

et al. 1995; Friebe *et al.* 1996). Relying heavily on cytogenetic tools, new sources of

manipulation. People now realise that chromosome structure and function determine gene regulation, expression, and silencing. Cytogenetics has now become an integral part of genome analysis.

Wheat genetic stocks developed using cytogenetics techniques

Because of polyploidy, the wheat genome is highly buffered and can tolerate a high degree of aneuploidy, especially compared to diploid species. Using traditional cytogenetic techniques, E.R. Sears de

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