**Supplementary Table S2.** Haplotype Association Tests for the HGF Gene by FBAT Analysis with High Myopia as a Qualitative Trait*

<table>
<thead>
<tr>
<th>Haplotype</th>
<th>HF</th>
<th>Additive model</th>
<th>Dominant model</th>
<th>Recessive model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>n</td>
<td>Z score</td>
<td>p value</td>
</tr>
<tr>
<td>HGF5-5b</td>
<td>HGF9</td>
<td>HGF10b</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>1</td>
<td>0.406</td>
<td>101</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
<td>1</td>
<td>0.257</td>
<td>78</td>
</tr>
<tr>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0.554</td>
<td>97</td>
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<tr>
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<td>0.263</td>
<td>81</td>
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<tr>
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<td>0</td>
<td>1</td>
<td>0.432</td>
<td>100</td>
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</tr>
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<td>0</td>
<td>2</td>
<td>1</td>
<td>0.184</td>
<td>73</td>
</tr>
</tbody>
</table>

* FBAT analysis was performed with high myopia being considered as a dichotomous qualitative trait: affected with high myopia (MSE \( \leq -10.0 \) D) or unaffected. HF, haplotype frequency; \( n \), the number of informative families in which there is at least one heterozygous parent. Alleles 1 and 2 are the major and minor alleles, respectively. For the sake of easy discussion, a zero (0) is inserted where one of the three SNPs is not included in the haplotype concerned. The degree of freedom is denoted as \( df \), and indicates the number of haplotypes tested in the global statistic for a given set of haplotypes involving two or three SNPs. Note that haplotypes with frequency <0.15 or with the number of informative families <10 are not shown. The \( Z \) scores are shown in bold if outside the range of ±2.000. The \( p \) values are shown in bold if significant at the 0.05 level, and marked by symbol (†) if significant (<0.0125) after correction for multiple comparisons based on FDR.