

表 3 BC₃F₂ 改良群体抗性鉴定Table 3 Identification of resistance to rice blast in the improved BC₃F₂ lines

| 株系 Lines | 菌株 110-2 Isolate 110-2 | | | | | 菌株 CHL506 Isolate CHL506 | | | | |
|---|---------------------------|-----------------|-------------------|----------|-------------------------|-----------------------------|-----------------|-------------------|----------|-------------------------|
| | 株数 Plants | 抗病 Resistant | 感病 Susceptible | χ^2 | 抗性等级 Resistant grade | 株数 Plants | 抗病 Resistant | 感病 Susceptible | χ^2 | 抗性等级 Resistant grade |
| C815S | 20 | 0 | 20 | | 4.5 | 18 | 0 | 18 | | 4 |
| C815S/75-1-127 | 46 | 35 | 11 | 0 | 1.2 | 41 | 32 | 9 | 0.07 | 1 |
| BC ₃ F ₂ | | | | | | | | | | |
| C815S/GM2 | 33 | 25 | 8 | 0.01 | 0.8 | 41 | 31 | 10 | 0.01 | 0.5 |
| BC ₃ F ₂ | | | | | | | | | | |
| C815S/GM4 | 52 | 39 | 13 | 0.03 | 0 | 46 | 35 | 11 | 0 | 0 |
| BC ₃ F ₂ | | | | | | | | | | |
| C815S/TY BC ₃ F ₂ | 45 | 36 | 9 | 12.27 | 0.5 | 32 | 26 | 6 | 6.53 | 0 |
| C815S/XZ3150 | 49 | 41 | 8 | 6.86 | 2.5 | 43 | 36 | 7 | 5.76 | 2 |
| BC ₃ F ₂ | | | | | | | | | | |
| C815S/MWG | 51 | 39 | 12 | 0.01 | 0 | 43 | 33 | 10 | 0.01 | 0 |
| BC ₃ F ₂ | | | | | | | | | | |

注: C815S/TY 和 C815S/XZ3150 组合的 χ^2 按 15:1 的理论分离比计算, 其他组合按 3:1 计算

Notes: The χ^2 values of cross of C815S/TY and C815S/XZ were calculated according to the expected ratio of 15:1, the others were according to 3:1