

Table 3 Tested samples from different sources

| Code | Location | Growth mode | Phenotype |
|------|--------------------------|-------------|-----------|
| GC1 | Datong City, Shanxi | Wild | Red |
| GC2 | Yuci City, Shanxi | Wild | Red |
| GC3 | Shizuishan City, Ningxia | Wild | Red |
| GC4 | Yanchi County, Xinjiang | Cultivation | Red |
| GC5 | Longxi County, Gansu | Cultivation | Yellow |
| GC6 | Datong City, Shanxi | Cultivation | Red |
| GC7 | Yangqu County, Shanxi | Cultivation | Red |