**Table S3. The detailed statistical information of the relative abundance of endophytic bacterial community at Phylum level between brown seeds and black seeds.**

|  |  |  |  |
| --- | --- | --- | --- |
| Phylum | Relative abundance (Mean ± Sd) (%) | | P-value |
| Br | Bl |
| *Proteobacteria*  *Firmicutes*  *Actinobacteria*  *Bacteroidetes*  *Fusobacteria*  *Armatimonadetes*  *Patescibacteria*  *Dependentiae*  unclassified\_k\_norank\_d\_*Bacteria* | 57.48 ± 19.99  27.34 ± 30.9  13.02 ± 13.28  2.12 ± 1.98  0.02 ± 0.03  0.01 ± 0.02  0.01 ± 0.02  0.01 ± 0.02  0 ± 0 | 58.67 ± 22.8  40.89 ± 22.57  0.22 ± 0.15  0.21 ± 0.18  0 ± 0  0 ± 0  0 ± 0  0 ± 0  0.01 ± 0.02 | 0.6687  0.8086  0.04043  0.04043  0.2525  0.2525  0.2525  0.2525  0.9088 |

**Note**: Br: brown seeds; Bl: black seeds.