

## POINT-TO-POINT RESPONSE TO EDITORS

26.06.2019

We wish to thank the editor for the additional comments on our manuscript "DNA Origami–Mediated Substrate Nanopatterning of Inorganic Structures for Sensing Applications" (Manuscript ID: JoVE60313R1).

Please find our detailed response to the comments below. We hope that the enclosed revised manuscript (with tracked changes) supported with the new files answers all the minor comments put forth by the editor, and that the manuscript could now be published in this form in *Journal of Visualized Experiments* – please do not hesitate to get in touch if you have any further queries.

Yours sincerely,

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### Editorial comments:

**1. The caDNAno supplemental file is missing. Please provide the sequences of the plasmid and the staple strands in a Table.**

We apologize that overshooting. We have now uploaded the caDNAno file (.json), all staple sequences (.xlsx) and the sequence of M13mp18 (fasta file .txt).

**2. Please revise the highlighting of the protocol to be under 2.75 pages. Additional, many highlighted steps lack the required detail to film. Please include the granular details in the highlighting for the video as these parameters are needed.**

**For example, step 2.3 needs the temperature ramp included in the highlighting for filming.**

We have revised the highlighting and paid extra attention to the details in each step. To avoid unnecessary listing of parameters for the highlighting, we have transfer long lists of parameters from the text to Tables (the thermal ramp, composition of FOB and etching/deposition parameters as .xlsx). The length of the highlighted part (without line breaks) is now 2.5 pages.

**3. Please ensure that this video highlighting tells a complete story for continuity.**

We have carefully went through the highlighted parts and in our opinion the parts form a complete story. The sections that do not include any highlighting are optional or related to final sample characterization (not crucial for the protocol).

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