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- 23. DAIGER SP, LABOWE ML, PARSONS M, WANG L, CAVALLI-SFORZA LL: Detection of genetic variation with radioactive ligands. III. Polymorphic electrophoretic variants of vitamin B₁₂ binding proteins (transcobalamin II) in plasma. In preparation
- 24. RUMMEL DP, DAIGER SP, CAVALLI-SFORZA LL: Electrophoretic variants of thyroxine binding proteins. In preparation

Erratum

In the paper "Probable Genetic Linkage between Autosomal Dominant Retinitis Pigmentosa (RP)and Amylase (AMY_2) : Evidence of an RP Locus on Chromosome 1 "by Spence et al. (Am J Hum Genet 29:397-404, 1977), a lod score of 3.9 was reported for the retinitis pigmentosa and serum amylase loci. While undertaking additional analyses of this large pedigree (RP01), an error was discovered. For the serum amylase, Duffy, and Lutheran blood group loci in the previous analyses, the gene frequencies for the A and B alleles were reversed. In a pedigree where all individuals are phenotypically identified by laboratory studies, this would have no effect on the computation of the lod scores. However, in an extended pedigree where numerous individuals are unknown, this error has a tremendous impact. The corrected lod scores with RP and these three loci are given in table 1.

None of the corrected scores achieve statistical significance. The scores for the amylase and Duffy loci vs. other markers in the original report should be disregarded. All of the other scores reported have been verified and are correct. The score between the RP and Rh loci remains at 2.5, giving some indication that an RP locus may be on chromosome 1; however, there is no evidence at this time to substantiate this preliminary gene assignment.

TABLE 1Lod Scores for Retinitis Pigmentosa and Serum Amylase, Duffy, and Lutheran loci
(Recombination Fraction θ)

Loci	Family RP01	.01	.05	. 10	.20	.30	.40
AMY ₂	B C	0.03 -0.36	0.02 -0.33	.0.02 -0.30	0.01 -0.24	0.00 -0.17	0.00 -0.09
Total		-0.33	-0.31	-0.28	-0.23	-0.17	-0.09
<i>Fy</i>	B C	-3.19 -0.94	-1.17 -0.35	-0.41 -0.17	0.13 -0.06	0.26 -0.03	0.20 -0.01
Total	•••	-4.13	-1.52	-0.58	0.07	0.23	0.19
Lu	B C	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
Total	•••	0.00	0.00	0.00	0.00	0.00	0.00

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