Abstract Submitted
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Controlling DNA translocation through nanopores using optical tweezers[1] SHANSHAN WU, XINSHENG SEAN LING, Brown University — One of the key questions regarding DNA translocation studies is the ultimate limit to the spatial resolution of using ionic conductance measurement. We propose a method to improve on the spatial resolution by holding DNA under tension during translocation using optical tweezers. We will discuss the experimental setup and preliminary results.

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