

表 1 20 对 SSR 引物扩增特性

Table 1 The characteristics of 20 SSR primers for 222 maize cultivars amplification

| 引物名称 Primers | 等位基因数 Na | 有效等位基因数 Ne | 多样性指数 I | 多态性信息含量 PIC | 标记索引指数 MI |
|-----------------|-------------|---------------|------------|----------------|--------------|
| bnlg439 | 3 | 1.964 8 | 0.851 5 | 0.491 1 | 1.473 3 |
| bnlg2331 | 6 | 4.862 7 | 1.672 6 | 0.794 3 | 4.765 9 |
| bnlg125 | 4 | 3.551 9 | 1.310 8 | 0.718 5 | 2.873 8 |
| mmc0191 | 7 | 6.376 1 | 1.896 7 | 0.843 2 | 5.902 2 |
| umc2105 | 5 | 2.850 8 | 1.306 2 | 0.649 2 | 3.246 1 |
| bnlg1496 | 8 | 7.223 2 | 2.021 8 | 0.861 5 | 6.892 3 |
| phi072 | 6 | 4.395 3 | 1.637 1 | 0.772 5 | 4.635 0 |
| bnlg2291 | 5 | 4.320 1 | 1.534 2 | 0.768 5 | 3.842 4 |
| umc1705 | 3 | 2.885 4 | 1.079 5 | 0.653 4 | 1.960 3 |
| umc1225 | 7 | 4.575 9 | 1.715 9 | 0.781 5 | 5.470 3 |
| bnlg161 | 8 | 7.333 5 | 2.028 2 | 0.863 6 | 6.909 1 |
| phi299852 | 6 | 4.618 9 | 1.642 9 | 0.783 5 | 4.700 9 |
| bnlg1792 | 6 | 2.158 9 | 1.145 7 | 0.536 8 | 3.220 6 |
| phi116 | 5 | 3.772 6 | 1.439 3 | 0.734 9 | 3.674 6 |
| umc1741 | 5 | 3.878 3 | 1.438 1 | 0.742 2 | 3.710 8 |
| phi080 | 5 | 2.900 6 | 1.271 5 | 0.655 2 | 3.276 1 |
| phi065 | 4 | 2.309 5 | 0.962 9 | 0.567 0 | 2.268 0 |
| bnlg1191 | 6 | 3.693 3 | 1.528 1 | 0.729 3 | 4.375 6 |
| umc2163 | 7 | 4.502 5 | 1.648 5 | 0.777 9 | 5.445 2 |
| bnlg1450 | 9 | 6.958 4 | 2.042 1 | 0.856 3 | 7.707 0 |
| 平均值 | 5.75 | 4.256 6 | 1.508 7 | 0.729 0 | 4.317 5 |
| Average | | | | | |