

Table S2. The coding sequence and protein sequence of AktWRKY12 in different varieties.

Variety	Coding sequence	Protein sequence
H05	ATGGAAGGAGATCGAGAAGCTTCTCGCGGTTGTTACGAGCTTGGGATCTCGTTTTCTAGTCCTCCACAAGCAATC CATGAGATGGGGT <b>T</b> TGTTCAAGTTTGAAGAAAATCAGGGTTTGAGCTTCTTAGTCCCTCCCTCTCAGTCTTCTCAGG TTTCTCTGTCTTTTAACAACAGCAACAACAACAACACGCTATTGGATTTAGTTGTAGCGATCTTGTGTCTAGGTC TTCTTGAATAATGAACAGGTCGGAACCTTTGGATCCAAAGGTTGTTAATGATGATAATTGTACTGGTAATGTTAAC GATGGCAACAATTCATGGTGGAGGAATTCATCTTCAGAGAAGAGCAAAGTAAAGGTGAGGAGGAAGCTTAGAGA ACCAAGGTTTTGTTTCCAAACTAGGAGTGATGTAGATGTACTAGATGATGGTTACAAATGGAGGAAATACGGCCA AAAAGTAGTCAAGAACAGTCTTCATCCAAGAAGTTATTATCGTTGCACACATAATAATTGTCGAGTGAAGAAGAG GGTTGAACGATTATCTGAAGATTGTCGAATGGTGAT <b>T</b> ACGACTTATGAAGGCAGACACACCCACTCCCCTTGTGAT GATTCAAATTCATCTGAACAAGAATGCTTCAGCTCATTTTAA	MEGDREASRGCYELGISFSSPPQAIHEM G <b>F</b> VQFEENQGLSFLVPPSQSSQVLSFN SNNNNNAIGFSCSDLVSRSSWNNEQVGT LDPKVVNDNCTGNVNDGNNSWWRNS SSEKSKVKVRRKLREPRFCFQTRSDVDV LDDGYKWRKYGQKVVKNSLHPRSYR CTHNNCRVKRVERLSEDCRMVITYE GRHTHSPCDDSNSEQECFSSF*
C01	ATGGAAGGAGATCGAGAAGCTTCTCGCGGTTGTTACGAGCTTGGGATCTCGTTTTCTAGTCCTCCACAAGCAATC CATGAGATGGGGTATGTTCAAGTTTGAAGAAAATCAGGGTTTGAGCTTCTTAGTCCCTCCCTCTCAGTCTTCTCAGG TTTCTCTGTCTTTTAACAACAGCAACAACAACAACACGCTATTGGATTTAGTTGTAGCGATCTTGTGTCTAGGTC TTCTTGAATAATGAACAGGTCGGAACCTTTGGATCCAAAGGTTGTTAATGATGATAATTGTACTGGTAATGTTAAC GATGGCAACAATTCATGGTGGAGGAATTCATCTTCAGAGAAGAGCAAAGTAAAGGTGAGGAGGAAGCTTAGAGA ACCAAGGTTTTGTTTCCAAACTAGGAGTGATGTAGATGTACTAGATGATGGTTACAAATGGAGGAAATACGGCCA AAAAGTAGTCAAGAACAGTCTTCATCCAAGAAGTTATTATCGTTGCACACATAATAATTGTCGAGTGAAGAAGAG GGTTGAACGATTATCTGAAGATTGTCGAATGGTGATAACGACTTATGAAGGCAGACACACCCACTCCCCTTGTGAT GATTCAAATTCATCTGAACAAGAATGCTTCAGCTCATTTTAA	MEGDREASRGCYELGISFSSPPQAIHEM GYVQFEENQGLSFLVPPSQSSQVLSFN SNNNNNAIGFSCSDLVSRSSWNNEQVGT LDPKVVNDNCTGNVNDGNNSWWRNS SSEKSKVKVRRKLREPRFCFQTRSDVDV LDDGYKWRKYGQKVVKNSLHPRSYR CTHNNCRVKRVERLSEDCRMVITYE GRHTHSPCDDSNSEQECFSSF*
102	ATGGAAGGAGATCGAGAAGCTTCTCGCGGTTGTTACGAGCTTGGGATCTCGTTTTCTAGTCCTCCACAAGCAATC CATGAGATGGGGTATGTTCAAGTTTGAAGAAAATCAGGGTTTGAGCTTCTTAGTCCCTCCCTCTCAGTCTTCTCAGG TTTCTCTGTCTTTTAACAACAGCAACAACAACAACACGCTATTGGATTTAGTTGTAGCGATCTTGTGTCTAGGTC TTCTTGAATAATGAACAGGTCGGAACCTTTGGATCCAAAGGTTGTTAATGATGATAATTGTACTGGTAATGTTAAC GATGGCAACAATTCATGGTGGAGGAATTCATCTTCAGAGAAGAGCAAAGTAAAGGTGAGGAGGAAGCTTAGAGA ACCAAGGTTTTGTTTCCAAACTAGGAGTGATGTAGATGTACTAGATGATGGTTACAAATGGAGGAAATACGGCCA AAAAGTAGTCAAGAACAGTCTTCATCCAAGAAGTTATTATCGTTGCACACATAATAATTGTCGAGTGAAGAAGAG GGTTGAACGATTATCTGAAGATTGTCGAATGGTGATAACGACTTATGAAGGCAGACACACCCACTCCCCTTGTGAT GATTCAAATTCATCTGAACAAGAATGCTTCAGCTCATTTTAA	MEGDREASRGCYELGISFSSPPQAIHEM GYVQFEENQGLSFLVPPSQSSQVLSFN SNNNNNAIGFSCSDLVSRSSWNNEQVGT LDPKVVNDNCTGNVNDGNNSWWRNS SSEKSKVKVRRKLREPRFCFQTRSDVDV LDDGYKWRKYGQKVVKNSLHPRSYR CTHNNCRVKRVERLSEDCRMVITYE GRHTHSPCDDSNSEQECFSSF*