

F₂ Genetic Tests for the Association of Monosomes and Telosomes
With Marker Genes - 1985.

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F₂ seed were obtained from several monosomic and telosomic F₁'s to produce an F₂ population to confirm the nonassociation or association of marker genes and specific chromosomes. These results are given in Table 4 and they show that all results except chromosome 16 and ac are negative, indicating that the genes are not located on these chromosomes or chromosome arms. The association of ac with mono 16 confirms the Texas observation. In all cases, the F₂ progeny of both the aneuploid and its disomic sib were scored for segregation of the characters.

Table 4. Genetic tests for the association of marker genes with monosomes and telosomes - 1985. - = not associated, + = associated.

Mono- or Telosome	v ₁	v ₄	v ₉	pg	ac	cu	fg	gl ₁
Mono 4 F ₂			-					
Mono 6 F ₂				-				
Mono 7 F ₂			-	-				
Telo 7S F ₂		-						
Mono 16 F ₂			-	-	+			
Mono 22 F ₂		-						
Mono 25 F ₂		-						
Telo 25L F ₂	-					-	-	-