Table S5. The resistant evaluation of rice varieties in seven gene combinations.

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| --- | --- | --- | --- |
| Polymerization  model | Rice varieties | Rice type | Resistance composite index |
| *Pita*+Pikm+Pi5 | Longliangyou1307 | *Indica* | 1 |
| Linggugeng6 | *Japonica* | 3 |
| Qianfengyou877 | *Indica* | 3 |
| Wangliangyou909 | *Indica* | 3 |
| Kendao88 | *Japonica* | 5 |
| *Pita+Pikm+Piz-t* | Longliangyou1307 | *Indica* | 1 |
| HuLPR18 | *Japonica* | 1 |
| *Pita+Pikm+Pi2* | HuLPR18 | *Japonica* | 1 |
| Wangliangyou1133 | *Indica* | 3 |
| *Pita+Pi5+Piz-t* | Longliangyou1307 | *Indica* | 1 |
| Longliangyou899 | *Indica* | 3 |
| *Pikm+Piz-t+Pi2* | Jia58 | *Japonica* | 1 |
| HuLPR18 | *Japonica* | 1 |
| Jingeng698 | *Japonica* | 3 |
| Suxiu867 | *Japonica* | 3 |
| Yangguang958 | *Japonica* | 3 |
| *Pita+Pikm+Pi5+Piz-t* | Longliangyou1307 | *Indica* | 1 |
| *Pita+Pikm+Pi2+Piz-t* | HuLPR18 | *Japonica* | 1 |