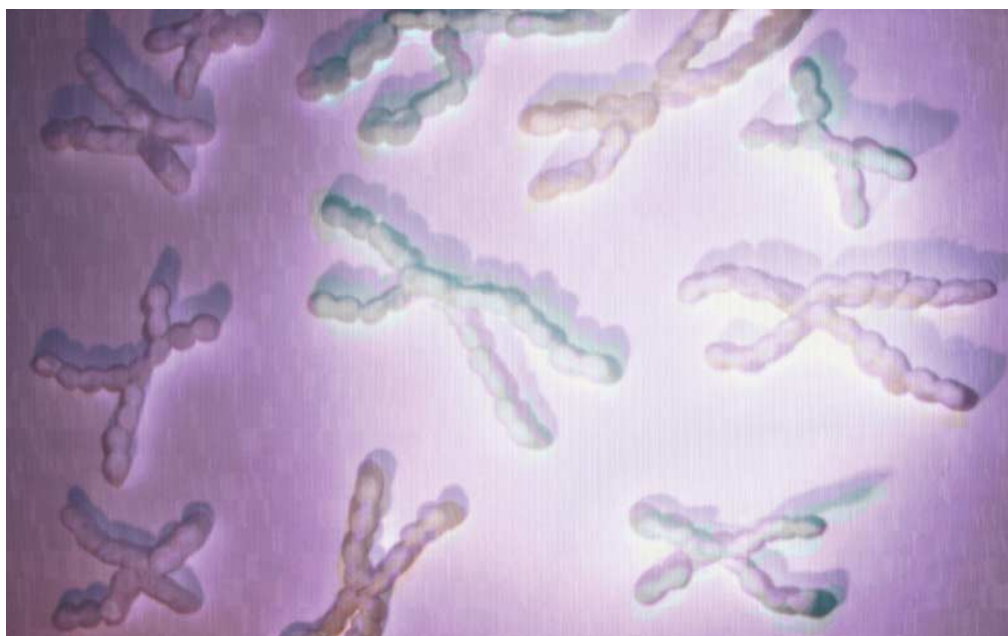


NATURE REVIEW

REVIEWS AND COMMENT FROM THE NATURE PUBLISHING GROUP



▲ **Six is seventh.** Grimwood, J. & Schmutz, J. *Nature* 23 October (2003). A News and Views piece on what has been learnt from the finished sequence of human chromosome 6, which is published in the same issue. *Nature* has also launched its human chromosome web pages (available at <http://www.nature.com/nature/focus/humangenome>). The papers presented serve as the definitive historical record for the sequences and analyses of human chromosomes — the ultimate results of the Human Genome Project. All primary genome papers are available free online.

• **The developmental role of serotonin: news from mouse molecular genetics.**

Gaspar, P., Cases, O. & Maroteaux, L. *Nature Reviews Neuroscience* December (2003)

The revived interest in the role of serotonin in developmental processes, such as neurogenesis, apoptosis, axon branching and dendritogenesis, is discussed.

► **Secrets of a porkier porker.**

Nature 23 October (2003)

The finding that a single nucleotide can account for 15–30% of the muscle-mass variation in pigs is discussed in this News and Views article.



• **Cancer pharmacogenetics: polymorphisms, pathways and beyond.**

Ulrich, C. M., Robien, K. & McLeod, H.

Nature Reviews Cancer December (2003)

A Review on the efforts to construct pathways of genes of pharmacological relevance for individual chemotherapeutics, and the promise of genetically guided cancer therapy.

• **Neuropeptide gene polymorphisms and human behavioural disorders.**

Inui, A.

Nature Reviews Drug Discovery December (2003)

• **SARS — beginning to understand a new virus.**

Stadler, K., Massignani, V., Eickmann, M., Becker, S., Abrignani, S., Klenk, H.-D. & Rappuoli, R.

Nature Reviews Microbiology December (2003)

This Review details the genomics of the SARS coronavirus, its phylogeny, antigenic structure, immune response and potential therapeutic interventions.

• **The rough guide to the genome.**

Nature 23 October (2003)

The author of this News Feature profiles the international 'HapMap' project, which will produce a haplotype map based on the similarities in block structure and common haplotypes for the European, African and Asian populations. The project aims to provide a link between the DNA sequence of the genome and the way in which the genome influences the risk of disease.

• **Getting to the end: telomerase access in yeast and humans.**

Vega, L. R., Mateyak, M. K. & Zakian, V. A.

Nature Reviews Molecular Cell Biology

December (2003)



▲ **With your genes? Take one of these, three times a day.**

Nature 23 October (2003)

A News Feature on the prospects of using genomic data to prescribe drugs.