MATERIALS

Genomic library: Genomic library of *Arabidopsis thaliana* constructed into the vector lambda EMBL-3 was kindly provided by Elliot Meyerowitz (California Institute of Technology).

Radioactive Chemicals: $\alpha^{-32}p$ dCTP and $\alpha^{-32}p$ dATP (specific activity 3000 Ci/nmol) were obtained from BARC, Bombay.

Chemicals: Lysozyme, RNase, DNase, Ficoll, Formamide, Tris.HCl, DTT, BSA, $\beta$-mercaptoethanol, Ethidium bromide, SDS, EDTA-sodium salt, EDTA-sodium ferric salt, Vitamins, 4-Methylcoumarin, antibiotics like Kanamycin, Rifampicin, Ampicillin, Chloramphenicol, Carbenicillin etc., were obtained from Sigma Chemical company. Yeast extract, Bactoagar, Bactotryptone, Luria Broth mixture and Murashige and Skoog medium were obtained from Hi-media laboratories. Agarose (Seakem, LE grade) was obtained from Marine colloids division of FMC corporation. Various restriction enzymes, Klenow, $T_4$ DNA ligase were purchased from New-England Biolabs, Amersham International, USB, Promega, Stratagene, BRL. Random-primer kits were purchased from USB and New England Biolabs. Membrane filters were purchased from Stratagene, Hybond N$^+$ and Hybond N filters from Amersham International. X-ray film from Kodak, Hyperfilm MP from Amersham International and Indu from Rege.
Products. X-gal, IPTG and X-magenta were obtained from Biosynth AG, Switzerland. X-gluc and MUG purchased from Gold Biotechnology Inc., St. Louis, USA.

Other chemicals were purchased from various indigenous sources like BDH, SRL, SD Fine chemicals, Glaxo etc., and were of the highest purity available. Seed of *Nicotiana tabacum* strain Xanthi were procured from Plant Biology Division, Ardmore, OK, USA.