

Present Day Mutations Show Theoretical Possibility of Various Human Hair Appearances Arising from a Pristine Human Hair Type in Antiquity



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Opinion

It is quite obvious that the different ethnicities on earth today exhibit various hair appearances. Such appearances include straight, wavy, curly etc. How did this come about? According to creationists all of humanity is descended from just two people and variations among mankind (according to some creationists) arose via inbreeding. [1,2] How viable is this hypothesis, scientifically speaking?

That mutations can change hair appearance is demonstrated by the following hair related conditions: Also, normal variations (polymorphisms) in the genes EDAR, FGFR2 and TCHH appear to affect hair texture (Table 1). [3] The above show it is theoretically possible that the different appearances/textures of human hair on earth today could have arisen from a pristine hair appearance/texture via mutations triggered by inbreeding.

Table 1.

Hair Condition	Associated Mutation
Uncombable Hair Syndrome	mutations in the PADI3, TCHH, or TGM3 gene
Monilethrix	mutations in the DSG4, KRT81, KRT83, or KRT86 gene
Keratoderma with woolly hair	caused by mutations in the JUP, DSP, DSC2, or KANK2 gene
Autosomal recessive hypotrichosis	caused by mutations in the DSG4, LIPH, or LPAR6 gene

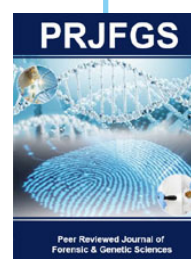
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