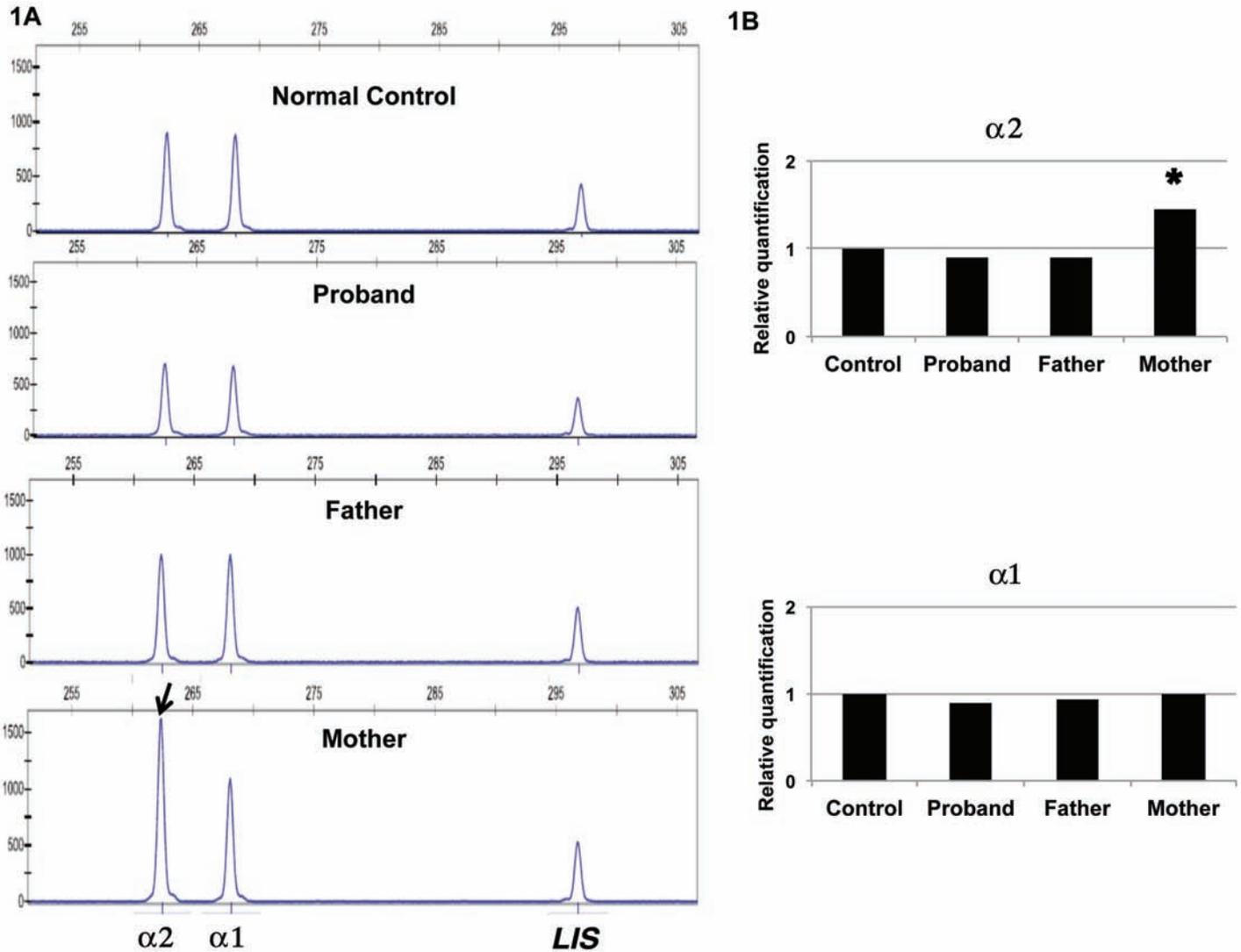


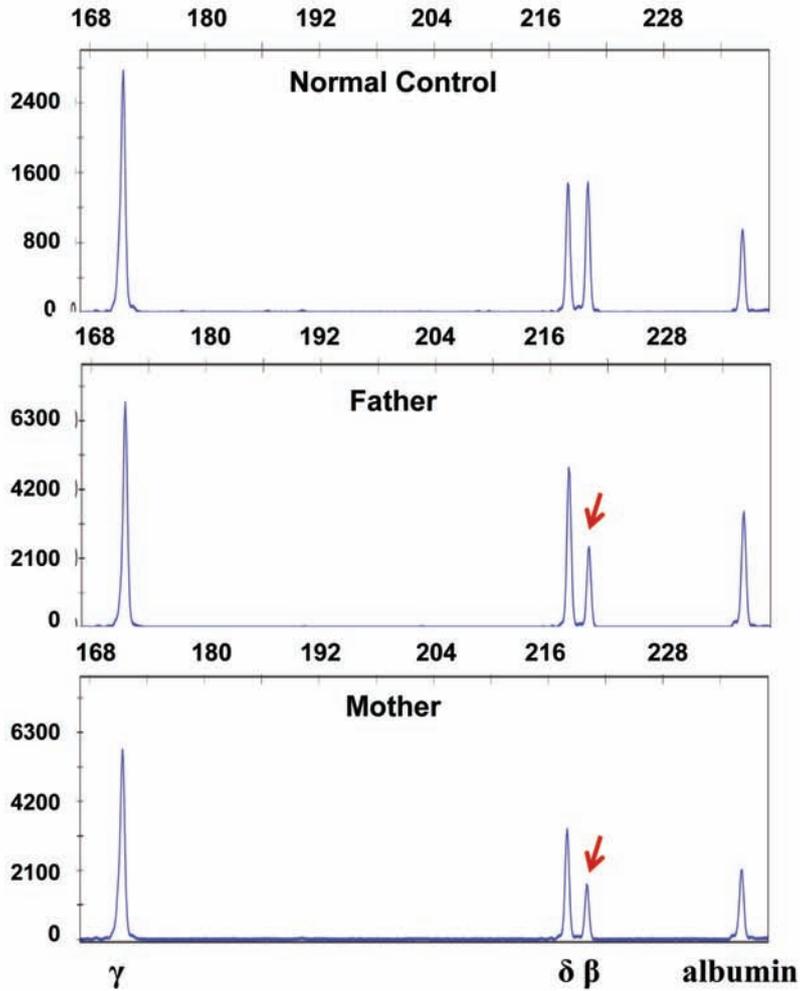
A novel deletion of β -globin promoter causing high HbA₂ in an Indian population

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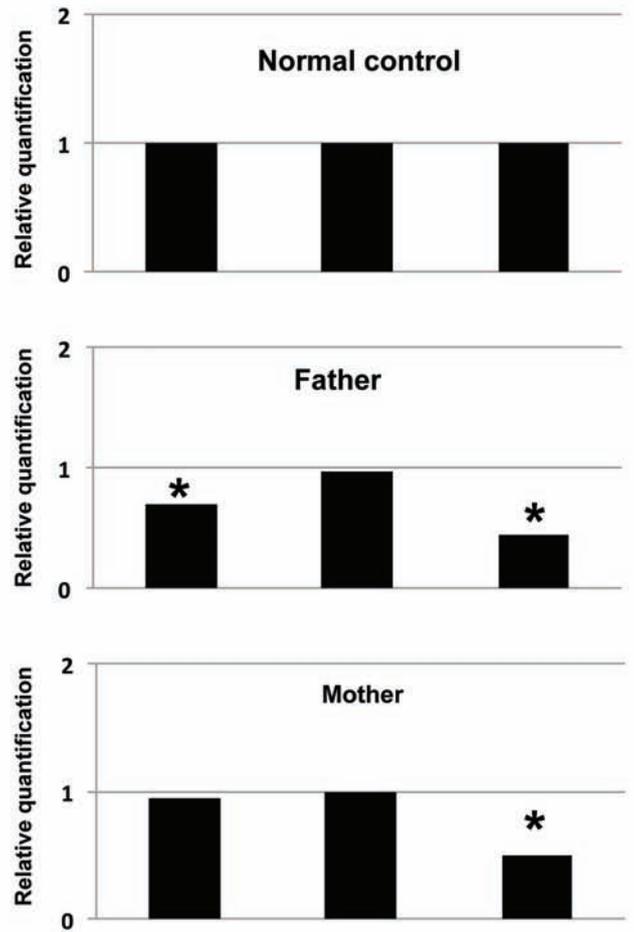
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1C



1D



Online Supplementary Figure S1. Genomic quantitative PCR for gene dosage analysis to calculate the copy numbers of globin genes in the family. (A) Electropherogram showing the peaks obtained from the amplified α globin genes in normal control, patient and parents. Mother's DNA shows increase in copy number of $\alpha 2$ globin gene, patient and father's DNA showing normal copy number of $\alpha 2$ gene. (B) Normalized peak heights showing the exact copy numbers of α globin genes in the family. (C) Electropherogram and (D) normalized peak heights of the amplified products from γ , δ and β globin genes in the parents showing deletion of one of the β globin genes present in them.