DIAGRAM OF A CROSS HETEROZYGOUS FOR INVERSION (H4250) (D. Newmeyer.) (a) and (b) Synapsis during meiosis. (a) shows complete synapsis to yield affect inversion loop. (b) shows only the inverted region synapsed in order to illustrate better how a crossover in the inverted region forms complementary Dp-Df products. Be (c) Viable product deficient for right tip and duplicated for most of left arm. Heterozygous for mating-type and frosty. (d) Diagram showing how mitotic crossing over in the duplicated region might yield products homozygous for mating-type and frosty. a. = NORMAL MINIMA = INVERTED aur nici os

fr A wra aux nic ost a frt

d.

fr A ang aux nic ost A fr

in A wra

the aux ost aux ost A fr

in A wra

fr a arg aux nic ost a fr

nic that a arg aux nic ost a fr

nic that a arg aux nic ost a fr