Table S: List of primers used in qRT-PCR validation of selected PopdaWRKYs their sequences and accession numbers.

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| --- | --- | --- | --- |
| Gene Accession Number | Gene Name | Forward Primer (5’-3’) | Reverse Primer (5’-3’) |
| POPTR\_0014s16220 | *PopdaWRKY1* | AACACCGCGGAAGGTCTCAC | CGGACAGGACGCAACCAACA |
| POPTR\_0010s17040 | *PopdaWRKY4* | CGAGCTTGTCCATCGTCCCT | CTTCTGCTGCTGCTGGTGTG |
| POPTR\_0001s37260 | *PopdaWRKY20* | GCGGTGCTAGGTACAAGCTG | ATCGTGATGCAAGCCGACCT |
| POPTR\_0016s13600 | *PopdaWRKY33* | GGGCAGAAAGTCGTCAAGGG | GATTGGCCATGACGGAAGGC |
| POPTR\_0016s08440 | *PopdaWRKY44* | GTTGAGGCTCGCCCTCAGTG | GCCCTGTCCCCGTTAGATGC |
| POPTR\_0001s47670 | *PopdaWRKY2* | TAGGTTTGAGCGGCCTCCTG | ATGAGAAGCCAGGCGAAGGC |
| POPTR\_0018s03450 | *PopdaWRKY11* | TCACGTTGCCGATTGCACTG | CGGCTGGTTGGGTTGAATCG |
| POPTR\_0011s16050 | *PopdaWRKY14* | TGACAACGCTGGATCAGTGC | CCATGCCCACAAGTCAGATGGA |
| POPTR\_0008s10280 | *PopdaWRKY48* | ACCACCACCACCACCAACAA | TGATGCCGGTGAAGGGACAA |
| POPTR\_0021s00280 | *PopdaWRKY6* | CCCGTGTCCGAGGGCTTATT | TGCCATTGCAGCTGGAGGTA |
| POPTR\_0002s06000 | *PopdaWRKY28* | ACCACGTATGAAGGGCAGCA | GGCTGTTGCTTGTGGATGAAGG |
| POPTR\_0013s09460 | *PopdaWRKY55* | ACATTCGAGGTGGCGTACCG | ATCTGCTGCTGCTGGTGGAA |
| POPTR\_0004s05920 | *PopdaWRKY65* | GAGGAGCAAGCTGGACCCAA | CGATGCCATGTCAGCATCCG |
| POPTR\_0003s13250 | *PopdaWRKY22* | TGCCCATCCTACTCGAAGAAGC | CTGGCAAGGCAATTTCGTCCA |
| PopActin | *PopActin* | TTCTACAAGTGCTTTGATGGTGAGTTC | CTATTCGATACATAGAAGATCAGAATGTTC |
| AT2G17820 | *AtHK1* | GGCTGTTGTGGGGGTGACAA | TGAACAACGTGAGGGCGCTT |
| [AT5G01900](https://www.arabidopsis.org/servlets/TairObject?id=135602&type=locus) | *WRKY62* | TGGCCAAGTCCGTCCTCCAT | CTGGCATATGTGCTGGCCGA |
|  | NCED | TCCTCTGTTTCGTTCACGACG | CGTACGGAACCCTTGACGGA |
| AT5G67030 | ZEP/ABA1 | GCAATGGTATGCATTTCACG | TCATCGGCTTTGTCAGTGAG |
| [AT1G52340](https://www.arabidopsis.org/servlets/TairObject?id=28357&type=locus) | ABA2 | ACGGTTGATGATGTAGCGAACGCTGTT | CATCTGAAGACTTTAAAGGAGTGGTTAG |
| [AT5G57050](https://www.arabidopsis.org/servlets/TairObject?id=133380&type=locus) | ABI2 | GTTCTTGTTCTGGCGACGGAGC | CCATTAGTGACTCGACCATCAAG |
| AT3G18780 | *AtActin* | GCTGGACGTGACCTTACTGA | CCATCTCCTGCTCGTAGTCA |