Correction. In the article "Genetic heterogeneity in type 1 Gaucher disease: Multiple genotypes in Ashkenazic and non-Ashkenazic individuals" by Shoji Tsuji, Brian M. Martin, John A. Barranger, Barbara K. Stubblefield, Mary E. LaMarca, and Edward I. Gynns, which appeared in number 7, April 1988, of *Proc. Natl. Acad. Sci. USA* (85, 2349–2352), the authors request that the following corrections be noted. In the left column, beginning on line 17, on p. 2350 "A 19-mer oligonucleotide with the normal sequence (5' TACCCTAGAACCTCCTGTA 3', probe A), a 19-mer oligonucleotide with the adenosine to guanosine substitution (5' TACCCTAGAGCCTCCTGTA 3', probe B), and an 8-mer primer oligonucleotide (5' ACAGGAGG 3') were synthesized as described above" should read "A 19-mer oligonucleotide with the normal sequence (5' TACCCTAGAACCTCCTGTA 3', probe A), a 19-mer oligonucleotide with the adenosine to guanosine substitution (5' TACCCTAGAGCCTCCTGTA 3', probe B), and a 9-mer primer oligonucleotide (5' TACAGGAGG 3') were synthesized as described above." The complete nucleotide sequences of the oligonucleotides used for hybridization analysis were given correctly in Figs. 1 and 2. Thus, as indicated, the oligonucleotide sequences given in *Materials and Methods* were one base short. Although either set of oligonucleotide probes can be used for the identification of the Asn → Ser mutation in exon 9, for consistency in the manuscript, sequences reported in both places should agree.