TABLE S1

The effects of linkage on the method of ZENG and CHARLESWORTH (2009)

<table>
<thead>
<tr>
<th>Input</th>
<th>$\theta$ value of KS test</th>
<th>Rejection rate (in %)</th>
<th>Mean MLE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$p$</td>
<td>$\text{LRT}_1$</td>
<td>$\text{LRT}_2$</td>
</tr>
<tr>
<td>$n = 10$</td>
<td>$L = 5\text{Kb}$</td>
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<td></td>
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<tr>
<td>0.02</td>
<td>1</td>
<td>0.705</td>
<td>0.426</td>
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<tr>
<td>$n = 10$</td>
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</tr>
<tr>
<td>n</td>
<td>L</td>
<td>( r )</td>
<td>( \rho = 0 )</td>
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\( n = 15 \) \( L = 100Kb \)

The data generating procedures were as described in Table 2. In all cases, \( \rho = \phi = 0 \), except when \( n = 15 \) and \( L = 100Kb \).