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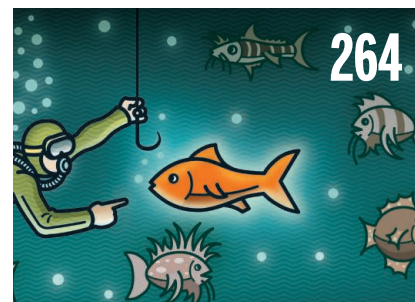
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REVIEW SUMMARY; FOR FULL TEXT:
dx.doi.org/10.1126/science.1247125

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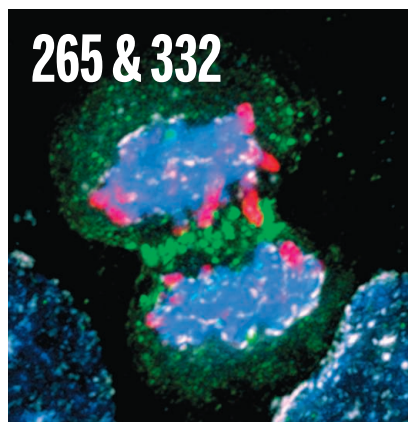
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286 A chromosome-based draft sequence of the hexaploid bread wheat (*Triticum aestivum*) genome *The International Wheat Genome Sequencing Consortium (IWGSC)*

Ancient hybridizations among the ancestral genomes of bread wheat
T. Marcussen et al.

Genome interplay in the grain transcriptome of hexaploid bread wheat *M. Pfeifer et al.*

Structural and functional partitioning of bread wheat chromosome 3B
F. Choulet et al.

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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*

Science

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