Electronic supplementary information to accompany the manuscript:

Thermoelectric Method for Sequencing DNA

Gergana G. Nestorova and Eric J. Guilbeau, Ph.D

Louisiana Tech University, Ruston, LA, USA. Department of Biomedical Engineering.
Emails: ericg@latech.edu; ggnestor@latech.edu

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p.S3 Figure S2  Typical Antimony/Bismuth Thermopile
p.S4 Figure S3  Primer Secondary Structure (31,32)
 p.S5 Figure S4  Thermopile response after injection of non-complimentary dNTP
**Fig.S1.** Two Harvard Apparatus syringe pumps inject 1xPolymerase buffer solution into the inlet ports of the microfluidic device. The sample is injected to the buffer stream supplied to Inlet 2 using a 6-Port injection valve. The thermopile voltage is measured using a nanovolt meter and the signal is recorded using LabView SignalExpress software.
Fig.S2. Anthimony/Bismuth thermopile with 60 thermocouple junctions (A = contact pads, B = polyimide support, C = measuring junctions, D = reference junctions).
Fig. S3. Secondary structure configuration of the primer. 31, 32
**Fig. S4.** Thermopile response after injection of non-complimentary and complimentary dTTP and dGTP, and dATP.