表 3 DataTrans1.0 能够大大提高 SSR 数据前期处理的效率
Table 3 Data Trans1.0 can raise the efficiency of pre-processing of SSR data greatly

<table>
<thead>
<tr>
<th>功能实现</th>
<th>DataTrans1.0</th>
<th>Excel 函数</th>
<th>Excel 查找、替换</th>
</tr>
</thead>
<tbody>
<tr>
<td>bp转0，1格式</td>
<td>约5 min</td>
<td>约36 h</td>
<td>约15 d (d/12 h)</td>
</tr>
<tr>
<td>“bp” to “0,1” format</td>
<td>About 5 min</td>
<td>About 36 h</td>
<td>About 15 d (d/12 h)</td>
</tr>
<tr>
<td>bp转基因型格式</td>
<td>约4min</td>
<td>约24 h</td>
<td>约12 d (d/12h)</td>
</tr>
<tr>
<td>“bp” to genotype format</td>
<td>About 4 min</td>
<td>About 24 h</td>
<td>About 12 d (d/12 h)</td>
</tr>
<tr>
<td>bp转PowerMarker格式</td>
<td>约30s</td>
<td>约4 h</td>
<td>约8 d (d/12 h)</td>
</tr>
<tr>
<td>“bp” to format for PowerMarker</td>
<td>About 30s</td>
<td>About 4 h</td>
<td>About 8 d (d/12 h)</td>
</tr>
<tr>
<td>bp转Structure格式</td>
<td>约40s</td>
<td>约8 h</td>
<td>约10 d (d/12 h)</td>
</tr>
<tr>
<td>“bp” to format for Structure</td>
<td>About 40s</td>
<td>About 8 h</td>
<td>About 10 d (d/12 h)</td>
</tr>
<tr>
<td>bp转Tassel格式</td>
<td>约30s</td>
<td>约3 h</td>
<td>约8 d (d/12 h)</td>
</tr>
<tr>
<td>“bp” to format for Tassel</td>
<td>About 30s</td>
<td>About 3 h</td>
<td>About 8 d (d/12 h)</td>
</tr>
<tr>
<td>0,1转基因型格式</td>
<td>约5 min</td>
<td>约48 h</td>
<td>约20 d (d/12 h)</td>
</tr>
<tr>
<td>“0,1” to “bp” format</td>
<td>About 5 min</td>
<td>About 48 h</td>
<td>About 20 d (d/12 h)</td>
</tr>
</tbody>
</table>

注: DataTrans 1.0 的结果为实际运算, Excel 函数和 Excel 查找、替换的结果为根据经验估计
Note: The data point of DataTrans1.0 obtained by real operation, the data point of Excel function and searching/shifting based on empirical estimation.