Supporting Information

Magnetically recoverable [metal] ferrite ([M]Fe₂O₄) nanoparticles as a versatile catalyst platform for oxidative cross dehydrogenative coupling (Csp³-Csp³ or Csp³-Csp)

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TEM images of CuFe₂O₄ nanoparticles before catalysis and after 10 cycles:

Before Catalysis:  

After 10 cycles of catalysis:

Average particle size before catalysis: 34 +/- 11.6 nm  
Average particle size after catalysis: 31 +/- 12.6 nm