**Additional file 3.** The nucleotide sequences of *Ppmar1NA* and *Ppmar2NA* transposon(non-autonomous).

|  |  |
| --- | --- |
| **Name of the transposon** | **Nucleotide sequence of transposon（5’--3’）** |
| *Ppmar1NA* | TACTCCCTCCATACCCGAAATTCCTGACGTTCTAGGCGAAGTGCCCGTTTGCGCAAAAGCTGACGTTGTGGCCTCGCGTGGTCTTCTTTTCACGCGTTTGCCCCTGGCCATGCGCTGCTGCCCGTCTGTTGCGCTTCCGCCGCGCATGCTCGCATCGTTACTCGCCCGCATTGATTGCGCGTGTGTGCGCCTGGTACAGCAGCTCGCATTCATCGCTCGCGCGAATGGCTCGCTCGCCTGCCCGCTCGCCTGCCCGCTCGCCGTGCTCTCGCCGCCACGCTCGTCGCAGGACGTCGATGCCTCGTCGGATCAGATGGAAACGACGGAGTCCGTTGCGGCGCTGGACGTCGCCGTGCAGGACATCTCGTCGGGCTCCATAGCGTCGCTGGACACCGTGGACATGGCGCCGCAGGAGGTGCCAGACTCCGTCGAGGAGCTGCCGGACCATGCAACCTCCTCCGTGCGCCAGGCCCAAATCCACTCGAAAACTAACGCCCGCAGCGGCTAAGCGCGCGCGACGTGCGTTGCCTAAACAGTGCCATGCAAAAATGAATAAACAGCAACAAGAAAAAAACCTGCGTCCGCGAGGTATCGAACGCGCACCACAGGACTGAGGCCTCCGCGCGCTAGCCAGTCGAGCTGGTTTACTTTCTCGTACAAAGAGCACCCGTAACCATATTTATTAGGGGCAAAGATGGAAAACTAACCCCTAATTAATCACTCCTTGGTTACCACAATCATGTCCTAAACGTCAGGAATTTCGGGTATGGAGGGAGTA |
| *Ppmar2NA* | TACTCCCTCCGTCCCAGTATAACGGGCGTATAAAAAAATTTCTGCTGTCCCACAATACAGGGCGTCCCTTCAATTTTGCACCGCTTTCTCCCATTTTGCCCTCAGCAATCTGCATGCATGCATGCATGCGTGACGCTTAGAGTTCTGCTTAACCGCGTGATGCATTCAACTGCTCTGAGAAGTGCCAGCGTGATGCATGCCACTGCTTAGAAAAGTGCGAGGATCCGGTGACACGACCATCATAGTCCTCAATCTCTTCCCAATGGATAGGTTGATTTAGGTCCAAATTCGCCATTGATTTCGAGCAAGCAACTGGACGAGAGAAGAGGAGAGAGTGGCAGCAGACCTGTTGTGTTCATGTCTATTTATAGGAGGAAAACGAATTTGAATTTCTGGGGGCAATCTTCTCAATCCATATGCACTAGCTCAATTTCTAGGCGCCATCTTCTAAATGCTGTGTTCAAATTTTCGCTATAATCCGCTATAGACTTCTAAATGCTGGGCGCCATCTTCTAAATGCATGCGTGCGAGCGAGTACGAGCCTACGAGCGCGCGAATCTGCATGCATCGCTCAAATCTGCATGCCATGCTTCTCTCGCGTGTGAATCTGCATGCCATGCTTCTCTCGCGCACGAATCTGCATGCTGTGCTTTAAATCTGCATGCCGTGCTTTAAATCTGCATGCATGCATGGTCATTGATTATAGCAAACTGCACGCATGCATCTCATCAATTTAATTAGGGGTAGATGAGGAAGAATCGCTAGCTCGCGCGCCCTCCTTGGTCTCTGAAATTTTTTTATACGCCCGTTATACTGGGACGGAGGGAGTA |