**Table 1:** 35 varieties of cultivated rice.

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| --- | --- | --- | --- | --- |
| **Sample ID** | **Species/Subspecies** | **Genome type** | **Accession code** | **Origin** |
| P01 | *Japonica* | AA | Nippobrane | Yunnan university gene bank |
| P02 | *Japonica* | AA | zhonghua11 | Yunnan university gene bank |
| P03 | *Japonica* | AA | Kitaake | Yunnan university gene bank |
| P04 | *Indica* | AA | RD23 | Yunnan university gene bank |
| P05 | *Indica* | AA | minghui63 | Yunnan university gene bank |
| P06 | *Japonica* | AA | Koshihikari | Yunnan university gene bank |
| P07 | *Japonica* | AA | yundao2 | Yunnan university gene bank |
| P08 | *Japonica* | AA | chujing27 | Yunnan university gene bank |
| P09 | *Indica* | AA | 9311 | Yunnan university gene bank |
| P10 | *Indica* | AA | luyin46 | Yunnan university gene bank |
| P11 | *Indica* | AA | Huanghuazhan | Yunnan university gene bank |
| P12 | *Japonica* | AA | IRAT104 | Yunnan university gene bank |
| P13 | *Indica* | AA | IR64 | Yunnan university gene bank |
| P14 | *Indica* | AA | guichao2 | Yunnan university gene bank |
| P15 | *Japonica* | AA | Xueheaizao | Yunnan university gene bank |
| P16 | *Japonica* | AA | Hejiang19 | Yunnan university gene bank |
| P17 | *Japonica* | AA | Pokkali | Yunnan university gene bank |
| P18 | *Indica* | AA | IR29 | Yunnan university gene bank |
| P19 | *Indica* | AA | Mengwanggu | Yunnan university gene bank |
| P20 | *Indica* | AA | taiwanludao1 | Yunnan university gene bank |
| P21 | *Japonica* | AA | chujing28 | Yunnan university gene bank |
| P22 | *Japonica* | AA | dianjingyou5 | Yunnan university gene bank |
| P23 | *Indica* | AA | wendao12 | Yunnan university gene bank |
| P24 | *Japonica* | AA | hexi41 | Yunnan university gene bank |
| P25 | *Indica* | AA | yunhui290 | Yunnan university gene bank |
| P26 | *Indica* | AA | banna21 | Yunnan university gene bank |
| P27 | *Japonica* | AA | Akitakomati | Yunnan university gene bank |
| P28 | *Japonica* | AA | Akihikari | Yunnan university gene bank |
| P29 | *Indica* | AA | dianrui449 | Yunnan university gene bank |
| P30 | *Indica* | AA | diantun502 | Yunnan university gene bank |
| P31 | *Japonica* | AA | PR23 | Yunnan university gene bank |
| P37 | *Japonica* | AA | yunjing37 | Yunnan university gene bank |
| P41 | *Indica* | AA | mengwangmaxiangu | Yunnan university gene bank |
| P42 | *Indica* | AA | Mengwangdabaigu | Yunnan university gene bank |
| P43 | *Indica* | AA | mengwangxiaobaigu | Yunnan university gene bank |