

Materials List for:

Geomagnetic Field (Gmf) and Plant Evolution: Investigating the Effects of Gmf Reversal on *Arabidopsis thaliana* Development and Gene Expression

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Materials

Name	Company	Catalog Number	Comments
Three-axis magnetometer	Bartington	Mag-03MC	triaxial fluxgate magnetometer
Magnetometer power supply	Bartington	Mag-03PSU	triaxial fluxgate magnetometer
Magnetometer software	Bartington	Mag03DAM	triaxial fluxgate magnetometer
DC power supply	Agilent Technologies	E3642A	
Calcium hypochlorite	Sigma	211389	
Triton X-100	Sigma	X100	
Ethanol	Sigma	2860	
GroLux Sodium vapor lamps	OSRAM Sylvania	600W	
RNeasy Plant RNA kit	Qiagen	74903	
RNase-Free DNase	Qiagen	79254	
Agilent 2100 Bioanalyzer	Agilent Technologies	G2938B	
NanoDrop ND-1000	Thermo Fisher Scientific	not available	
High-Capacity cDNA Reverse Transcription Kit	Applied Biosystems	4368813	
Mx3000P	Agilent Technologies	401512	
2x Maxima TM SYBR Green qPCR Master Mix	Fermentas International, Inc	K0221	
Parafilm	Sigma	P7793-1EA	
Murashige and Skoog Basal Medium	Sigma	M5519	
Petri dish square (120 x120 mm ²)	Sigma	Z692344	