

T-DNA PROJECT OVERVIEW

INFORMATICS

T-DNA Computational Line Management



SEED PLATING

Seed Allocation



Seed Plating & Germination



PLANT SEGREGATION

Transfer Seedlings From Petri Dishes to Pots with Soil



LEAF CUTTING

Plant Tissue Removal for DNA Extraction

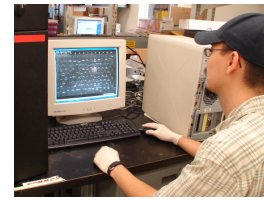


PLANT GENOTYPING

Robotic PCR Set Up



HTP Gel Electrophoresis

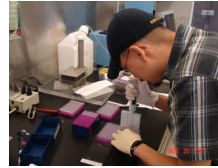


Computerized Gel Scoring

Reconfirmation

RECONFIRMATION

Questionable Hm Lines Are Genotyped a 2nd Time

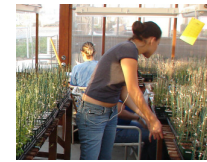


T-DNA Hm LINE SELECTION

Weeding Out of Hz & Wt Plants



Staking of Hm Specimens



Reconfirmation

COLLECTION

Line Bar Coding, Seed Harvest & Allocation

QC CHECK

Hm Line Validation



SHIPMENT

Line Scanning & File Update



Seed Stock Splitting

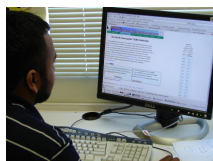


Ship Hm Lines to ABRC



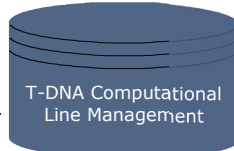
WEBSITE UPDATE

File & Website Update



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Back to



- Arabidopsis Gene Ontology Collection
- Salk Insertion Sequence Database
- Arabidopsis Tiling Array Transcriptome
- Salk Homozygote T-DNA Collection
- High Resolution Arabidopsis Methylome
- Single Feature Polymorphism Database
- Perlegen Arabidopsis Resequencing
- Rice Functional Genomics Database



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