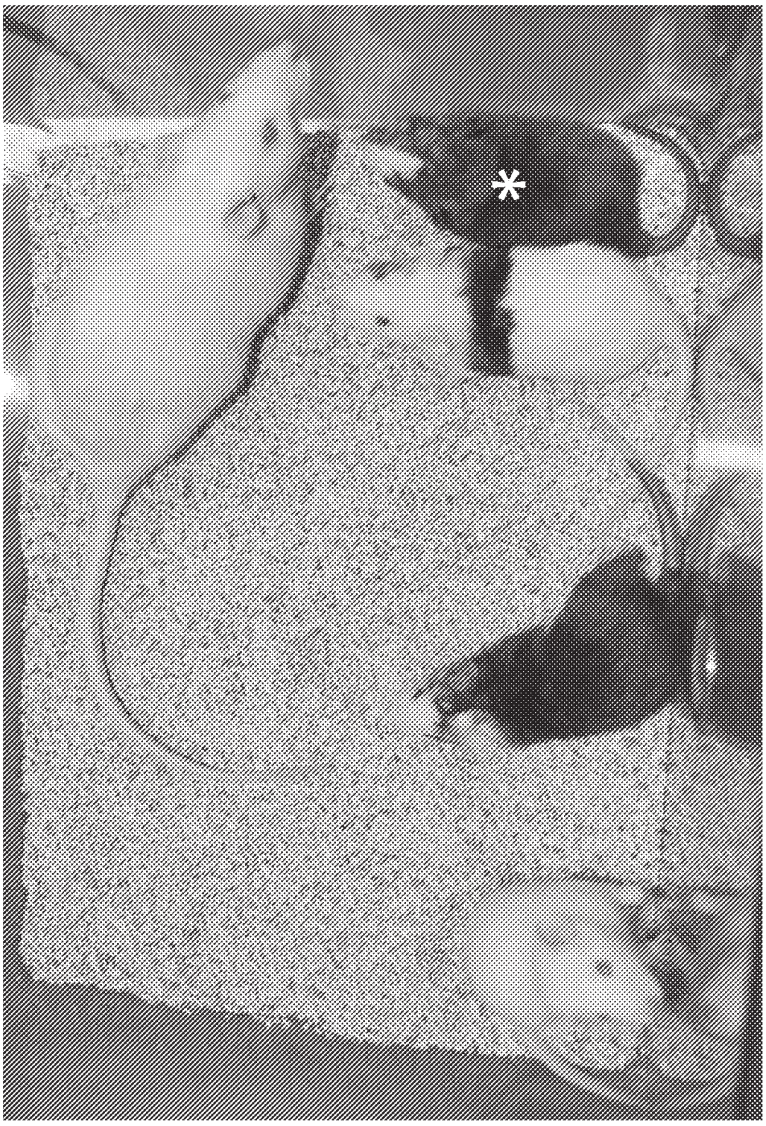


FIG. 5



FIG. 6

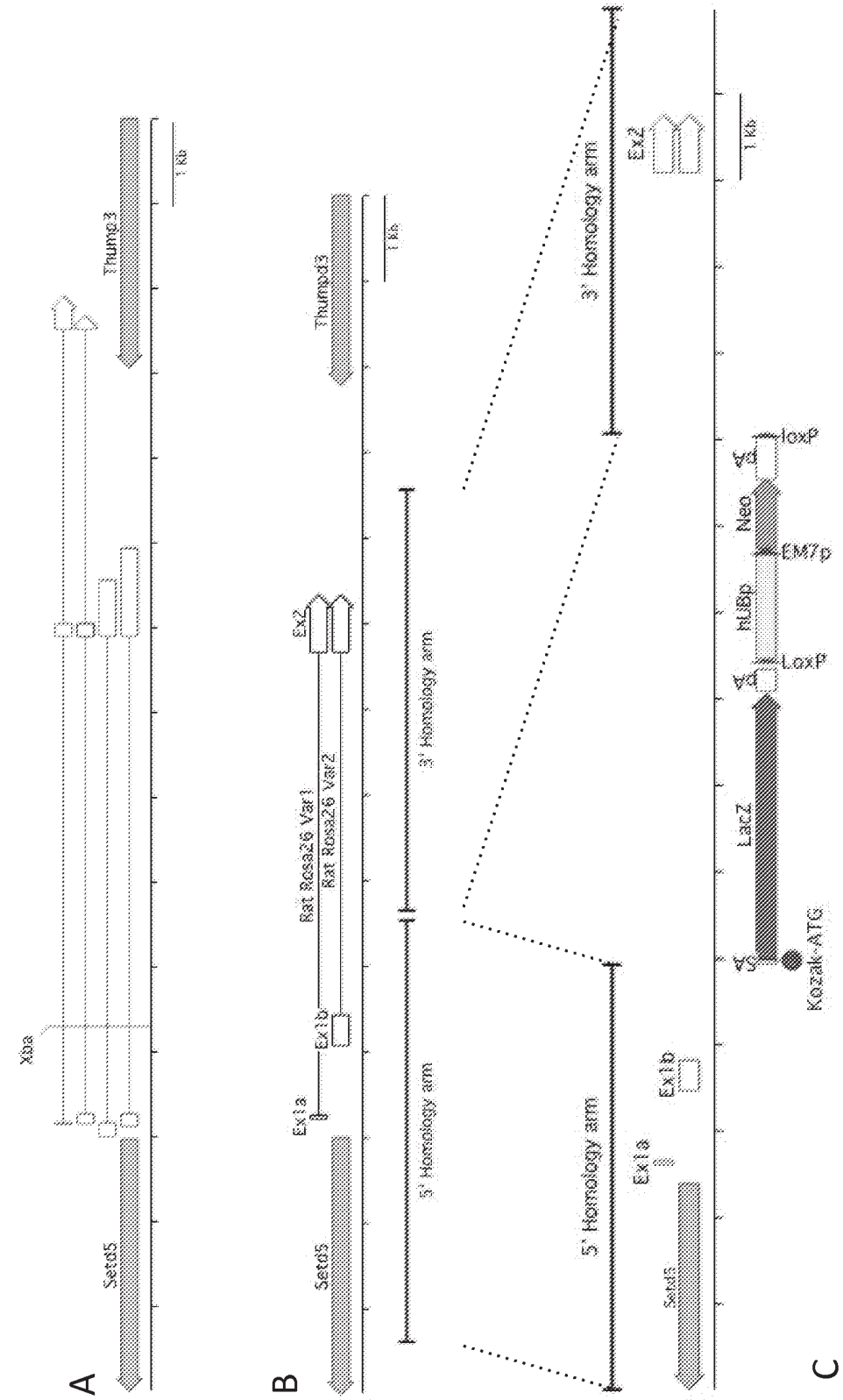

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Thumpd3
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B
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Ex1b
Rat Rosa26 Var1
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Ex2
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1 Kb
5' Homology arm
3' Homology arm
C
5' Homology arm
3' Homology arm
Ex1a
Ex1b
Ex2
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Neo
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FIG. 7

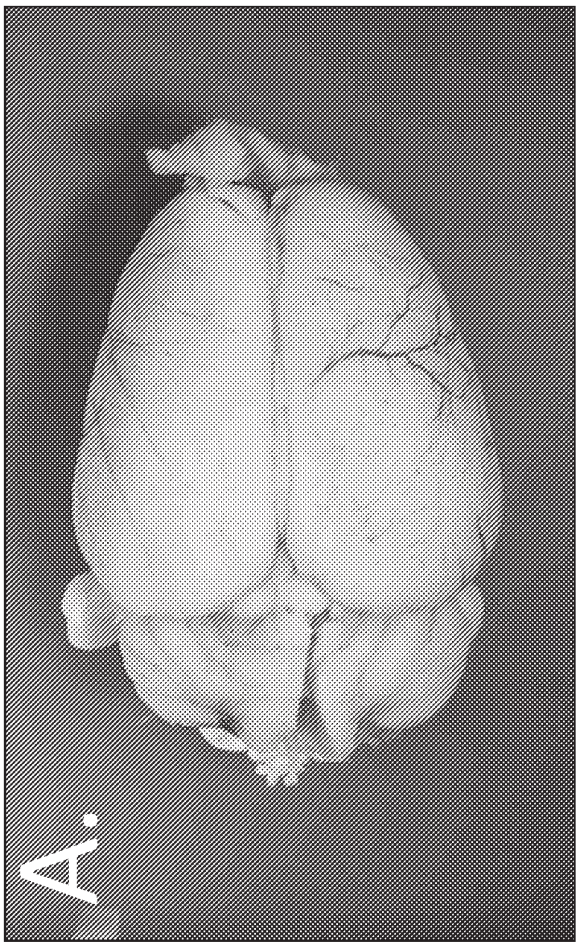


FIG. 8A

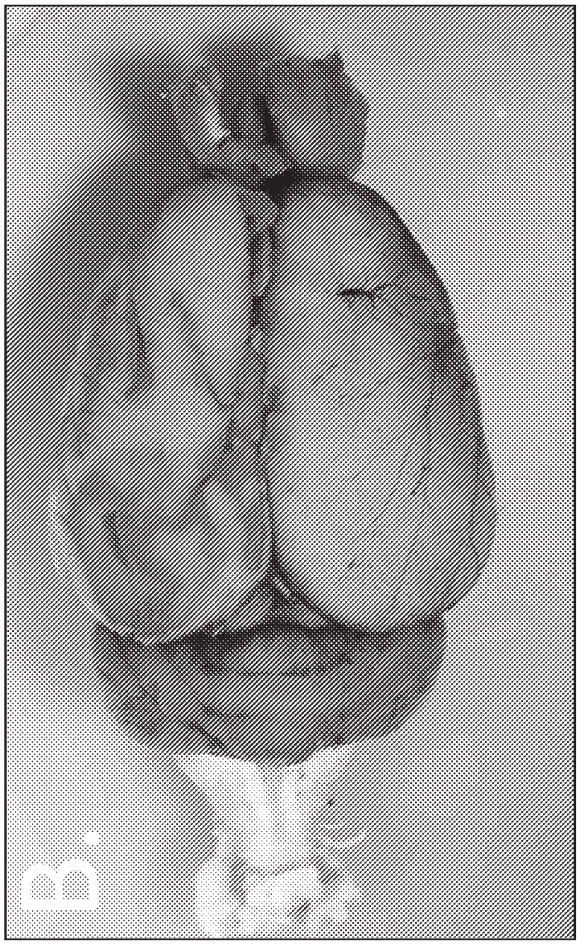


FIG. 8B

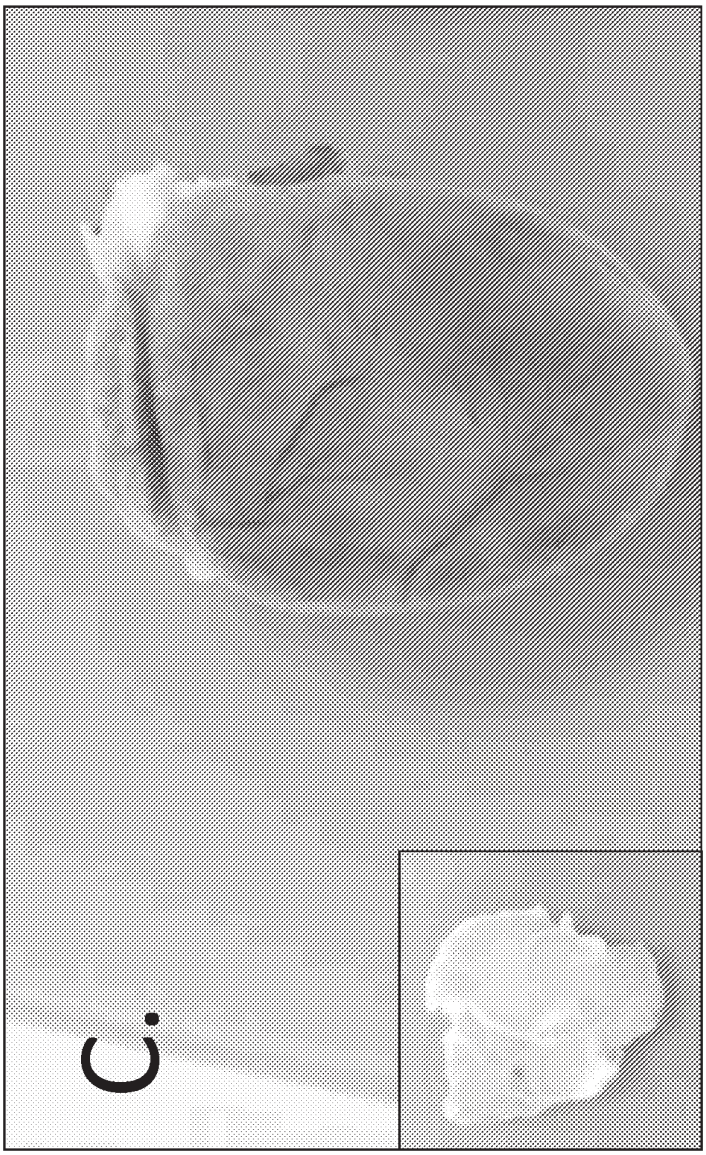


FIG. 8C

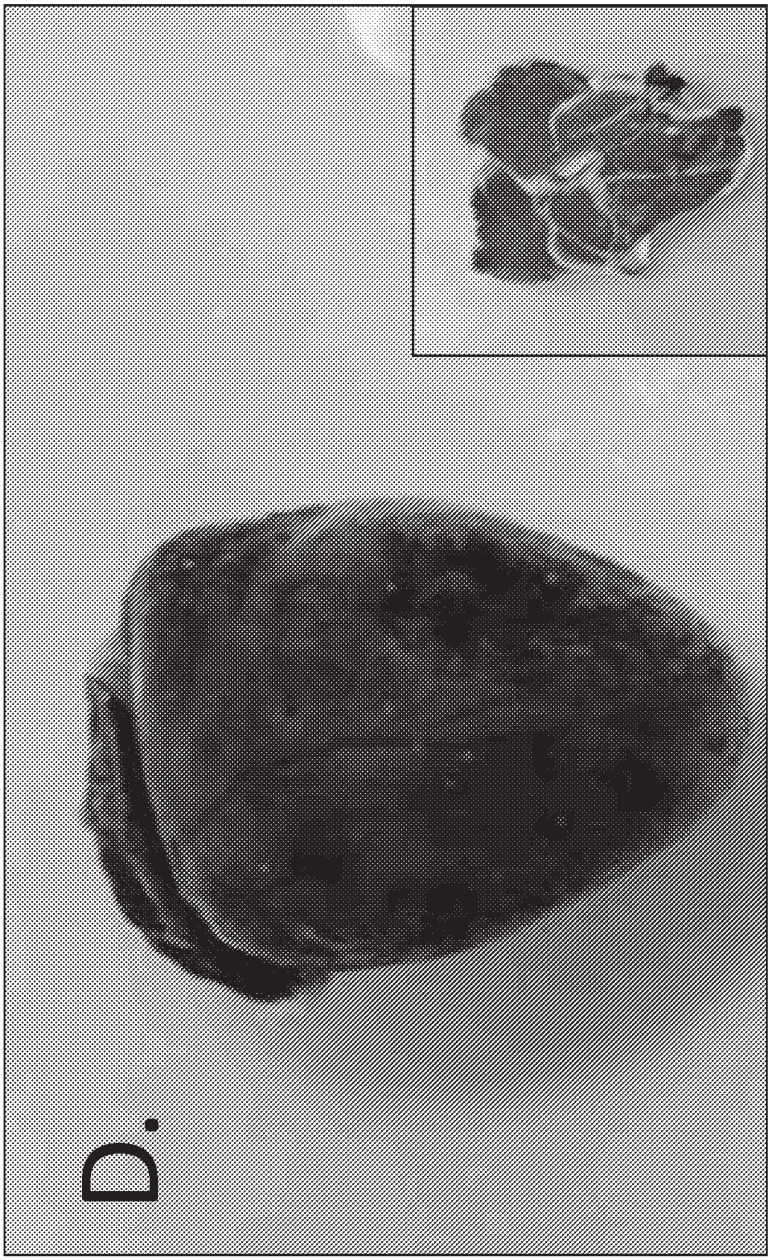


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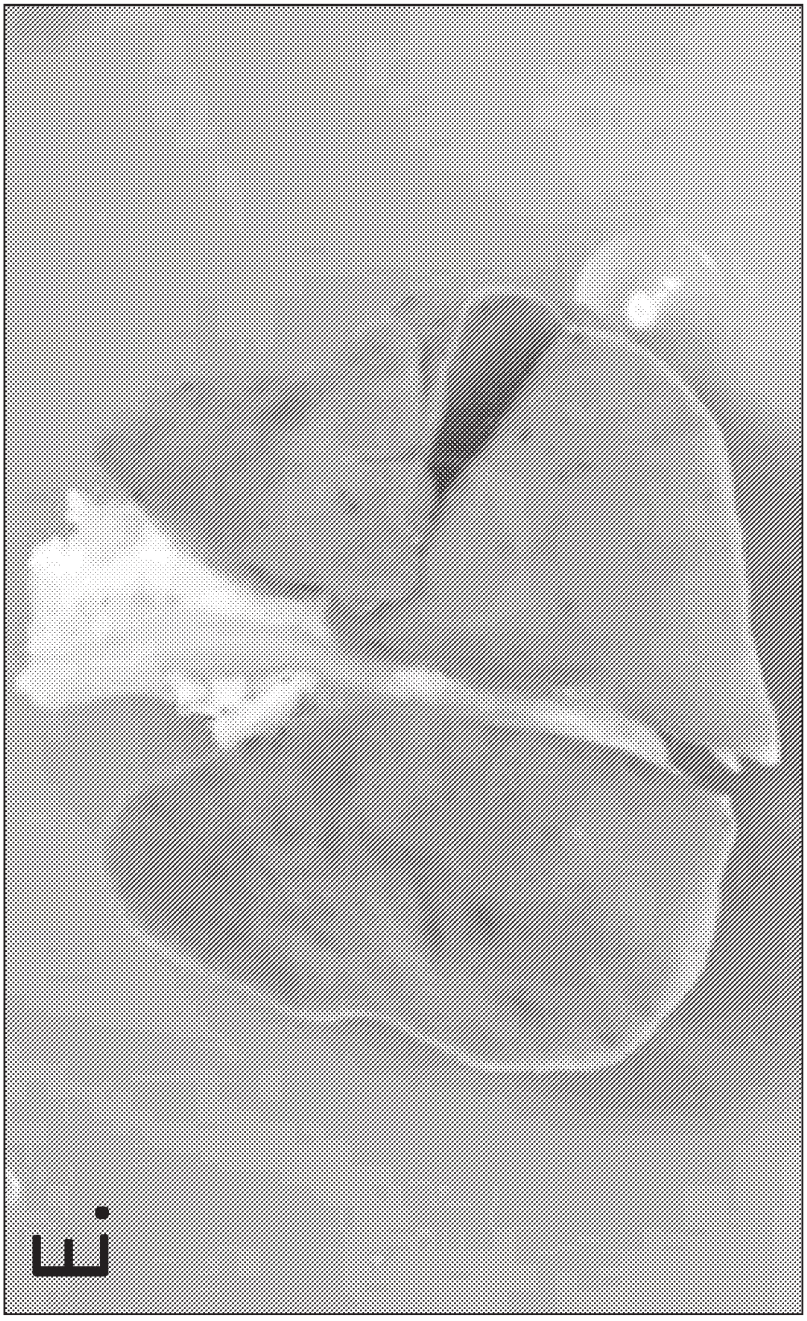


FIG 8E

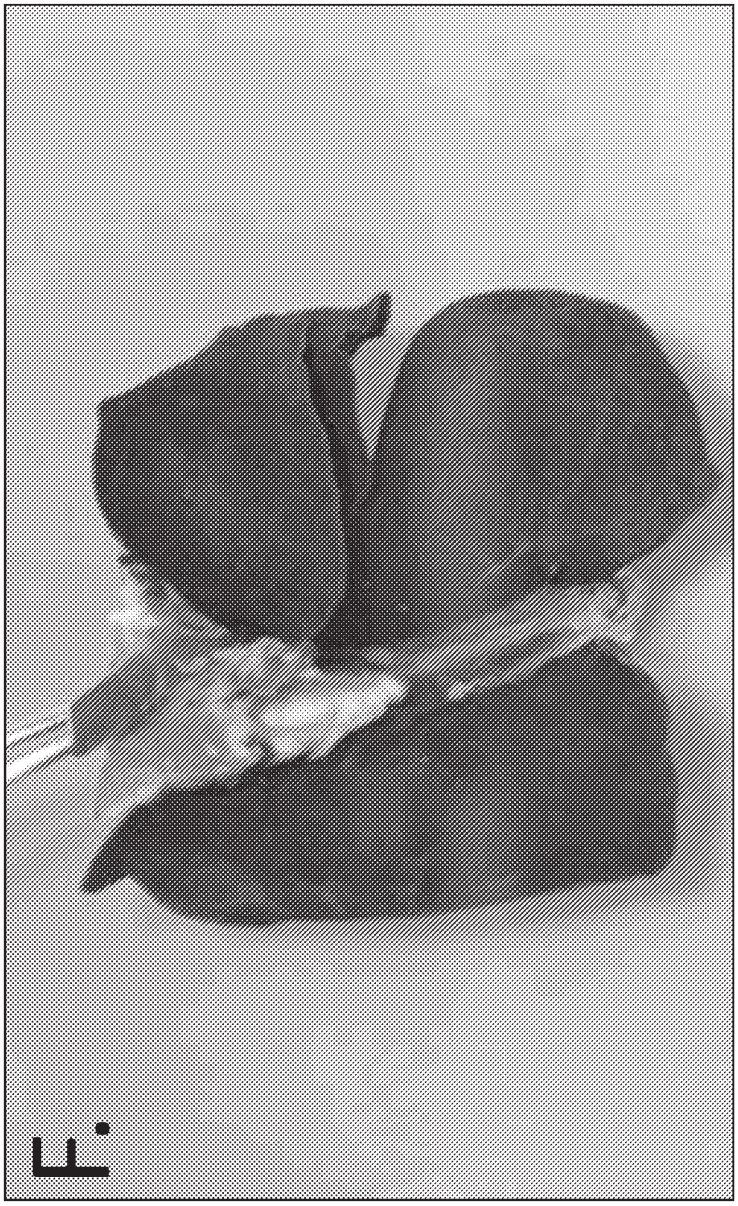


FIG. 8F

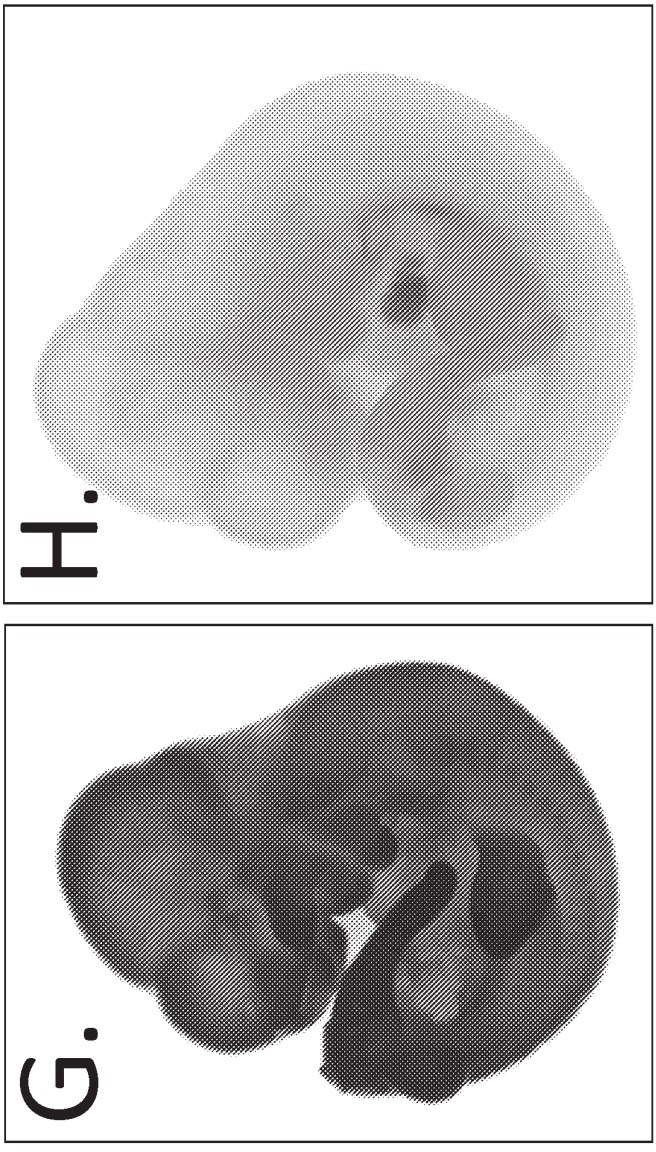


FIG. 8G,H

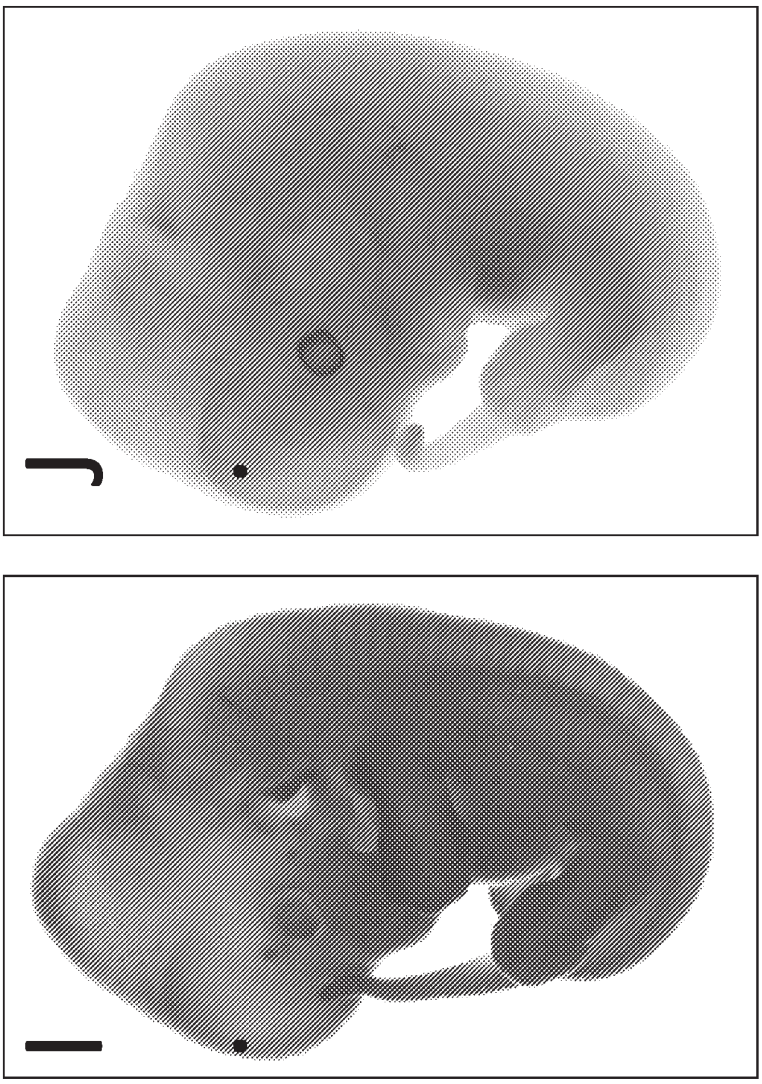


FIG. 8I,J

Cell Results: *42,XY*



Label - Slide/Cell *met-1 - S01-01*

X, Y:

FIG. 9A

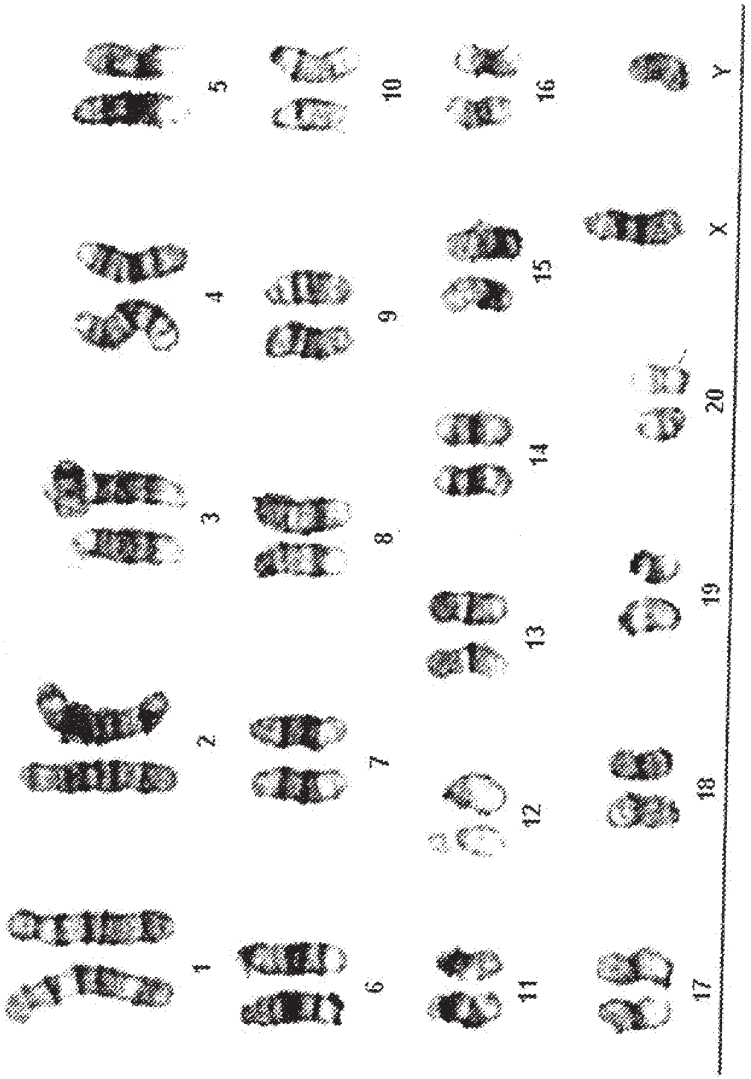


FIG. 9B

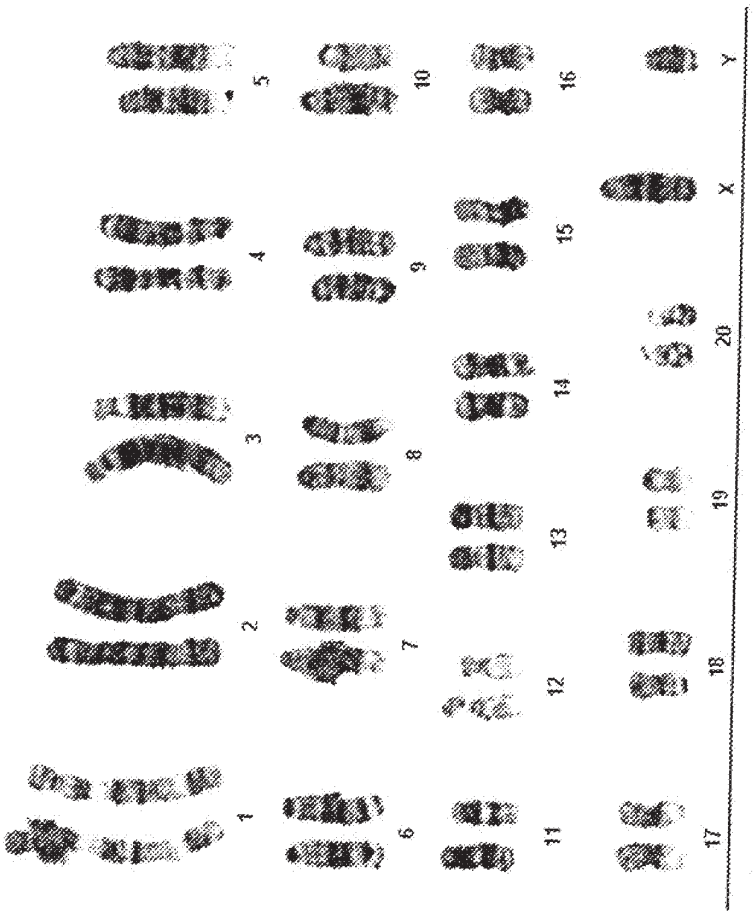
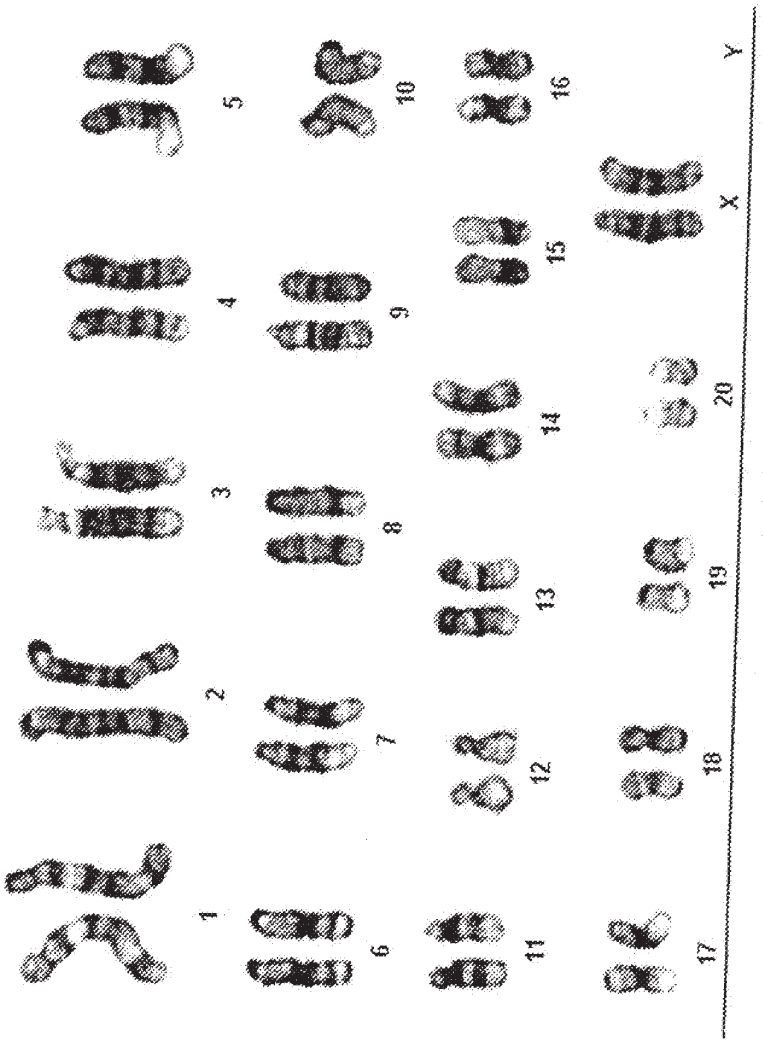


FIG. 10A



X, Y;

FIG. 10B



X, Y:

FIG. 11A



X, Y

FIG. 11B

SEQUENCE LISTING

<110> Lee, Jeffrey D.
Auerbach, Wojtek
Heslin, David
Frendewey, David
Lai, Ka-Man Venus
Valenzuela, David M.

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Ala Thr Cys Ala Ile Arg His Pro Cys His Gly Asn Leu Met Asn Gln
        35                  40                  45
Ile Lys Asn Gln Leu Ala Gln Leu Asn Gly Ser Ala Asn Ala Leu Phe
    50                  55                  60
Ile Ser Tyr Tyr Thr Ala Gln Gly Glu Pro Phe Pro Asn Asn Val Glu
65                  70                  75                  80
Lys Leu Cys Ala Pro Asn Met Thr Asp Phe Pro Ser Phe His Gly Asn
                85                  90                  95
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            100                 105                 110
Leu Ser Ala Ser Leu Thr Asn Ile Thr Arg Asp Gln Lys Val Leu Asn
        115                 120                 125
Pro Thr Ala Val Ser Leu Gln Val Lys Leu Asn Ala Thr Ile Asp Val
    130                 135                 140
Met Arg Gly Leu Leu Ser Asn Val Leu Cys Arg Leu Cys Asn Lys Tyr
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Arg Val Gly His Val Asp Val Pro Pro Val Pro Asp His Ser Asp Lys
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Lys Gln Val Ile Ser Val Val Val Gln Ala Phe
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