

Table S3. Sequence identity (%) among *OsDR10* gene and its homologs from different species

| | <i>OsDR10</i> | 9311A | NipponbareA | <i>O. rufipogon</i> A | <i>O. rufipogon</i> B | 9311B | NipponbareB | Nackdong | <i>O. punctata</i> | <i>O. latifolia</i> | <i>O. australiensis</i> | <i>L. tisserantii</i> |
|-------------------------|---------------|-------|-------------|-----------------------|-----------------------|-------|-------------|----------|--------------------|---------------------|-------------------------|-----------------------|
| 9311A | 100 | | | | | | | | | | | |
| NipponbareA | 100 | 100 | | | | | | | | | | |
| <i>O. rufipogon</i> A | 98 | 98 | 98 | | | | | | | | | |
| <i>O. rufipogon</i> B | 98 | 98 | 98 | 100 | | | | | | | | |
| 9311B | 93 | 93 | 93 | 92 | 92 | | | | | | | |
| NipponbareB | 93 | 93 | 93 | 92 | 92 | 100 | | | | | | |
| Nackdong | 93 | 93 | 93 | 92 | 92 | 100 | 100 | | | | | |
| <i>O. punctata</i> | 69 | 69 | 69 | 69 | 69 | 67 | 67 | 67 | | | | |
| <i>O. latifolia</i> | 69 | 69 | 69 | 70 | 70 | 69 | 69 | 69 | 74 | | | |
| <i>O. australiensis</i> | 76 | 76 | 76 | 75 | 75 | 78 | 78 | 78 | 75 | 83 | | |
| <i>L. tisserantii</i> | 69 | 69 | 69 | 70 | 70 | 72 | 72 | 72 | 71 | 70 | 73 | |
| L. JX | 73 | 73 | 73 | 73 | 73 | 74 | 74 | 74 | 73 | 80 | 82 | 81 |