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REVIEW SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.1247125

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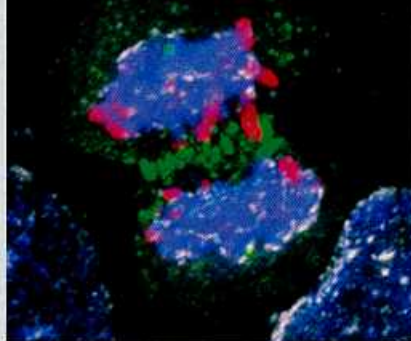
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Structural and functional partitioning of bread wheat chromosome 3B
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► sciencemag.org/extra/wheatgenome

ON THE COVER



Red winter wheat (*Triticum aestivum* L.) growing on a farm in Idaho. As one of the largest sources of nutrition for humanity worldwide, the sequencing of its large, complex genome illuminates wheat's evolutionary history and breeding potential. See pages 251 and 285 and sciencemag.org/extra/wheatgenome. Photo: Mark Thiessen

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