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DETECTION OF LINKAGE BETWEEN THE GENES FOR THE BLOOD GROUP SYSTEM MNSs AND THE GENE FOR PTOSIS CONGENITALIS HEREDITARIA SIMPLEX

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Summary

In Switzerland a pedigree of 103 affected people with hereditary congenital uncomplicated ptosis and irregularly dominant inheritance was described. More than 400 possible linkage relations were tested from data involving 34 serological and anthropological systems of chromosome markers and 130 sibpairs.

A highly probable linkage between the blood group system MNSs and the gene responsible for ptosis is demonstrated.

The usefulness of the serological and anthropological chromosome markers is discussed.