



© *Kamla-Raj* 2003

PRINT: ISSN 0972-3757 ONLINE: 2456-6360

*Int J Hum Genet*, 3(1): 1-4 (2003)

DOI: 10.31901/24566330.2003/03.01.01

## **AZFc Deletions in Idiopathic Infertile Males from South India**

**M. Swarna, S. Ramesh Babu and P.P. Reddy**

*Institute of Genetics & Hospital for Genetic Diseases, Begumpet, Hyderabad 500 016,  
Andhra Pradesh, India*

**KEY WORDS** Infertile males; microdeletions; sequence tagged sites

**ABSTRACT** The frequency of Y chromosome microdeletions was studied on idiopathic infertile males with normal karyotype. Genomic DNA was isolated from peripheral blood and PCR analysis was carried out with STS markers – SY 158 and SY 254 to detect the AZFc mutations. Out of 50 infertile males analyzed, four males exhibited AZFc deletions. The SY 158 deletions were observed in three males, viz., azoospermic, severe oligozoospermic and oligozoospermic males. In one azoospermic male SY 254 deletion was observed.

---

[Home](#)      [Back](#)

---