

## SEGREGACION MENDELIANA DE FENOGRUPOS ERITROCITARIOS EN BOVINOS CRIOLLOS POR EL MÉTODO “TORO - FAMILIA”

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*RESUMEN:* Como continuación de las investigaciones realizadas sobre Inmunogenética en Bovinos Criollos de Argentina, presentamos algunos resultados de segregación de “Marcadores ‘rimunogénéticos’ o Fenogrupos Sanguíneos paternos por el Método “Toro-Familia” (Stormont et al., 1951; Miller, 1960) que promueven pautas de interés para el reconocimiento e identificación genética de esta singular raza bovina. La segregación y frecuencia de cada fenogrupa, especialmente del Sistema B, inducen a clarificar la Herencia Mendeliana Grupal en estudios raciales específicos. Se analizan 10 locus génicos en correspondencia a 10 Sistemas de Grupos Sanguíneos Eritrocitarios de esta especie animal. **Analecta Veterinaria 10 (1): 41-53, 1978**

## ANALYSIS OF MENDELIAN SEGREGATION OF ERYTHROCYTE PHENOGRUUPS IN CRIOLLO CATTLE BY THE SIRE FAMILY METHOD

*SUMMARY:* As a continuation of the immunogenetic research on Criollo cattle of Argentina, we present segregation results of several Immunogenetic markers or phenogroups of the sire's blood by the Sire Family method. This model method serves as a guide to characterize and genetically identify this unique bovine type. The segregation and frequency of each phenogrupa, especially of the B system, clarifies its Mendelian heredity and the comparative position of Criollo cattle in specific breed studies. Ten genetic loci are analyzed corresponding to ten erythro. In the Chapters II and III planification basis are considered, named objectifies, showing the operative magnitude of the Programmed for different areas of the country, with especial emphasis in the animal dynamics population the programmed actions for the control and eradication of the disease for areas in differents places: rural, urban and suburban. Moreover, a theoric study about the necessary budget and ways to implement it, it's done in basí to global estimation in the diferent areas of the country. In the Chapter IV, themes about Sanitary Education, according to operative level, are elaborated; with according of the proposal objectifies, for the regional and chronological programation. In the Chapter V it is prossed the necessity of legal and reglamentary reformes of the actual system. And the Chapter VI, give some indispensables techniques bases for control and evaluation of the elaborated National Plan. **Analecta Veterinaria 10 (1): 41-53, 1978**