

Supplementary Table 2: Temperature Fluctuations at Different Magnetic Field Strengths

Experiment	Treated Group B (μT)	Treated Group T ($^{\circ}\text{C}$)	Control Group B (μT)	Control Group T ($^{\circ}\text{C}$)	ΔT ($^{\circ}\text{C}$)
I	0.5	36.94	0.5	36.94	0.0
II	45.0	36.96	0.72	36.94	0.02
III	100.0	37.09	45.0	37.03	0.06
IV	200.0	37.15	45.0	37.06	0.09
V	300.0	37.17	45.0	37.08	0.09
VI	400.0	37.25	45.0	37.11	0.14
VII	500.0	37.38	45.0	37.15	0.23
VIII	600.0	37.45	45.0	37.16	0.29
IX	700.0	37.56	45.0	37.18	0.38
X	800.0	37.61	45.0	37.19	0.42
XI	900.0	37.74	45.0	37.23	0.51
XII	1000.0	37.91	45.0	37.28	0.63
XIII	1100.0	38.05	45.0	37.32	0.73

J-type thermocouples were used to measure temperature changes and DAQami software was used to record and analyze the data.