

The diagram illustrates the cellular compartments where meiotic processes occur. It features three nested rectangular regions. The outermost region is the cytosol, represented by a light pink background. Inside it is the nucleoplasm, represented by a light orange background. Within the nucleoplasm are two green rectangular boxes. The left box is labeled 'Meiotic Recombination' and the right box is labeled 'Meiotic Synapsis'. Both boxes have a black border and a white inner rectangle containing the text.

Meiotic Recombination

Meiotic Synapsis

nucleoplasm

cytosol