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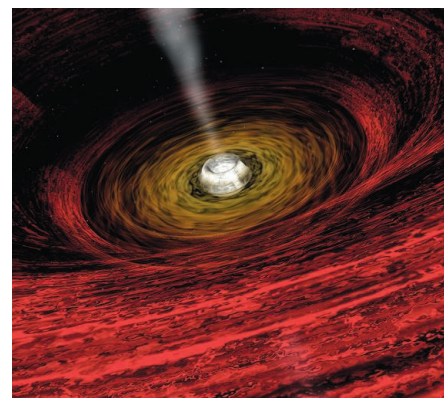
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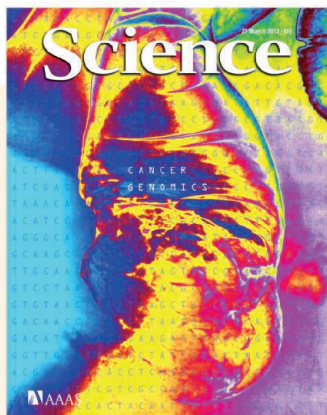
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### COVER

Human colon cancer (at lower center) identified by a colored barium x-ray shown overlaid with a representation of a genetic sequence. Genome sequence analysis of human tumors has uncovered an array of genetic alterations that help drive tumor growth—information that may lead to more effective cancer therapies. See the special section beginning on page 1539.

*Image: Mehau Kulyk/Science Source*

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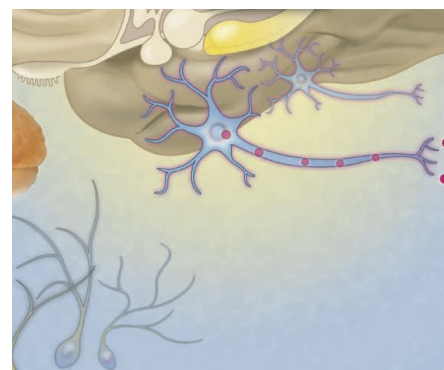
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A metabolite specific to certain cancers, and of therapeutic interest, exists in two forms, only one of which is oncogenic.

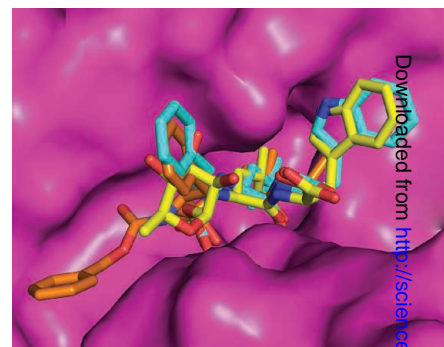
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