Table 3 12 detected genes in high quality *xian/indica* varieties

| Accessions | *gs3* | *lgy3* | *qGL3* | *GL7* | *SLG7* | *TGW6* | *gs9* | *GW5* | *gw8* | *GS5* |
|---|---|---|---|---|---|---|---|---|---|---|
| 9311(CK) | ✓ | | | | | | | | ✓ | ✓ |
| Ezhong 5 | ✓ | | | ✓ | ✓ | | | | ✓ | |
| Yujing 91 | ✓ | | | ✓ | ✓ | | | | ✓ | ✓ |
| Yuzhenxiang | ✓ | | | ✓ | ✓ | | | | ✓ | ✓ |
| Xiang 5 | ✓ | | | | | | | | ✓ | |
| 15Q340 | ✓ | | | | | | | | ✓ | |
| R835 | ✓ | | | | | | | | ✓ | ✓ |
| Huangmaozhan | ✓ | | | ✓ | ✓ | | | | ✓ | ✓ |
| Yangxizao | ✓ | | | ✓ | ✓ | | | | ✓ | ✓ |
| Huarun 2 | ✓ | | | | | | | | ✓ | ✓ |
| Super-Basimati | ✓ | | | ✓ | ✓ | | | | ✓ | |
| Jianzhen 2 | ✓ | | | | | | | | | |