

Materials List for:

Determination of DNA Methylation of Imprinted Genes in *Arabidopsis* Endosperm

Matthew Rea¹, Ming Chen¹, Shan Luan¹, Drutdaman Bhangu¹, Max Braud¹, Wenyan Xiao¹

¹Department of Biology, Saint Louis University

Correspondence to: Wenyan Xiao at wxiao@slu.edu

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Materials

Supplies

- Dissecting Microscope
- Scissors
- Fine Tip Forceps
- Jewelry Tag
- Plant Stakes
- String or Twist-Ties
- 4" X 2" X 8" Polyethylene Bags
- 3" X 1" X 1.0 mm Microscope Slides
- Liquid Nitrogen
- Liquid Nitrogen Containers
- Heat Block
- PCR Tubes
- Thermocycler
- Microcentrifuge Tubes
- Microcentrifuge
- Gel Electrophoresis facility
- *Arabidopsis thaliana* Columbia-0 Plants
- *Arabidopsis thaliana* Landsberg erecta Plants

Reagents

- 70% Ethanol
- 95% Ethanol
- 100% Ethanol
- 0.3 M Sorbitol and 5 mM MES-pH 5.7
- Cetyltrimethyl Ammonium Bromide (CTAB)
- 100% Ethanol
- Chloroform
- Restriction Enzymes
- 3 M NaOH
- 6.3 M NaOH
- 6.24 M Urea/ 4 M Sodium Bisulfite
- Sterile distilled H₂O
- 10 mM Hydroquinone
- Wizard DNA Clean-Up System (Promega)
- 10 M NH₄OAc
- 20 µg/ µL tRNA
- TE buffer
- The TOPO TA Cloning Kit (Invitrogen)