**Table S2. Primers used for the plasmid construction**

|  |  |
| --- | --- |
| Primer | Sequence |
| W53-Ala F | 5’-GTGAGGAGCGCGCCCCGAGGGGGTTCTC-3’ |
| W53-Ala R | 5’-GATTGCACCGGTGGTCGGGGCCGCCAAG-3’ |
| W53-N Fw | 5’-AGAGGATATCGGCGTCCTCGACGGGGGGGTTG-3’ |
| W53-C Rv | 5’-AGAGAAGCTTCTAGCAGAGGAGCGACTCGACGAAC-3’ |
| 53 GAL4 F | 5’-AGAGCCCGGGGATGGCGTCCTCGACGGGGGGGTTG-3’ |
| 53 GAL4 R | 5’-AGAGGTCGACCTAGCAGAGGAGCGACTCGACGAAC-3’ |
| W53-Asp F  | 5’-GTGAGGAGCGCGACCCGAGGGGGTTCTC-3’ |
| W53-Asp R | 5’-GATTGCACCGGTGGTCGGGTCCGCCAAG-3’ |
| 53ORF Gateway F | 5’-CACCATGGCGTCCTCGACGGGGGGGTTGGA-3’ |
| OsWRKY53 pENTR R | 5’-CTAGCAGAGGAGCGACTCGACGAAC-3’ |
| W53 Wbox Fw | 5’-GCGCGAGCCTCAGCCGCCTCGTC-3’ |
| W53 Wbox Rv | 5’-TTTGGGGATGCTTCGGCGAAG-3’ |

 Restriction enzyme sites are indicated in red letters.