**Supplemental materials**

**Fast photosynthesis measurements for phenotyping photosynthetic capacity of rice**

**Table S1.** Test of normality (Shapiro-Wilk) for photosynthetic traits of F2 populations. The full name and units of the traits are shown in abbreviations list.

|  |  |  |
| --- | --- | --- |
| **Traits** | **Shapiro-Wilk statistic** | ***p*** |
| *A* | **0.997** | **0.636** |
| *g*sw | 0.985 | 0.036 |
| *V*cmax | **0.996** | **0.155** |
| *A*/*g*sw | 0.774 | <0.001 |
| *g*m | 0.986 | 0.030 |
| SPAD | **0.997** | **0.352** |