Biological Frontiers

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**COVER**

Mouse on the right is more than twice the size of its control sibling because it contains a foreign gene composed of the mouse metallothionein promoter fused to the human growth hormone structural gene. To our knowledge, this is the first example of a human gene expressed in another animal. The metallothionein promoter (yellow) extends in the first exon. Gene exons (cross-hatched areas) represent the part of the gene that becomes the message for human growth hormone. The human growth hormone gene is red. A piece of the pBR322 plasmid is shown in beige. See page 809. [R. L. Brinster and R. E. Hamer, School of Veterinary Medicine, University of Pennsylvania, Philadelphia 19104]