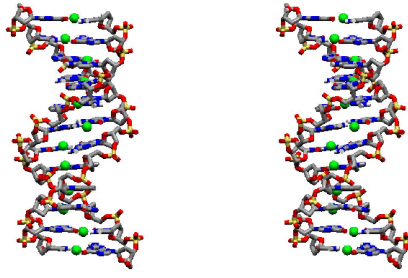


Chapter 6-1 Notes



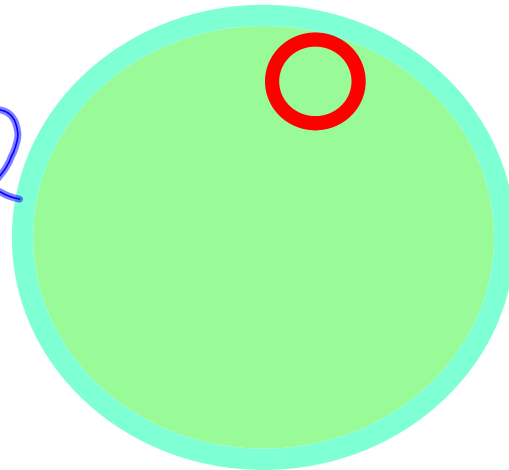
<http://dake.usask.ca/~psa151/mdna.jpg>

What would happen if part of this was deleted or not copied when a new cell was made.

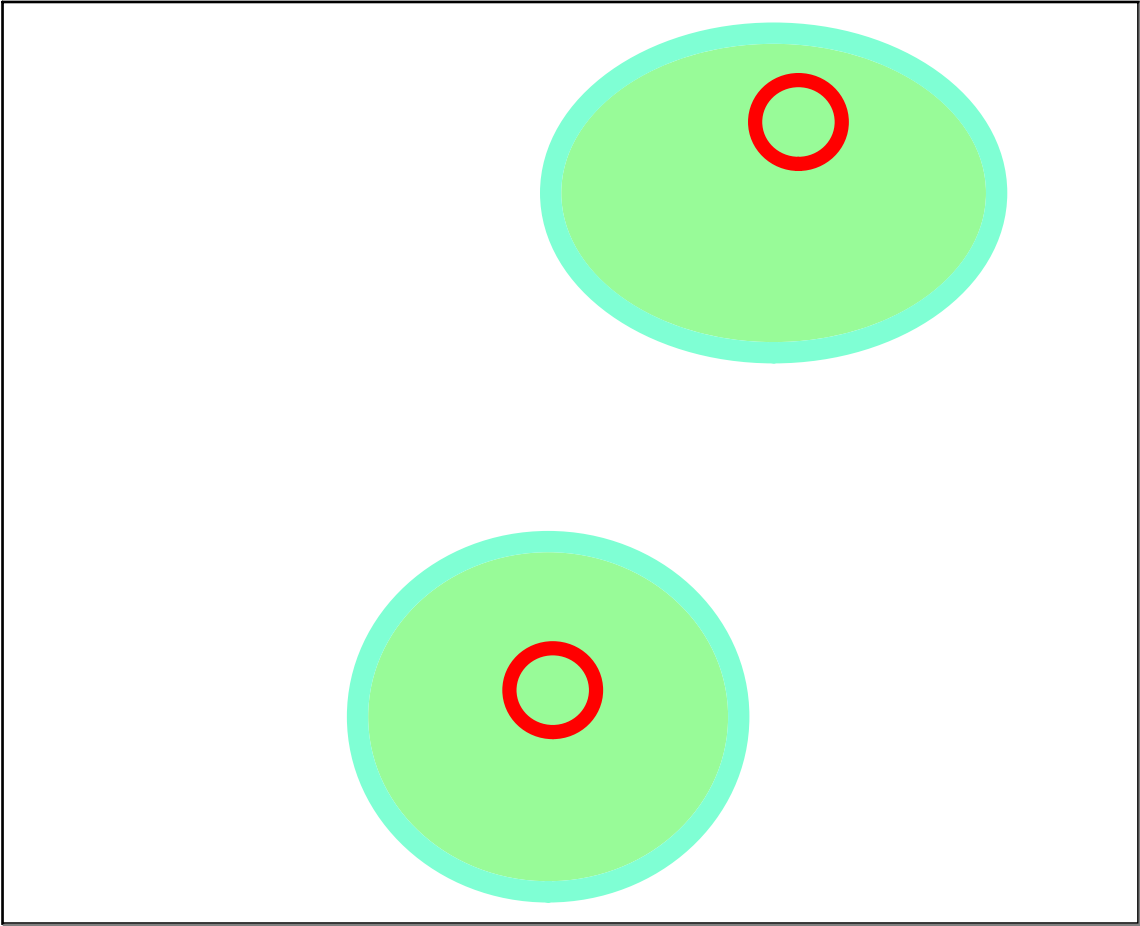
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Bacterial Cells

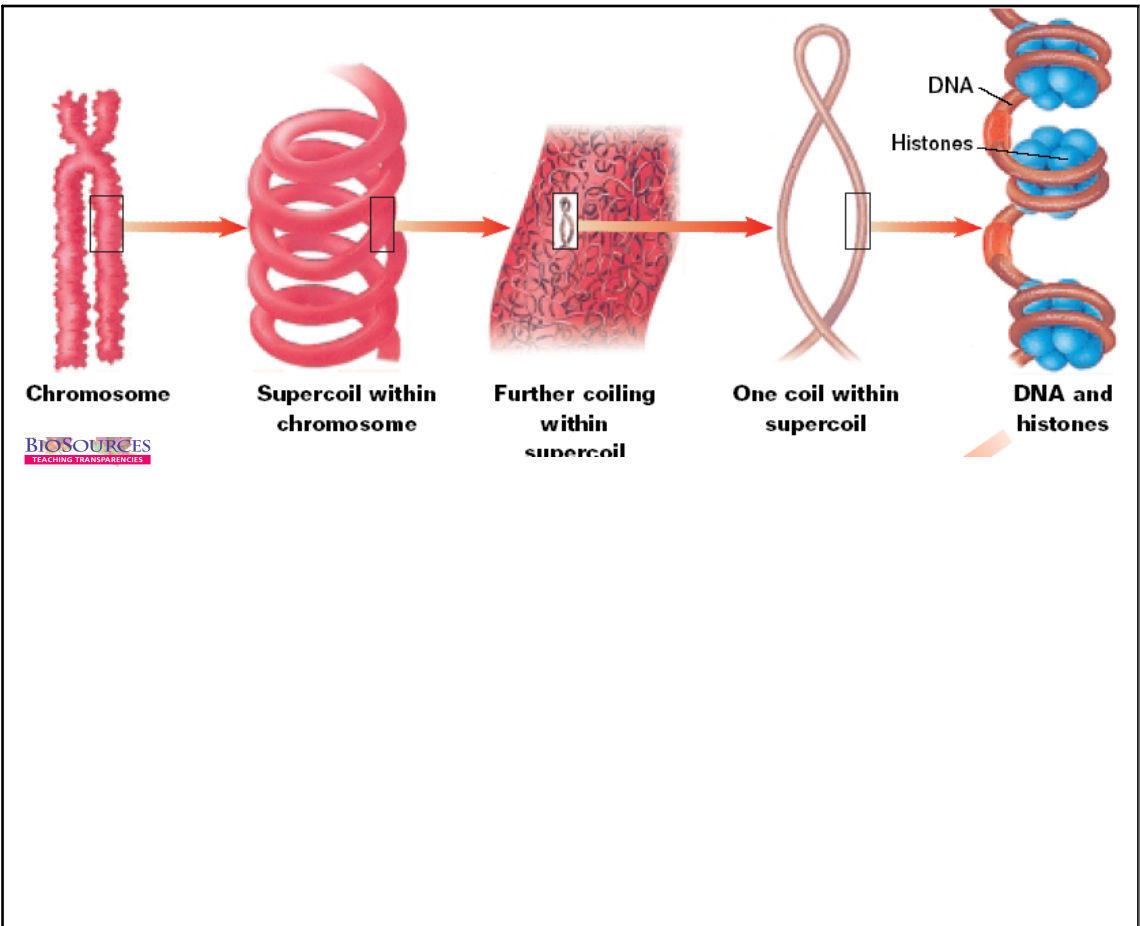
Binary fission- a form of asexual reproduction that produces identical offspring.



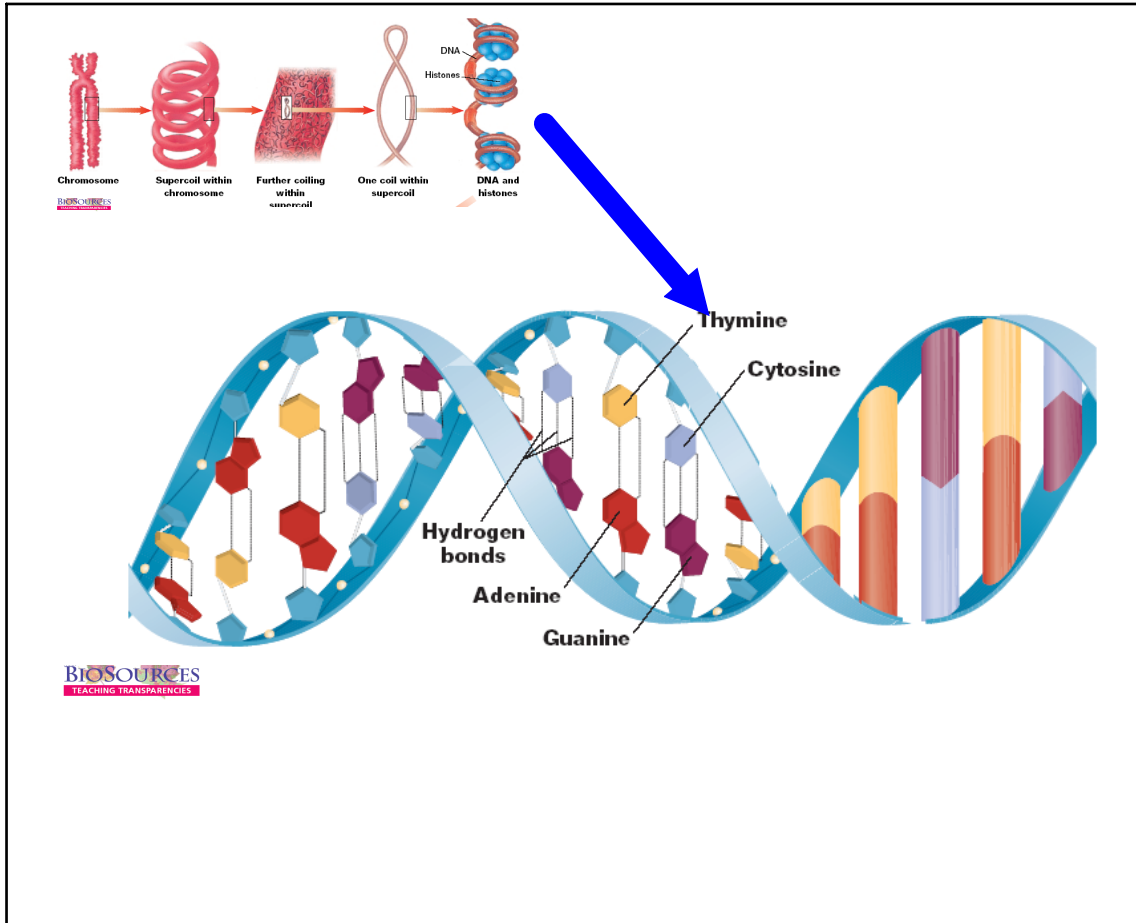
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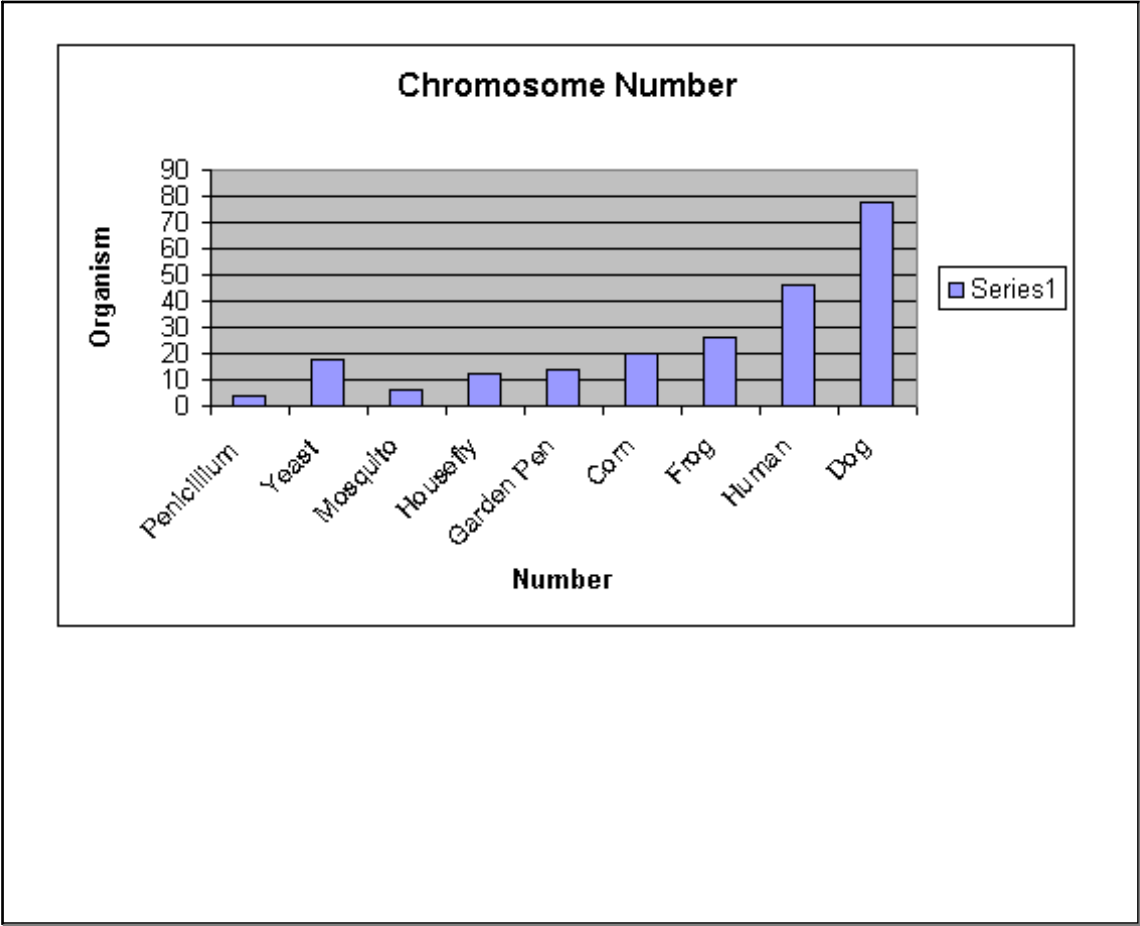


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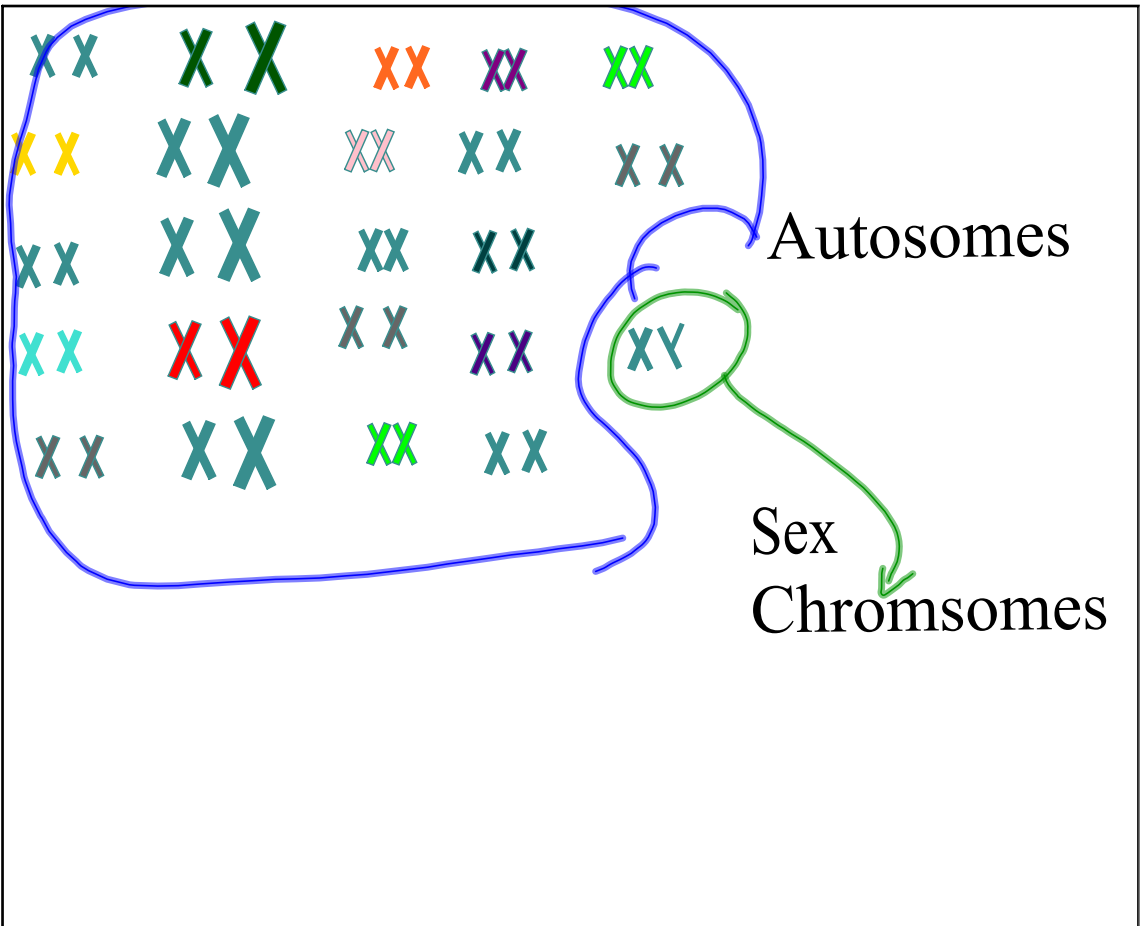
A grid of 10 columns and 4 rows of 'X' chromosomes. The chromosomes are represented by 'X' shapes in various colors (green, orange, purple, yellow, cyan, red, blue, grey). The first column has 4 chromosomes. The second column has 4 chromosomes. The third column has 4 chromosomes. The fourth column has 4 chromosomes. The fifth column has 4 chromosomes. The sixth column has 4 chromosomes. The seventh column has 4 chromosomes. The eighth column has 4 chromosomes. The ninth column has 4 chromosomes. The tenth column has 4 chromosomes.

Zygote- a fertilized
egg cell, the first cell of a
 new individual

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Autosomes

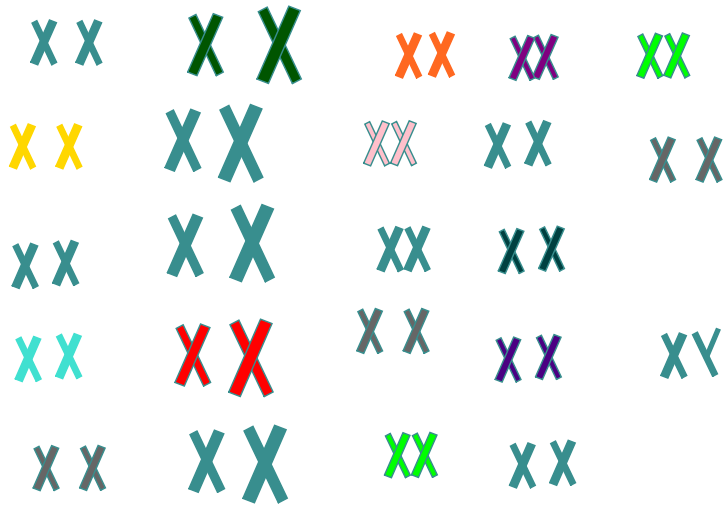
chromosomes
that are) not
involved in
determining the
sex

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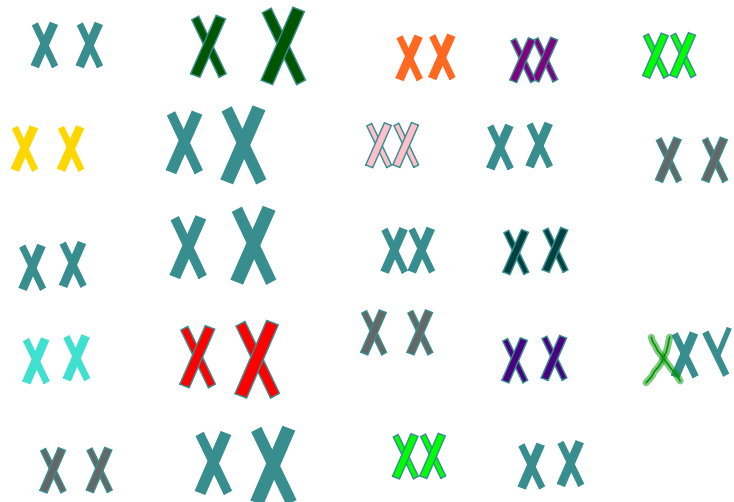
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What if missing one?

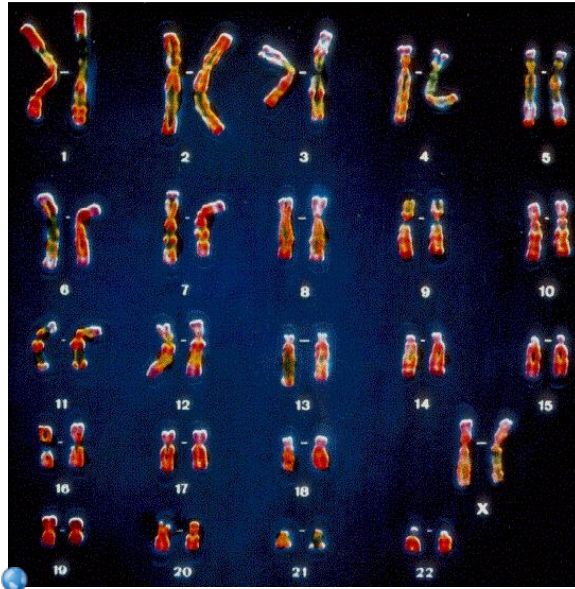


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What if there is an extra one?

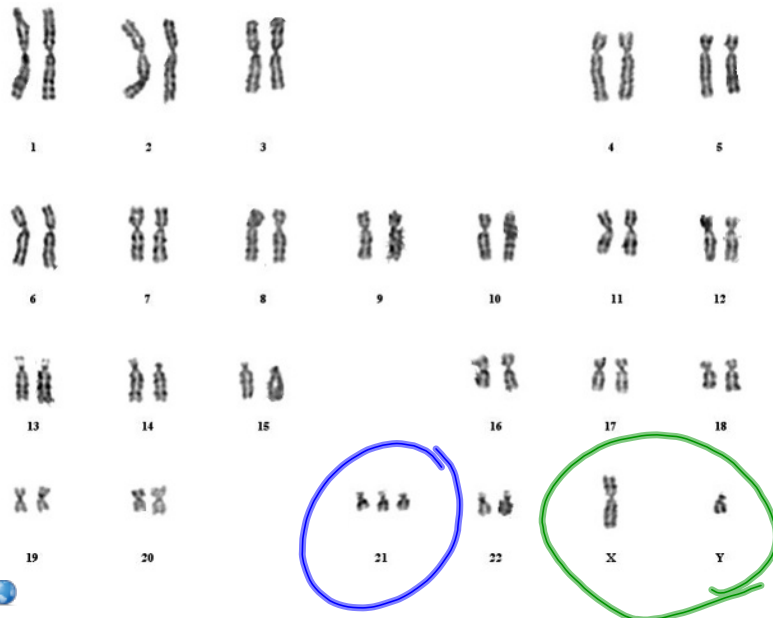


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<http://www.familystudies.org/karyotype.jpg>

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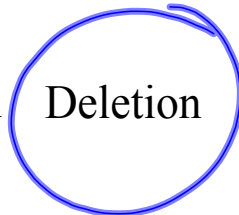


<http://www.health.gov.mt/impaedcard/issue/issue13/0311/fig4.jpg>

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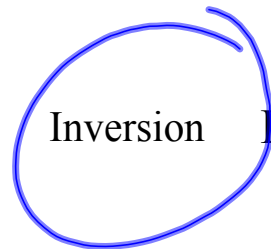
Translocation Deletion Inversion Duplication



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Translocation Deletion Inversion Duplication



Nov 7 - 5:10 PM



Translocation Deletion Inversion Duplication

Nov 7 - 5:10 PM



Translocation Deletion Inversion Duplication

Nov 7 - 5:10 PM