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

功能实现 Function implementation	DataTrans1.0	Excel 函数 Excel functions	Excel 查找、替换 Excel searching,exchanging
bp转0，1格式	约5 min	约36 h	约15 d (d/12 h)
“bp” to “0,1” format	About 5 min	About 36 h	About 15 d (d/12 h)
bp转基因型格式	约4min	约24 h	约12 d (d/12h)
“bp” to genotype format	About 4 min	About 24 h	About 12 d (d/12 h)
bp转PowerMarker格式	约30s	约4 h	约8 d (d/12h)
“bp” to format for PowerMarker	About 30s	About 4 h	About 8 d (d/12 h)
bp转Structure格式	约40s	约8 h	约10 d (d/12 h)
“bp” to format for Structure	About 40s	About 8 h	About 10 d (d/12 h)
bp转Tassel格式	约30s	约3 h	约8 d (d/12 h)
“bp” to format for Tassel	About 30s	About 3 h	About 8 d (d/12 h)
0, 1转基因型格式	约5 min	约48 h	约20 d (d/12 h)
“0,1” to “bp” format	About 5 min	About 48 h	About 20 d (d/12 h)

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