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Supporting Information

Tailoring La_{1-x}Sr_xMnO₃ (0.25≤x≤0.35) nanoparticles for Self-regulating Magnetic Hyperthermia Therapy; *In vivo* study

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Figure S1: Magnetization curve for La_{0.75}Sr_{0.25}MnO₃, The inset shows a magnified view of the central region of hysteresis loop



Figure S2: Magnetization curve for La_{0.73}Sr_{0.27}MnO₃, The inset shows a magnified view of the central region of hysteresis loop



Figure S3: Magnetization curve for La_{0.70}Sr_{0.30}MnO₃, The inset shows a magnified view of the central region of hysteresis loop



Figure S4: Magnetization curve for La_{0.67}Sr_{0.33}MnO₃, The inset shows a magnified view of the central region of hysteresis loop



Figure S5: Magnetization curve for La_{0.65}Sr_{0.35}MnO₃, The inset shows a magnified view of the central region of hysteresis loop