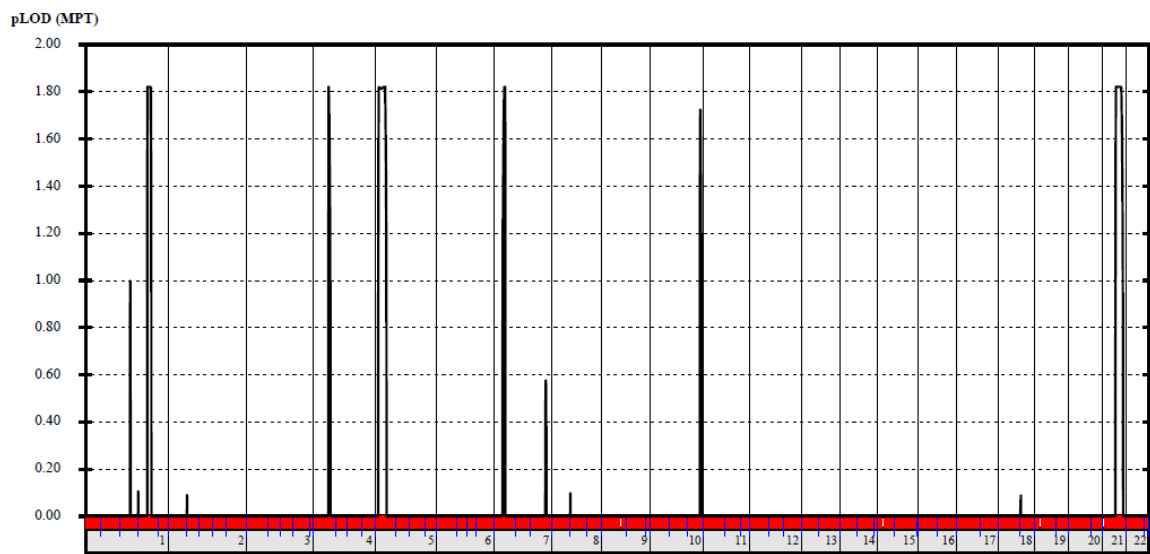
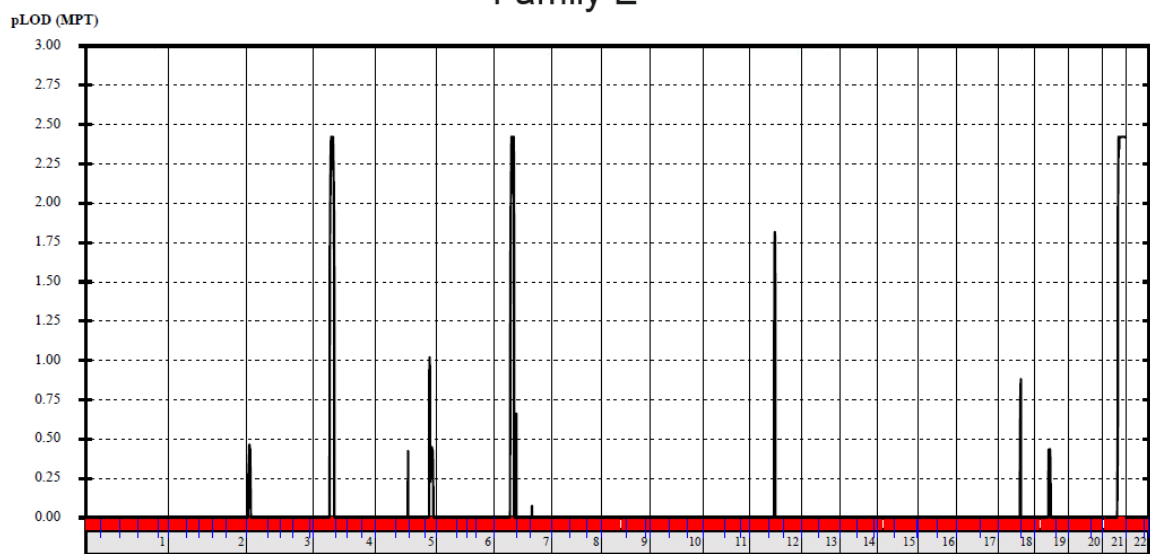


Supplementary Figure 1

Family D



Family E



Result of linkage analysis for families D and E. Multipoint linkage analysis was performed with GeneHunter version 2.1r5 in the EasyLinkage software package. An autosomal recessive mode of inheritance with 95% penetrance and a disease allele frequency of 0.001 were used for linkage analysis.