Answer

Correction to the sequence of the donor splice site of intron 2 of the GSD1b gene

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Received 23 January 1999

Comparison of the sequence of the GSD1b gene from DNA of normal healthy individuals with that deduced from our original genomic clone of this gene has revealed that the genomic plasmid originally sequenced had undergone, what we consider, a cloning artifact which resulted in the insertion of a GTG triplet in the donor splice site of intron 2.

Therefore the correct sequence of the first nucleotides of the intron between exon 2 and exon 3 is 'GTGAGT' and not 'GTGGTGAGT' as we initially reported [1]. As a consequence of this correction, the proposed mutation observed in patient 10 is no longer significant.

This agrees with the findings of Dr Lam's laboratory, who have found that the correct sequence in all tested individuals is the one missing the GTG triplet [2]. We apologize for any inconvenience due to this unfortunate event.

References

[1] Marcolongo, P., Barone, V., Priori, G., Pirola, B., Giglio, S., Biasucci, G., Zammarchi, E., Parenti, G., Burchell, A., Benedetti, A. and Sorrentino, V., Structure and mutation analysis of the glycogen storage disease type 1b gene., FEBS Lett. 436, 247–250.
[2] Lam, C. -W., Chan, B. -Y. and Tong, S. -F., A polymorphism at a consensus splice site in the human glucose-6-phosphate translocase gene? FEBS Lett., this issue.

PII: S0014-5793(99)00168-4