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Although the road is a long one, investigators are making exciting progress toward their goal of mapping the human genome. This issue contains a wall chart, Genome Maps III (pages 87 to 102), as well as Research Articles, Articles, a Perspective, and News stories relating to genome mapping. [Illustration: Susan Nowoslawski, Washington, DC]

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A Comprehensive Genetic Linkage Map of the Human Genome
NIH/CEPH Collaborative Mapping Group

Genome Analysis and the Human X Chromosome

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Sensitivity of Glaciers and Small Ice Caps to Greenhouse Warming
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Sulfate Cooling Effect on Climate Through In-Cloud Oxidation of Anthropogenic SO2
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Imuno-PCR: Very Sensitive Antigen Detection by Means of Specific Antibody-DNA Conjugates
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The B Cell Antigen Receptor Complex: Association of Ig-α and Ig-β with Distinct Cytoplasmic Effectors

Production of the Alzheimer Amyloid β Protein by Normal Proteolytic Processing

Structural Basis of the Intrasteric Regulation of Myosin Light Chain Kinases

Lack of Protective Immunity Against Reinfecction with Hepatitis C Virus

Appendix: A Comprehensive Genetic Linkage Map of the Human Genome
NIH/CEPH Collaborative Mapping Group

Cover

Effect of small glaciers on sea level

Kinetics of phase transformations

Indicates accompanying feature

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