**Table S6** Distribution of Q-value of 85 jujube cultivars and 55 sour jujube individuals by model-based cluster method.

|  |  |  |
| --- | --- | --- |
| **Population** | **Number of cultivars in each population** |  **Amount of accessions (%)** |
| **Q<0.6** | **Q≥0.6** | **Q≥0.8** | **Q≥0.9** |
| Jujube | 85 | 4 (4.7%) | 81 (95.3%) | 68 (80.0%) | 53 (62.4%) |
| Sour Jujube | 55 | 13 (23.6%) | 42 (76.4%) | 37 (67.3%) | 28 (50.9%) |
| Total | 140 | 17 (12.1%) | 123 (87.9%) | 105 (75.0%) | 81 (57.9%) |