Electronic Supplementary Information (ESI)

Salt Gradient Driven Ion Transport in Solid-State Nanopores: The Crucial Role of Reservoir Geometry and Size

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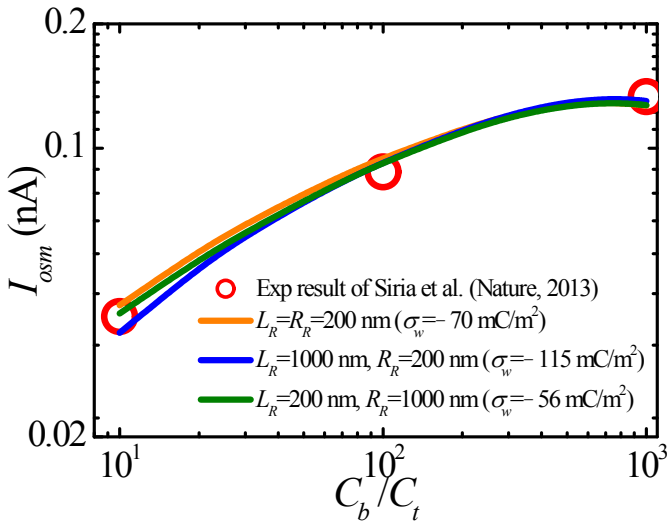

Fig. S1. Dependence of the osmotic current I_{osm} on the bulk salt concentration ratio C_b / C_t at $R_N = 40$ nm, $L_N = 1250$ nm, and $C_t = 1$ mM. Open circles: experimental data of Siria et al.[1] at pH 5.5. Curves: present results under various conditions.

Reference

1. A. Siria, P. Poncharal, A. L. Biance, R. Fulcrand, X. Blase, S. T. Purcell and L. Bocquet, *Nature*, 2013, **494**, 455-458.