## Measurement of Electron Transfer through Cytochrome P450 Protein on Nanopillars and the Effect of Bound Substrates

## **Supporting Information**

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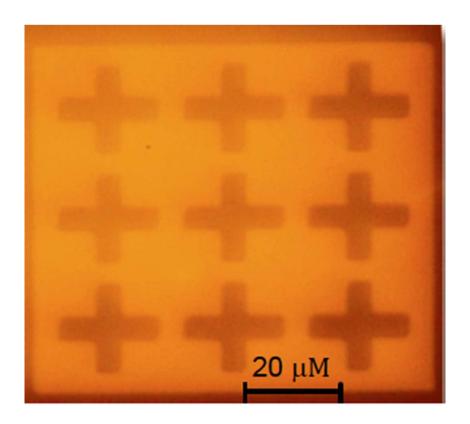
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Figure S1, Mask pattern

Figure S2, Cross pattern after deposition of chromium and gold

Figure S3, SEM and AFM images of the finished nanopillars



**Figure S1**. Mask Pattern. The nine crosses define four interior regions where the nanopillar arrays will be created.

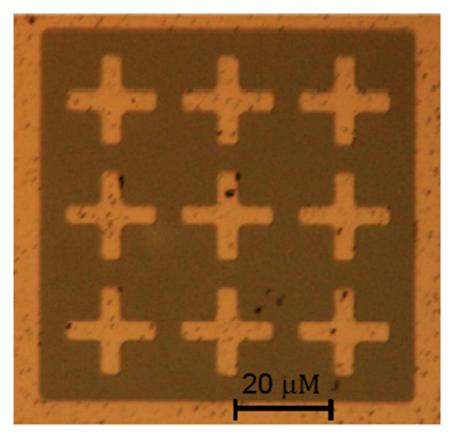
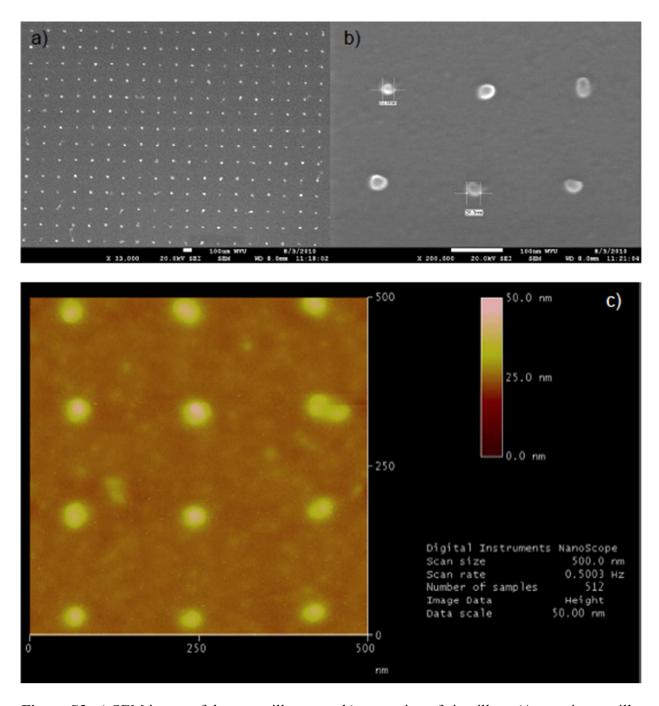


Figure S2. Pattern after deposition of 2 nm Cr and 10 nm Au.



**Figure S3**. a) SEM image of the nanopillar array, b) expansion of six pillars. (Approximate pillar cross-section is 24 nm), and c) AFM image of nanopillar array.