

FIG.1

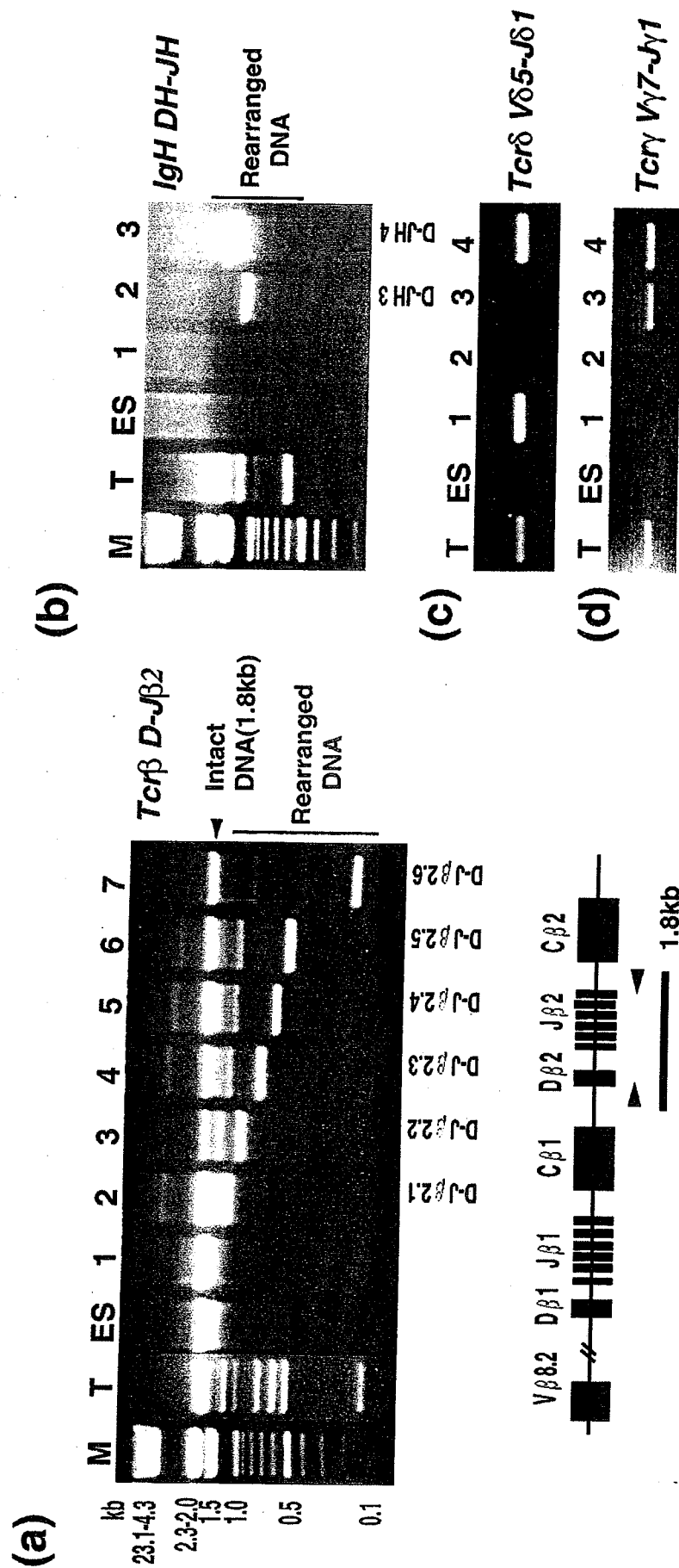


FIG.2

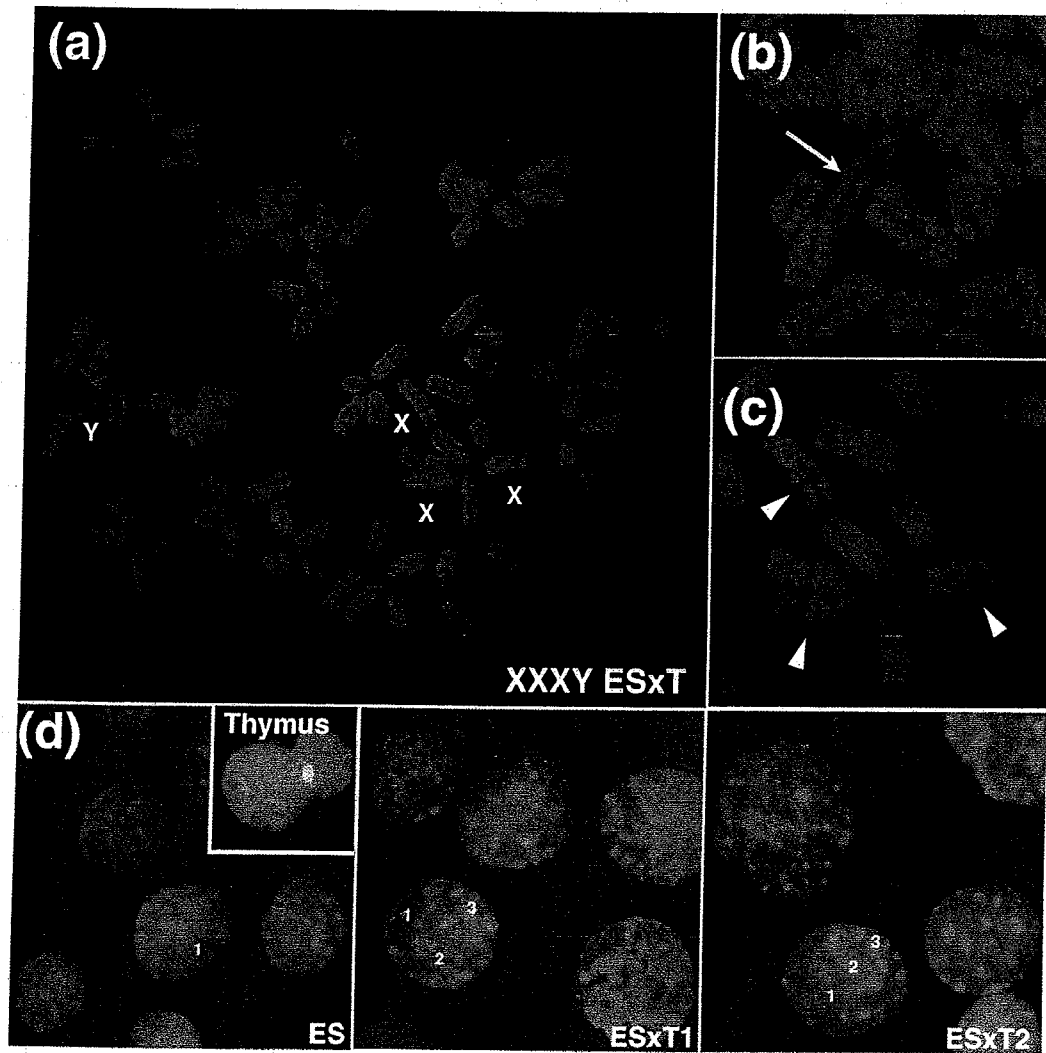


FIG.3

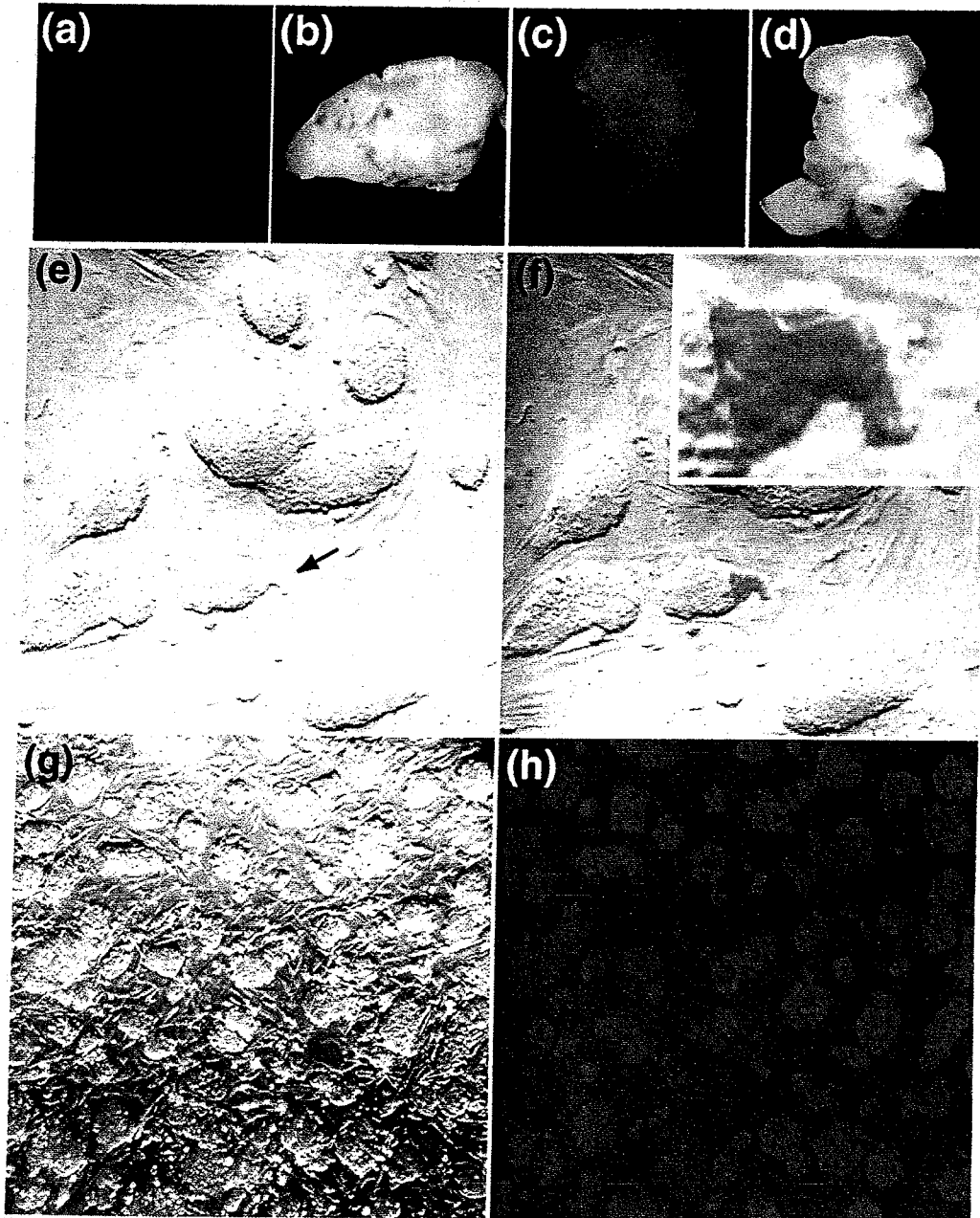


FIG.4

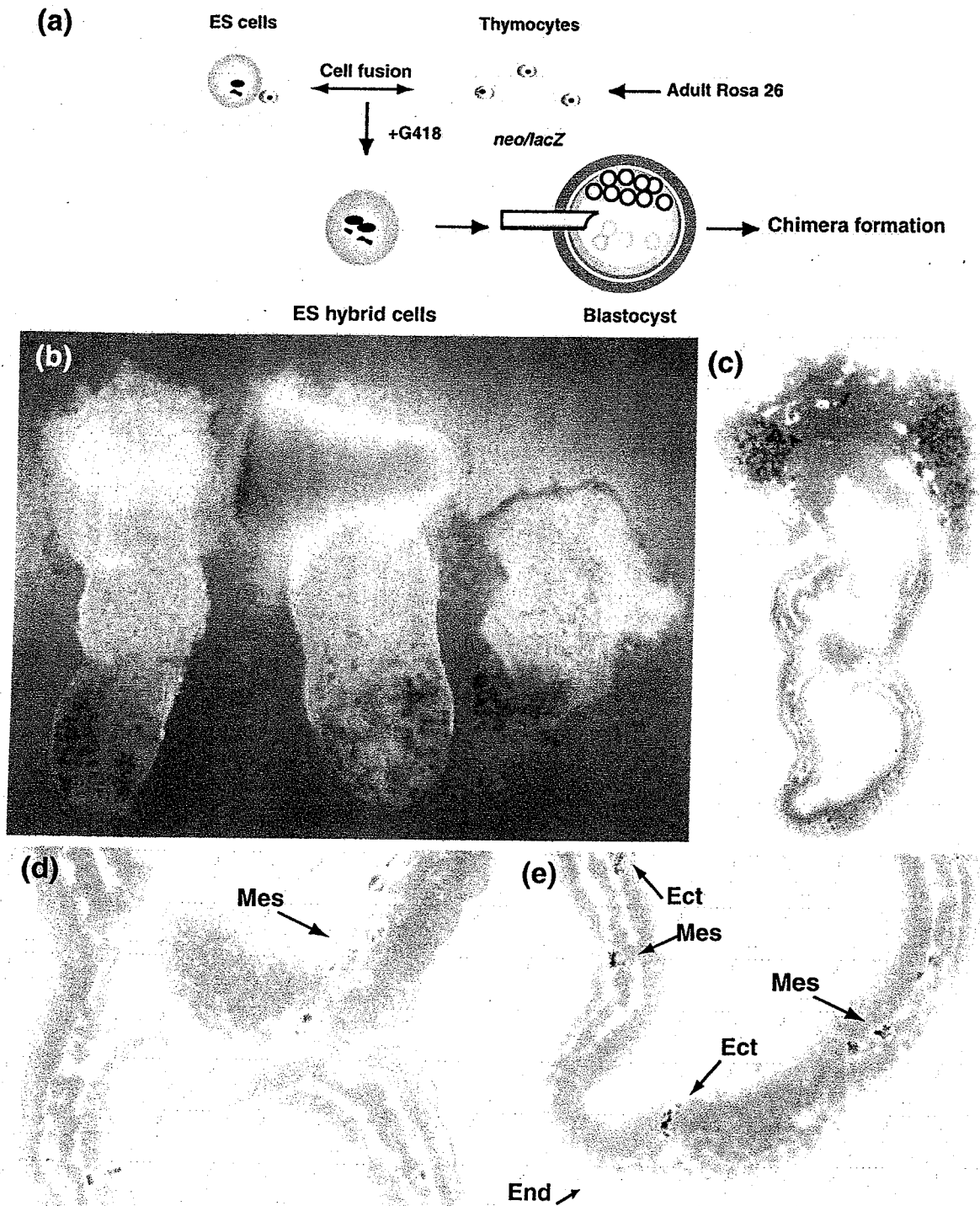
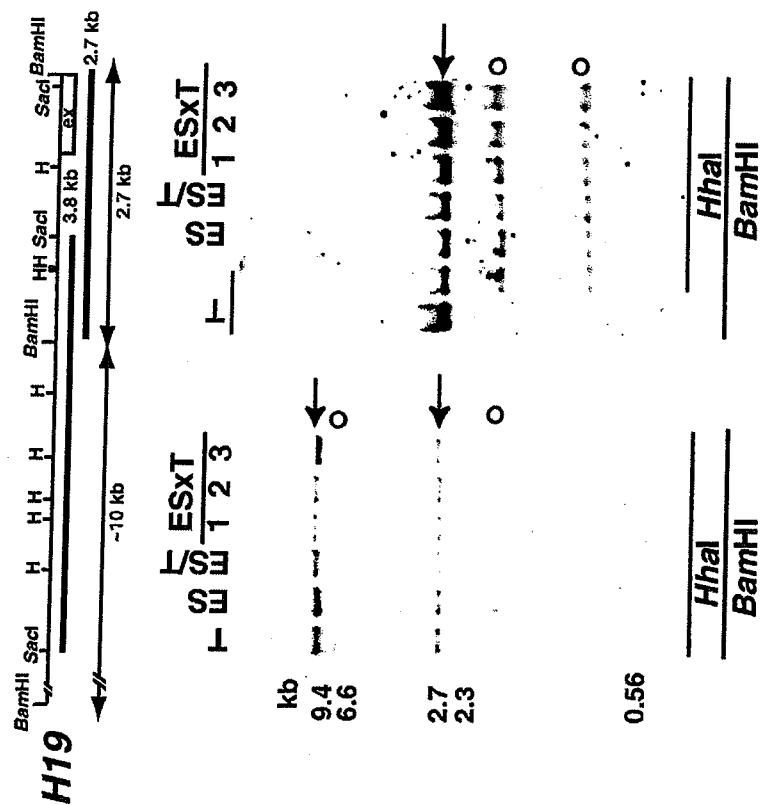


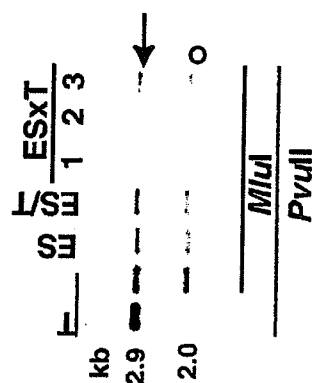
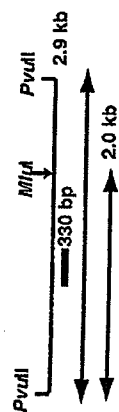
FIG.5

(a)



(b)

Igf2r region 2



(c)

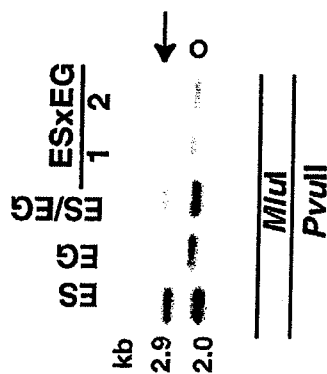
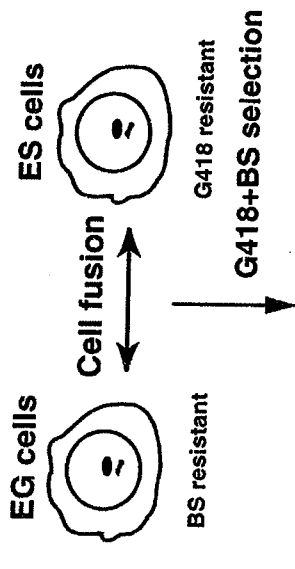


FIG.6

ES or EG cell
Lymphocyte from
neo/lacZ
transgenic mouse

G418
Screening

Fusion cell

Teratoma formation
by subcutaneous
injection

Production of chimeric
embryo by injection
into blastocyst

E7.5 chimeric embryo

Teratoma 4
weeks after
transplantation
(HE section)

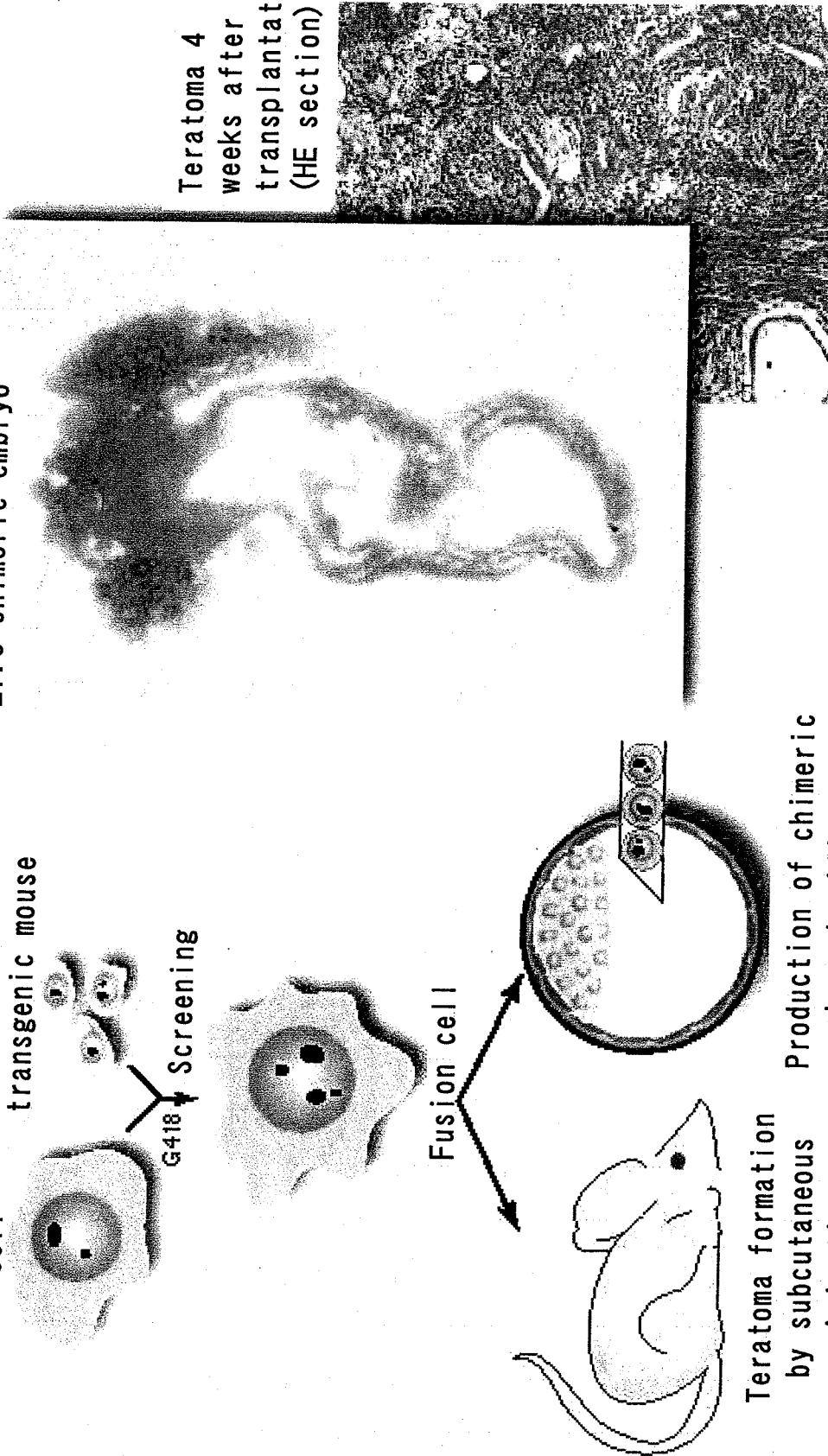


FIG. 7

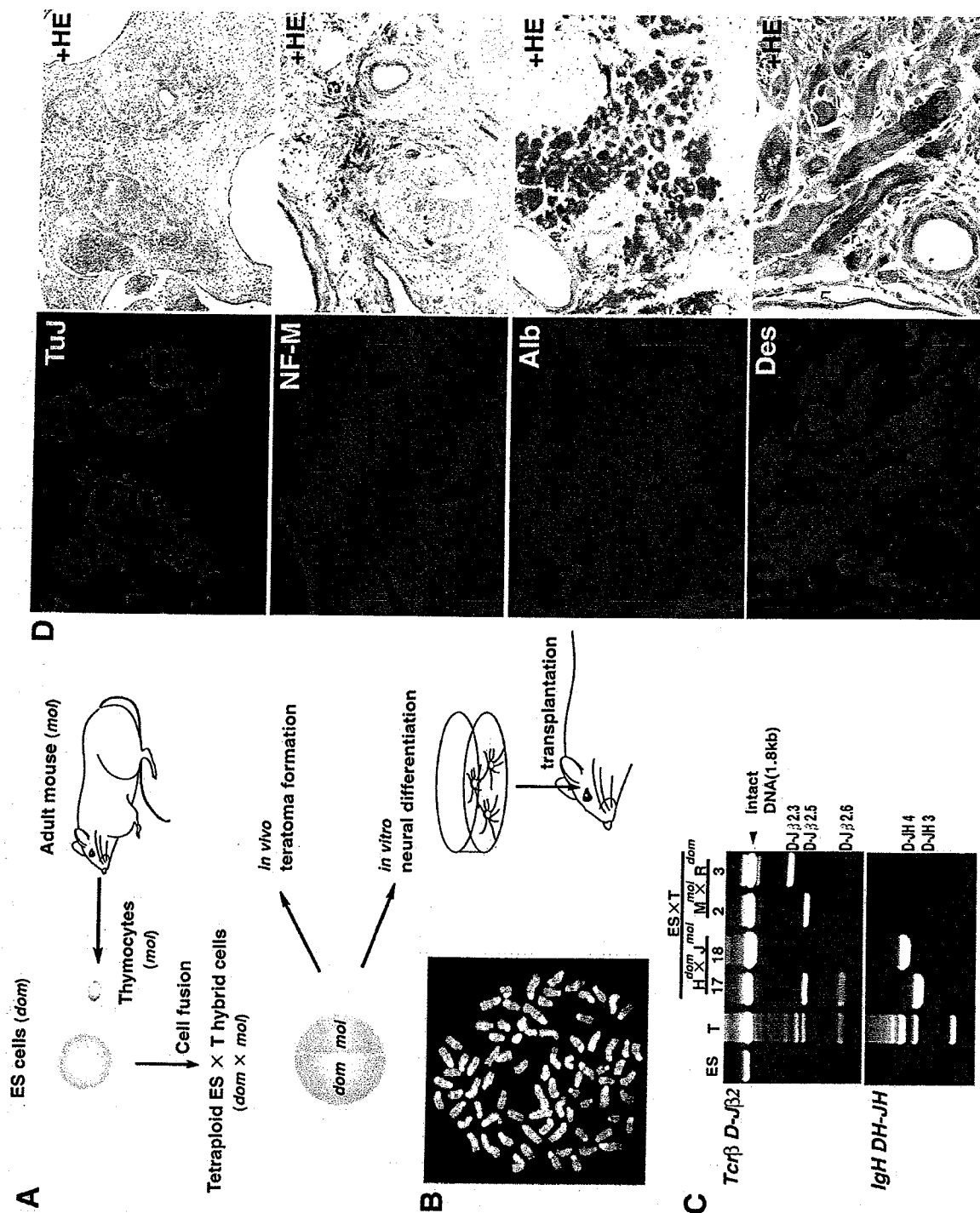
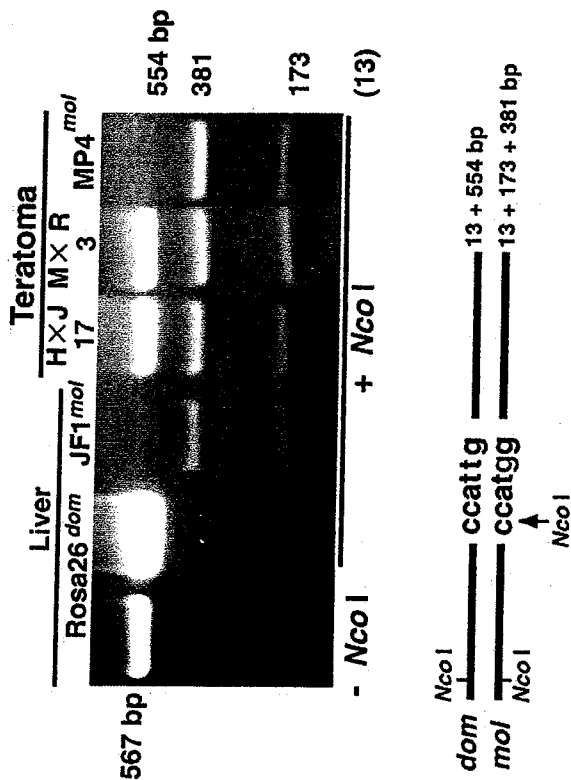


FIG.8 A



C Albumin



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D MyoD

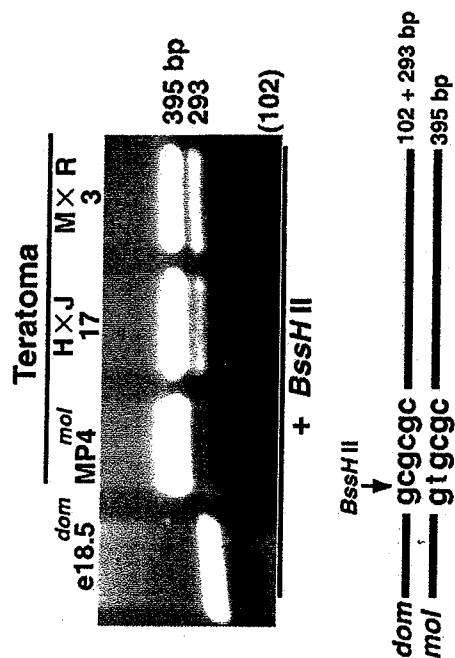
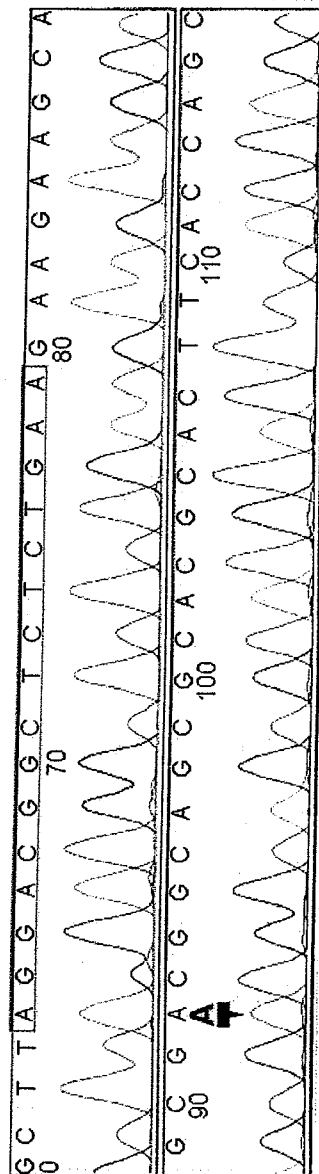
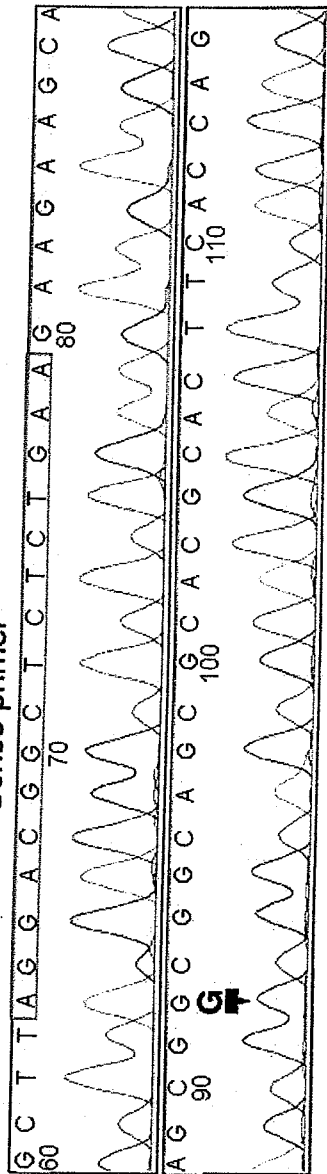


FIG.8 B *Pitx3*

Sense primer



1 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 2 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 3 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 4 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 5 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 6 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 7 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 8 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 9 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 10 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 11 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG
 12 AGGACGGCTCTCTGAAGAAGAGCAGCGCGG

ES(*dom*) × T(*mol*)
 Teratoma
 H×J18

G (*dom*) : A (*mol*) = 5 : 7

FIG.9

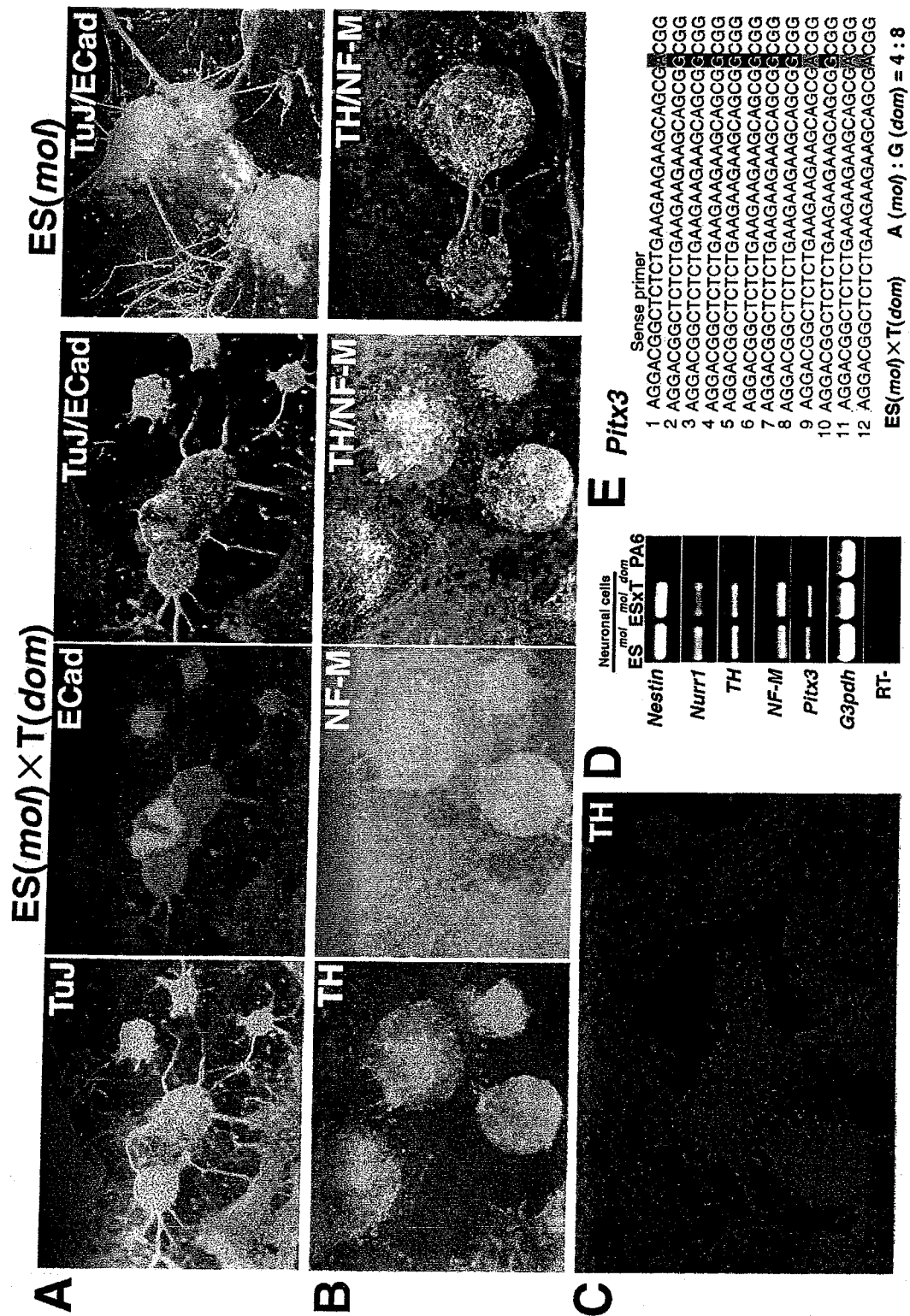


FIG.10

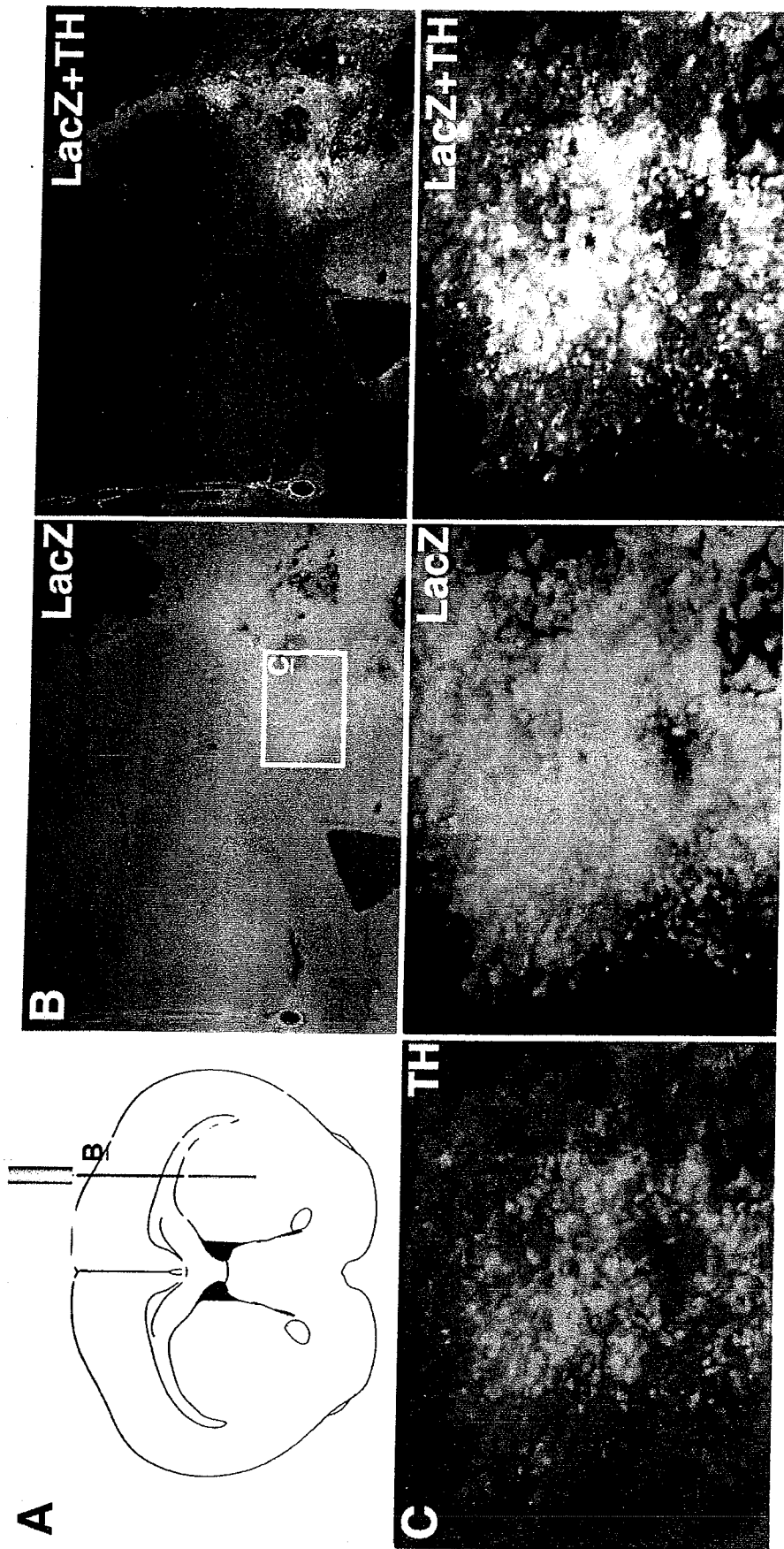


FIG.11

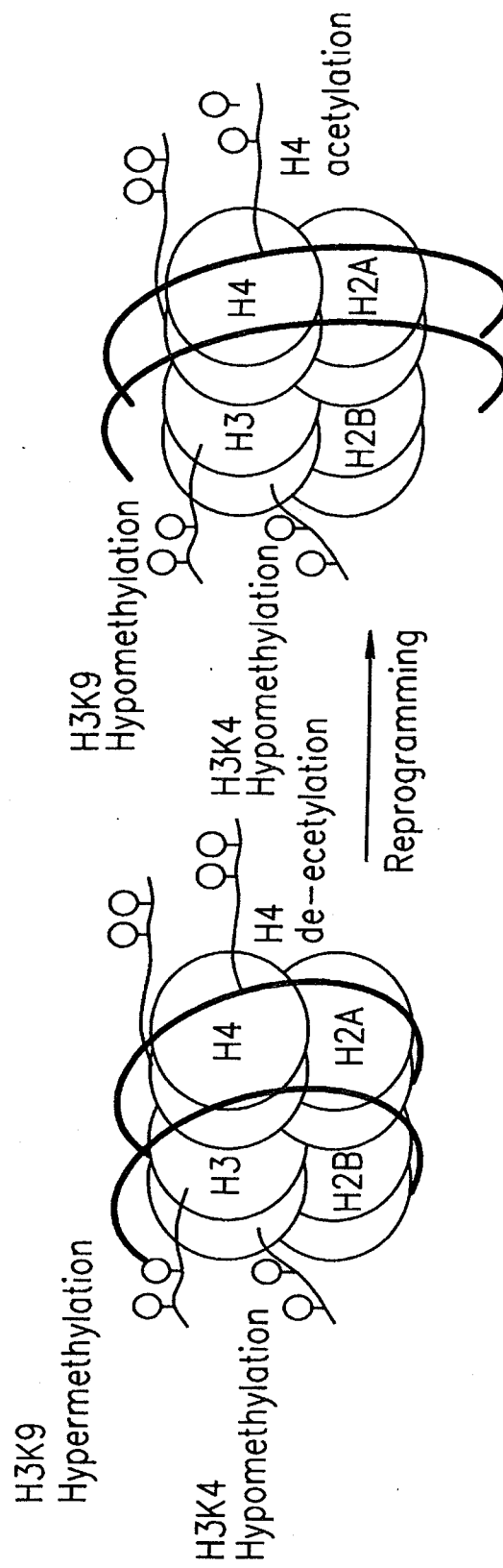


FIG.12

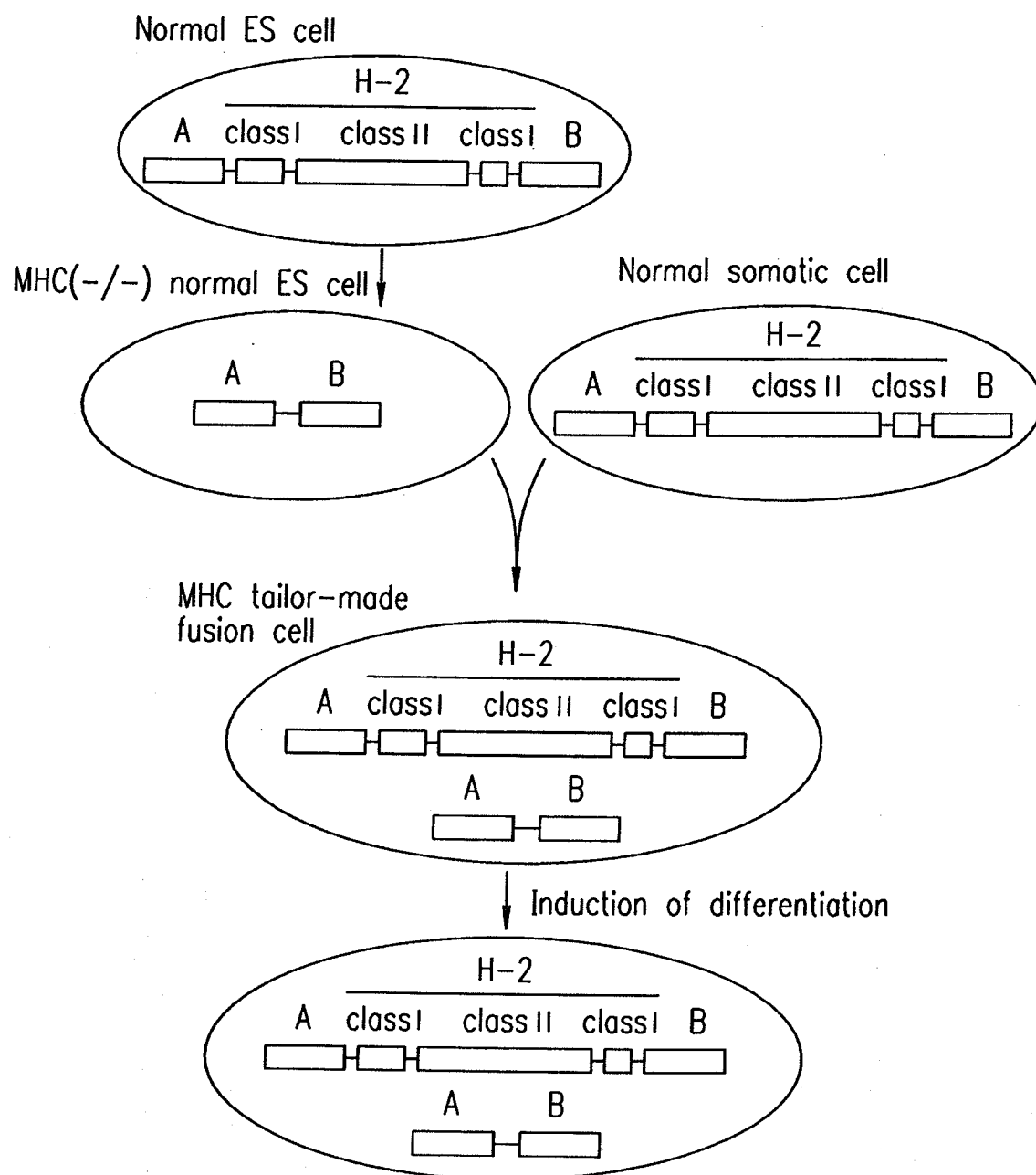


FIG.13

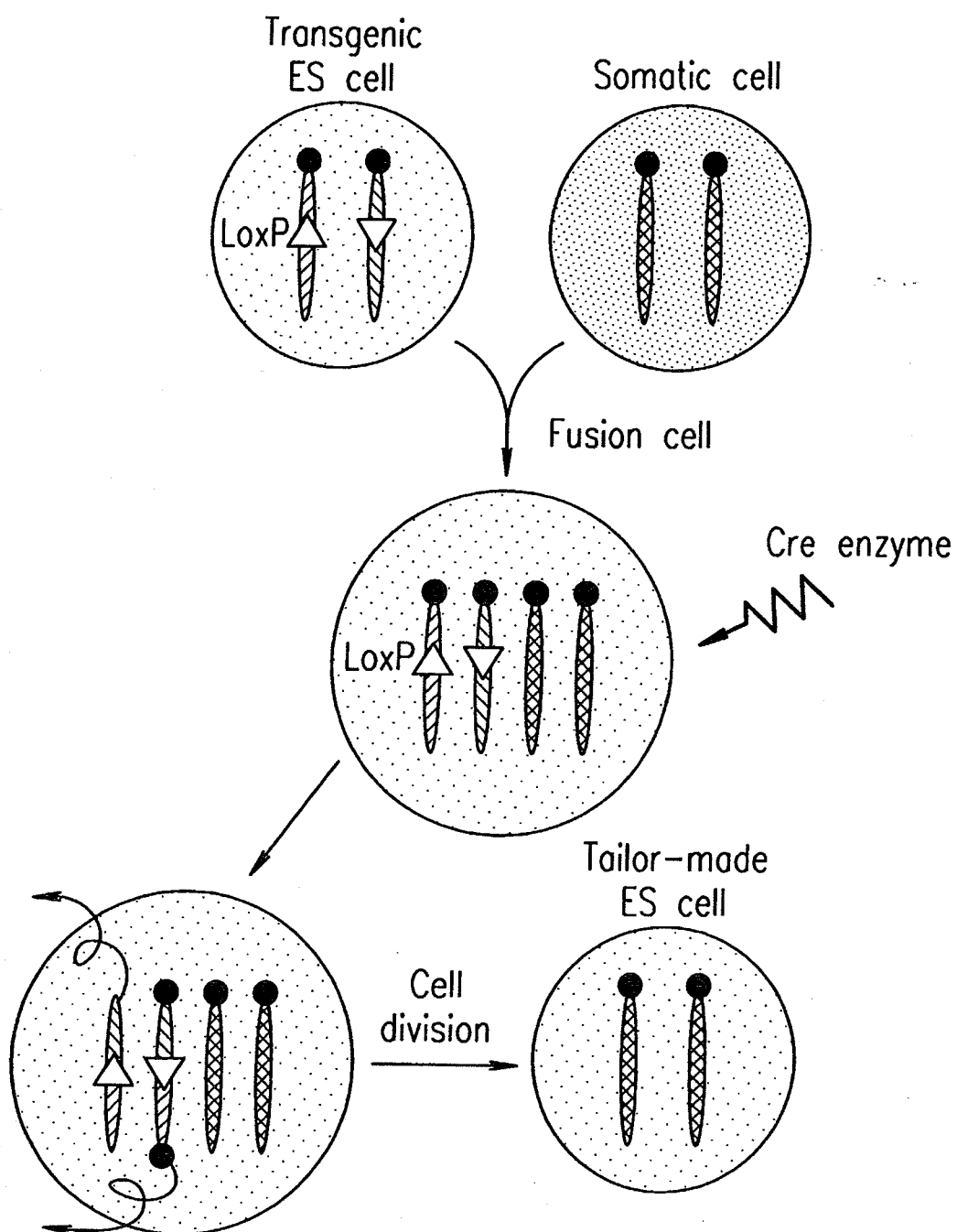


FIG.1 4

