**Table S2.** The seven pairs of genes (including 12 genes) involved in segmental duplication.

|  |  |  |
| --- | --- | --- |
| **Pairing number** | **Gene ID** | **Gene ID** |
| 1 | Soltu.DM.02G007590.1.v6.1 | Soltu.DM.02G027740.1.v6.1 |
| 2 | Soltu.DM.02G027740.1.v6.1  | Soltu.DM.04G032630.1.v6.1 |
| 3 | Soltu.DM.07G000070.1.v6.1 | Soltu.DM.12G027750.1.v6.1 |
| 4 | Soltu.DM.03G036600.1.v6.1 | Soltu.DM.06G022490.1.v6.1 |
| 5 | Soltu.DM.03G027310.1.v6.1 | Soltu.DM.06G026220.1.v6.1 |
| 6 | Soltu.DM.04G011420.1.v6.1 | Soltu.DM.10G028130.1.v6.1 |
| 7 | Soltu.DM.06G022490.1.v6.1 | Soltu.DM.12G009570.2.v6.1 |