Human genome far more active than thought

The GENCODE Consortium expects the human genome has twice as many genes than previously thought, many of which might have a role in cellular control and could be important in human disease. This remarkable discovery comes from the GENCODE Consortium, which has done a painstaking and skilled review of available data on gene activity. Among their discoveries, the team describe more than 10,000 novel genes, identify genes that have 'died' and others that are being resurrected. The GENCODE Consortium reference gene catalogue has been one of the underpinnings of the larger ENCODE Project and will be essential for the full understanding of the role of our genes in disease.

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