

Abstract Submitted  
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**DNA translocation measurements in solid-state nanopores fabricated using helium-ion microscope** LIPING LIU, Southeast University (Nanjing, China) and Brown University, WANG MIAO, Brown University, CHUONG HUYNH, Zeiss America, QUANJUN LIU, Southeast University, Nanjing, China, XINSHENG LING, Brown University — We report high-quality DNA translocation measurements in solid-state nanopores drilled in free-standing SiN membranes by using a helium-ion beam in a Zeiss helium-ion microscope (HIM). We show that the HIM nanopores have similar performance as the TEM-drilled pores.

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