

Mitosis

Biology

The phases, and what the chromosomes are doing in each.

The phases of nuclear division.

Phase	Chromosomes
Interphase	DNA replicated; not part of mitosis
Prophase	Condense; nuclear envelope breaks down
Metaphase	Line up on the equator
Anaphase	Sister chromatids pulled to poles
Telophase	Decondense; nuclear envelopes reform
Cytokinesis	Cytoplasm divides

Mitosis produces genetically identical cells. That is its purpose: growth, repair and asexual reproduction.