

Supporting Information

Texture and phase recognition analysis of β -NaYF₄ nanocrystals

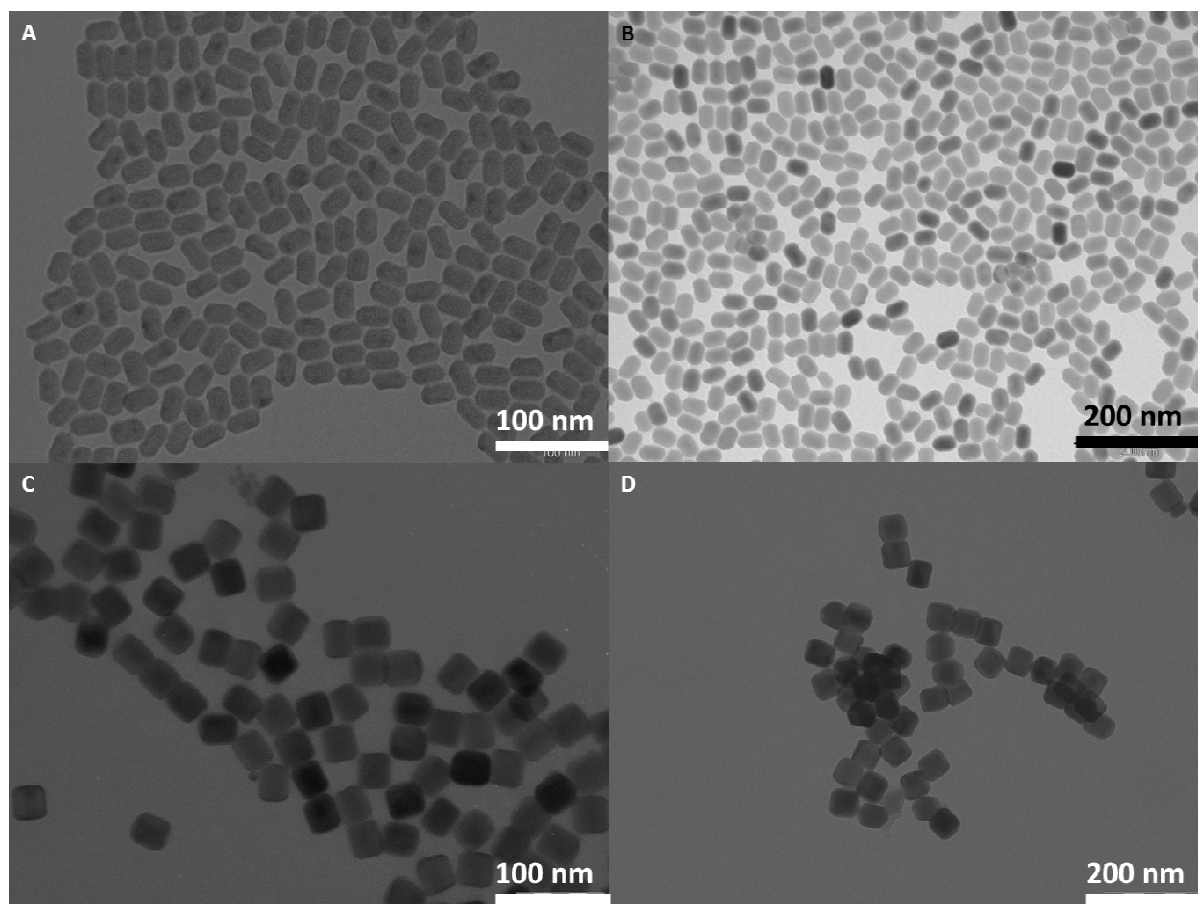
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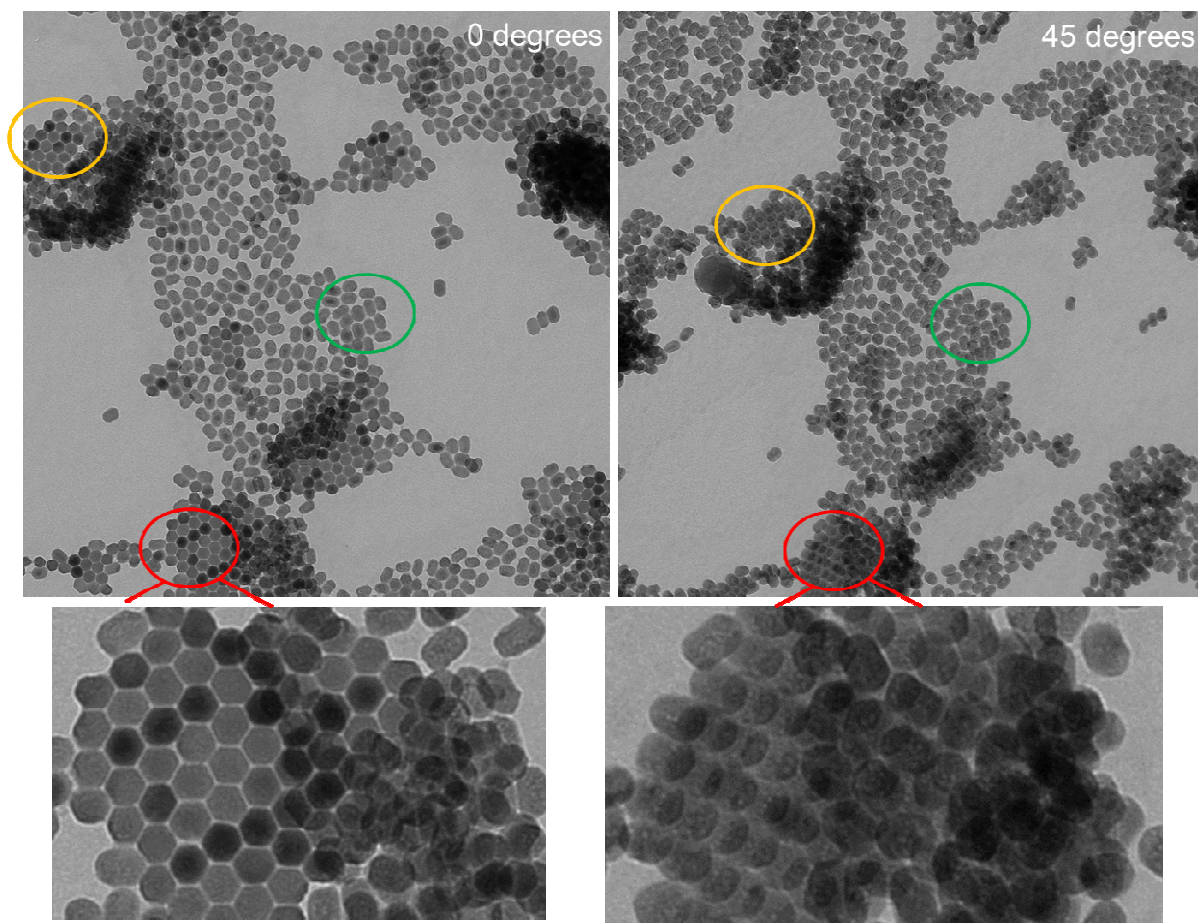
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Figure S1



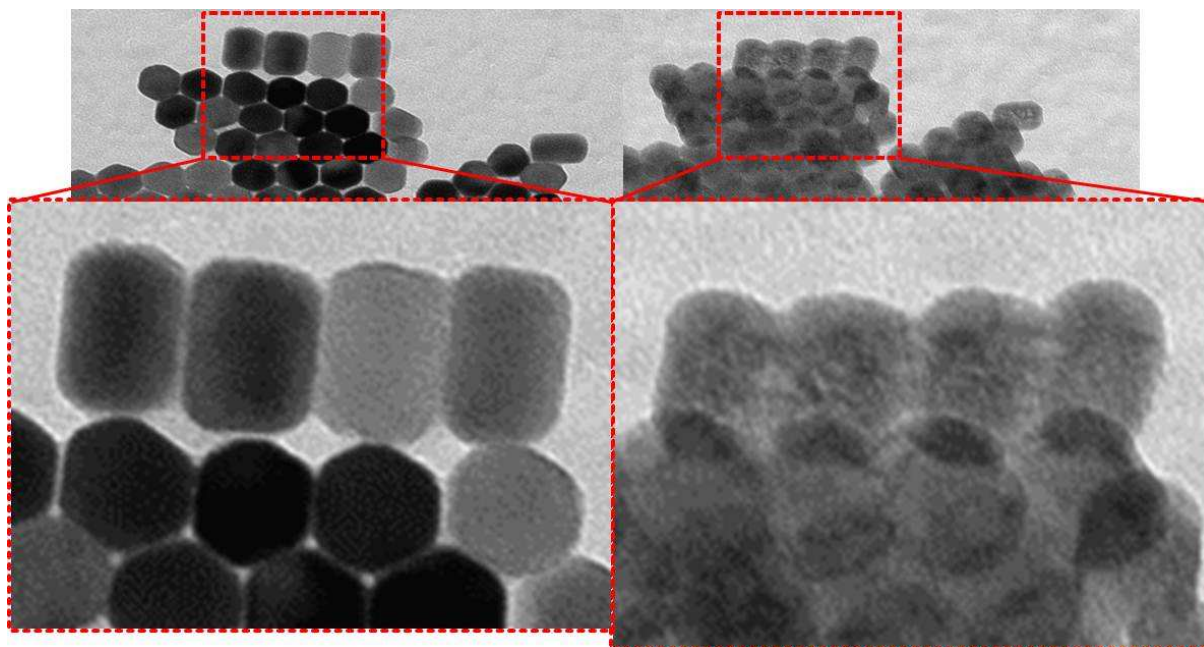
TEM images of the samples A) S1. B) S5. C) S10. D) S11.

Figure S2



TEM images of the sample S5 tilted at 0 and 45 degree. In the three boxes, it is clearly visible that the hexagons display a rod shape after the tilting, while rods become hexagons at a right angle.

Figure S3



TEM images of the sample S5 tilted at 0 and 45 degree. In the zooms it is clearly visible that the hexagons display a rod shape after the tilting, while the rods become hexagons at a right angle.