Abstract

Congenital atrichia is a rare autosomal recessive disorder of hair development, characterized by complete loss of hair. This study describes the genetic analysis of five Palestinian families of Arab origin, where the affected individuals were homozygous for a frameshift mutation in the "ATRCH" gene, leading to a premature termination codon. The study highlights the genetic basis of this rare condition and its implications for family counseling and genetic counseling.
The formation of a hair follicle involves a complex series of reciprocal interactions between the dermis and epidermis.
densation of a cluster of mesenchymal cells that will eventually form the dermal papilla. The dermal papilla...
There are many forms of inherited alopecia or hair loss, showing extensive variation in age of onset, severity, and distribution of hair loss. In some cases, hair growth completely ceases, a new hair is never induced, and the result is a complete form of inherited alopecia.