

Present Day Mutations Prove Theoretical Possibility of Prehistoric/Historical Emergence of East Asian Phenotype from Caucasians via Inbreeding



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Short Communication

Table 1

Condition	Associated mutation
Down's syndrome	presence of all or part of a third copy of chromosome 21
Foetal alcohol syndrome	Chromosomal microduplications or microdeletions [1]
Turner syndrome	Female partly or completely missing an X chromosome
Phenylketonuria	Mutations in the PAH gene which results in low levels of the enzyme phenylalanine hydroxylase. This results in the build-up of dietary phenylalanine to potentially toxic levels
Williams syndrome	a deletion of about 27 genes from the long arm of one of the two chromosome 7s
Noonan syndrome	autosomal dominant congenital disorder
Rubinstein-Taybi syndrome	Defects in the genes CREBBP and EP300
Blepharophimosis syndrome	mutations in the FOXL2 gene

One of the characteristic physical features of East Asians is the presence of an epicanthus i.e. epicanthic fold. Under some medical conditions however, Europeans do exhibit this trait. Medical conditions causing anomalous epicanthic folds and mutations associated with such conditions include in Table 1. The above are all harmful mutations producing epicanthic folds as just one

of the associated features. Epicanthic folds by themselves are not harmful, so it is not completely unreasonable to suggest that sometime in the past harmless mutations could have produced epicanthic folds. And these harmless/neutral mutations could've been triggered by inbreeding among early men.

Hypothesis

creationists insist all human beings descended from just two people. If this is true those first two humans were probably extreme Caucasians [1,2], with descendants getting darker due to increasing melanin levels via inbreeding. Inbreeding can likewise account for the emergence of "slant eyed" Asians from Caucasian ancestors via harmless mutations [3,4].

References

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