**Supplemental Results**

*Haplotype analysis*

CytoScan HD SNP array values on chromosome 12 of four selected individuals from the two geographically separated pedigrees were compared (see Supplemental data set S1 – SNP analysis). In this comparison, in addition to two other matching regions, a stretch of 1.2 MB containing 337 consecutive SNPs was found on chromosome 12 (32.186.868 bp to 33.369.315 bp) in which all 337 SNPs in these four individuals shared at least one allele. This region encompasses the *PKP2* gene (32.943.680-33.049.780 bp) completely (all genomic positions are in GRCh37). In a control experiment using four unrelated samples, investigated for other reasons, no stretch of a homologous allele in this region of chromosome 12 was found. These comparisons provide support for a shared haplotype, supporting a common ancestor (prior to the late 17th century).