

表7 秋水仙素诱变M₄代性状稳定性分析Table 7 Analysis on genetic stability of mutant traits in M₄ induced by colchicines

| 突变性状 Mutant trait | M ₄ 鉴定株系 Lines in M ₄ | M ₄ 代稳定株系 Lines of stable trait in M ₄ | M ₄ 代不稳定株系 Lines of unstable trait in M ₄ | M ₄ 代分离株系 Lines of segregative trait in M ₄ | 性状稳定比率 Percentage of stable trait lines |
|--------------------------------|--|---|--|--|--|
| 有限结荚 Definite growth | 59 | 36 | - | 23 | 61.10% |
| 浅绿 Aqua leaf | 8 | 6 | 1 | 1 | 75.00% |
| 新叶黄化 New leaf yellowin | 5 | 1 | 1 | 3 | 20.00% |
| 剑叶 Sword leaf | 19 | 14 | 1 | 3 | 73.68% |
| 肾叶 Kidney leaf | 27 | 21 | - | 6 | 77.78% |
| 小密叶 small heart-shaped leaf | 18 | 12 | - | 6 | 66.67% |
| 上部剑叶下部肾叶 Glave kidney leaf | 7 | 2 | 2 | 3 | 28.57% |
| 高株 High plant | 10 | 10 | - | - | 100.00% |
| 紧凑型 Tight type | 5 | 2 | 2 | 1 | 40.00% |
| 多分枝 Excessive branches | 3 | 2 | 1 | - | 66.67% |
| 蔓生 Sprawl mutant | 3 | 3 | - | - | |
| 早熟 Early mature | 9 | 6 | 3 | - | 66.67% |
| 晚熟 Late mature | 9 | 4 | 4 | 1 | 44.44% |
| 黑荚 Black pod | 15 | 10 | - | 4 | 66.67% |
| 黄白粒 Yellow-white seed | 1 | 1 | - | - | 100.00% |
| 浅红粒 Light red seed | 17 | 11 | 4 | 2 | 64.71% |
| 大粒 large-sized seed | 3 | 1 | 2 | - | 33.33% |
| 合计 Total | 208 | 142 | | | |