**Supplementary Table 1. Two-point LOD scores for linkage between cataract locus and chromosome 22 markers**

|  |  |  |
| --- | --- | --- |
| **Marker** | **Genetic distances （cM）** | **LOD scores at recombination for values of θ** |
| **0** | **0.01** | **0.05** | **0.1** | **0.2** | **0.3** | **0.4** | **Zmax** |
| D22S315 | 21.74  | 0.40  | 0.30  | 0.27  | 0.25  | 0.20  | 0.14  | 0.08  | 0.40  |
| D22S1167 | 24.74  | 1.32  | 1.27  | 1.14  | 0.81  | 0.73  | 0.69  | 0.39  | 1.32  |
| D22S280 | 31.30  | 1.85  | 1.64  | 1.32  | 1.16  | 0.85  | 0.65  | 0.48  | 1.85  |
| D22S277 | 36.22  | 2.39  | 2.18  | 1.82  | 1.65  | 1.33  | 1.12  | 0.89  | 2.39  |
| D22S283 | 38.62  | 2.69  | 2.39  | 2.19  | 1.98  | 1.53  | 1.02  | 0.48  | 2.69  |
| D22S284 | 46.42  | 1.36  | 1.07  | 0.99  | 0.84  | 0.66  | 0.43  | 0.31  | 1.36  |