(Lander and Botstein, 1986). Conclusions from the present study would indicate that markers on chromosome 11 should be investigated, if the analysis of linkage between TPOCA and the HLA loci shows these loci not to be linked.

6.5 Conclusion

" The question of the hour now shifts from 'how do we get there or know when we are there?' to 'what can we learn once we have arrived?' "(Orkin, 1986).

The RFLPs reported here are found in populations that represent three major racial groups: the San, Negroids and Caucasoids. They are not confined to specific populations, although their allele frequencies differ, and are potentially useful as genetic markers in gene mapping, in medical applications and in anthropological studies. If the polymorphisms are not ideally suited to mapping the genome, they may further the understanding of genome organization.

A finding of clear relevance to the understanding of human evolution is the ubiquity of the polymorphisms. It would be premature to reach specific conclusions on the evolutionary factors involved, but as more population data on DNA polymorphisms are collated, some answers as well as other questions can be anticipated.

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