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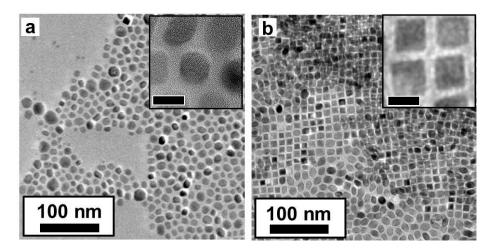
## **Supporting Information**

## Formation of Uniformly Sized Metal Oxide Nanocuboids in the Presence of Precursor Grains in an Apolar Medium

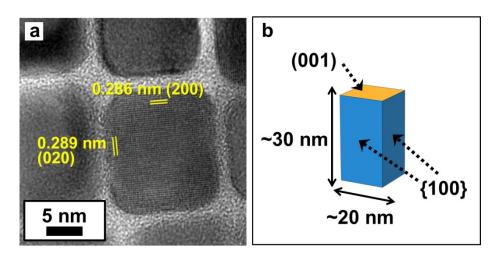
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**Fig. S1** TEM images of Mn<sub>3</sub>O<sub>4</sub> nanocrystals obtained by the amount of oleic acid lower (3.62 mmol) (a) or higher (4.82 mmol) (b) than the standard condition (Scale bars of insets are 10 nm.).



**Fig. S2** HRTEM image of  $Mn_3O_4$  rectangular nanoblocks obtained by addition of twice the amounts of the manganese sources (1.20 mmol), oleic acid (7.94 mmol), and *tert*-butylamine (4.62 mmol) (a). Schematic illustration of the  $Mn_3O_4$  rectangular nanoblock (b).