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**ParB spreading requires DNA bridging**

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**RNA remodeling by bacterial global regulator CsrA promotes Rho-dependent transcription termination**

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Nara Figueroa-Bossi, Annie Schwartz, Benoit Guillemardet, François D'Heygère, Lionello Bossi, and Marc Boudvillain

<sup>OA</sup>Open Access paper

**Cover** Long-range DNA-bridging activity allows the *Bacillus subtilis* ParB protein Spo0J to interact with DNA over thousands of base pairs. Shown here is a fluorescent micrograph of *B. subtilis* cells expressing a GFP-Spo0J fusion protein (green) as well as an mCherry fusion to the nucleoid-associated protein HBSu (red). GFP-Spo0J associates with the bacterial chromosome to form centromere-like complexes (bright foci). Shown at the *bottom* is a montage of a single-molecule movie of compaction of an individual flow-stretched DNA molecule by purified Spo0J protein. The DNA was labeled site-specifically with five quantum dots and imaged on a TIRF microscope, demonstrating a novel DNA-bridging activity of Spo0J that is required for complex formation in vivo. [Note: For artistic purposes, a quantum dot nonspecifically bound to the coverslip surface was cropped out of images in the montage.] (For details, see Graham et al., p. 1228.)