

(designed using the rules in **Subheading 3.2.**) work in all aphid species, and in other insects, e.g., *Myndus*.

References

1. Sambrook, J., Fritsch, E. F., and Maniatis, T. (1982) *Molecular Cloning: A Laboratory Manual*, 2nd ed. Cold Spring Harbor Laboratory, Cold Spring Harbor, NY.
2. Pappu, S. S., Brand, R., Pappu, H. R., Rybicki, E. P., Gough, K. H., Frenkel, M. J., and Niblett, C. L. (1993) A polymerase chain reaction method adapted for selective amplification and cloning of 3' sequences for potyviral genomes: application to dasheen mosaic virus. *J. Virol. Methods* **41**, 9–20.
3. Rogers, S. O. and Bendich, A. J. (1985) Extraction of DNA from milligram amounts of fresh, herbarium and mummified plant-tissues. *Plant Mol. Biol.* **5**, 69–76.
4. Logemann, J., Schell J., and Willmitzer, L. (1987) Improved method for the isolation of RNA from plant tissues. *Anal. Biochem.* **163**, 16–20.
5. McPherson, M. J., Oliver, R. O., and Gurr, S. J. (1992) The polymerase chain reaction, in *Molecular Plant Pathology: A Practical Approach*, vol. 1 (Gurr, S. J., McPherson, M. J., and Bowles, D. J., eds.), IRL, Oxford, New York, and Toronto, pp. 123–146.
6. Taylor, G. R. (1991) Polymerase chain reaction: basic principles and automation, in *PCR: A Practical Approach* (McPherson, M. J., Quirke, P., and Taylor, G. R., eds.), IRL, Oxford, New York, and Toronto, pp. 1–14.
7. He, Q., Marjamaki, M., Soini, H., Mertsola, J., and Viljanen, M. (1994) Primers are decisive for sensitivity of PCR. *BioTechniques* **17**, 82–87.
8. Gelfand, D. H. and White, T. J. (1990) Thermostable DNA polymerases, in *PCR Protocols: A Guide to Methods and Applications* (Innes, M. A., ed.), Academic, San Diego and London, pp. 129–141.
9. Siebert, P. D. and Larrick, J. W. (1992) Competitive PCR. *Nature* **359**, 557–558.
10. Gilliland, G., Perrin, S., Blanchard, K., and Bunn, H. (1990) Analysis of cytokine mRNA and DNA: detection and quantitation by competitive polymerase chain reaction. *Proc. Natl. Acad. Sci. USA* **87**, 2725–2729.
11. Blais, B. W. (1994) Transcriptional enhancement of the *Listeria monocytogenes* PCR and simple immunoenzymatic assay of the product using anti-RNA:DNA antibodies. *Appl. Environ. Microbiol.* **60**, 348–352.
12. Nolasco, G., de Blas, C., Torres, V., and Ponz, F. (1993) A method combining immunocapture and PCR amplification in a microtiter plate for the detection of plant viruses and subviral pathogens. *J. Virol. Methods* **45**, 201–218.
13. Brandt, S., Himmler, G., and Katinger, H. (1993) Application of the immunocapture polymerase chain reaction (IC/PCR) for detection of grapevine viruses in woody material. *Mitteilungen Klosterneuburg* **43**, 143–147.
14. Demeke, T. and Adams, R. P. (1992) The effects of plant polysaccharides and buffer additives on PCR. *Biotechniques* **12**, 332–334.
15. Fang, G., Hammar, S., and Grumet, R. (1992) A quick and inexpensive method for removing polysaccharides from plant genomic DNA. *Biotechniques* **13**, 52–55.