SUPPLEMENTARY INFORMATION

for

Facile synthesis, assembly, and immobilization of ordered arrays of monodisperse magnetic nanoparticles on silicon substrates

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I. X-Ray Diffraction (XRD) Analysis

Figure S1. XRD data for ω-alkene-terminated MnFe$_2$O$_4$ nanoparticles.
II. Fourier-Transform Infrared (FT-IR) Spectroscopy

Figure S2. FT-IR spectrum of ω-alkene-terminated MnFe$_2$O$_4$ nanoparticles.
Figure S3. EDX spectrum of \(\omega\)-alkene-terminated MnFe_2O_4 nanoparticles.