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- Translocations
 - Fusion proteins
 - Overexpression of normal proteins

Deletions

- Loss of tumor suppressor genes
- Amplifications of genes
 - Oncogene overexpression

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Types of chromosome abnormalities

- Numeric abnormalities
 - Diploid, haploid, aneuploid, tetraploid, monosomy, trisomy

• Structural abnormalities

Translocations, deletions, duplications, inversions, rings

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